

## Bibliography

---

**Early changes in immune, coagulation, and organ function after clinical and experimental polytrauma** (2019) Halbgbauer  
[Repositorium der Universität Ulm](#)

**TGF $\beta$  receptor inhibitor galunisertib is linked to inflammation- and remodeling-related proteins in patients with pancreatic cancer** (2019) Melisi D, Garcia-Carbonero R, Macarulla T, Pezet D, Deplangue G, Fuchs M, Trojan J, Kozloff M, Simionato F, Cleverly A, Smith C, Wang S, Man M, Driscoll KE, Estrem ST, Lahn MMF, Benhadji KA, Tabernero J [Cancer Chemistry and Pharmacology](#)

**A blood-based signature of cerebrospinal fluid A $\beta$ 1-42 status** (2019) Goudey B, Fung BJ, Schieber C, Faux NG, Alzheimer's Disease Metabolomics Consortium, Alzheimer's Disease Neuroimaging Initiative [Scientific Reports](#)

**Exploring and redefining Autoimmune polyendocrine syndrom type 1** (2019) Bruserud [Skipnes Kommunikasjon, University of Bergen](#)

**A randomized, controlled trial on the effects of almonds on lipoprotein response to a higher carbohydrate, lower fat diet in men and women with abdominal adiposity** (2019) Williams PT, Bergeron N, Chiu S, Krauss RM [Lipids in Health and Disease](#)

**External Validation of a Pre-Transplant Biomarker Model (REVERSE) Predictive of Renal Recovery after Liver Transplantation** (2019) Levitsky J, Asrani SK, Abecassis M, Ruiz R, Jennings LW, Klintmalm G [Hepatology](#)

**Amygdalar activity predicts future incident diabetes independently of adiposity** (2019) Osborne MT, Ishai A, Hammad B, Tung B, Wang Y, Baruch A, Fayad ZA, Giles JT, Lo J, Shin LM, Grinspoon SK, Koenen KC, Pitman RK, Tawakol A [Psychoneuroendocrinology](#)

**Adjustment of the multi-biomarker disease activity score to account for age, sex and adiposity in patients with rheumatoid arthritis** (2019) Curtis JR, Flake DD 2nd, Weinblatt ME, Shadick NA, Ostergaard M, Hetland ML, Brahe CH, Hwang YG, Furst DE, Strand V, Etzel CJ, Pappas DA, Wang X, Hwang CC, Sasso EH, Gutin A, Hitraya E, Lanchbury JS [Rheumatology](#)

**Metabolomic analyses reveal lipid abnormalities and hepatic dysfunction in non-human primate model for Yersinia pestis** (2019) Gautam A, Muhie S, Cakraborty N, Hoke A, Donohue D, Miller SA, Hammamieh R, Jett M [Metabolomics](#)

**Cortisol associated with hypometabolism across the Alzheimer's disease** (2019) Wirth M, Huijbers W, Lange C [bioRxiv](#)

**Modulation of blood inflammatory markers by benralizumab in patients with eosinophilic airway diseases** (2019) Sridhar S, Liu H, Damera G, Newbold P [Respiratory Research](#)

**SOMAscan-based proteomic measurements of plasma brain natriuretic peptide are decreased in mild cognitive impairment and in Alzheimer's dementia patients** (2019) Begic E, Hadzidedic S, Kulagic A, Ramic-Brkic B, Begic Z, Causevic M [PLoS One](#)

**VaccHemInf Project: protocol for a prospective cohort study of efficacy, safety and characterisation of immune functional response to vaccinations in haematopoietic stem cell transplant recipients** (2019) Conrad A, Boccard M, Valour F, Alcazer V, Tovar Sanchez AT, Chidiac C, Laurent F, Vanhems P, Salles G, Brengel-Pesce K, Meunier B, Trouillet-Assant S, Ader F, Lyon HEMINF Study Group [BMJ Journals](#)

**Social history and exposure to pathogen signals modulate social status effects on gene regulation in rhesus macaques** (2019) Sanz J, Maurizio PL, Snyder-Mackler N, Simons ND, Voyles T, Kohn J, Michopoulos V, Wilson M, Tung J, Barreiro LB [bioRxiv](#)

## Bibliography

**Inflammatory parameters associated with systemic reactivity following vaccination with adjuvanted hepatitis B vaccines in humans** (2019) Burny W, Marchant A, Herve C, Callegaro A, Caubet M, Fissette L, Gheyle L, Legrand C, Ndour C, Tavares Da Silva F, van der Most R, Willems F, Didierlaurent AM, Yarzabal J, ECR-008 study group [Vaccine](#)

**Citrulline protects mice from experimental cerebral malaria by ameliorating hypoargininemia, urea cycle changes and vascular leak** (2019) Gramaglia I, Velez J, Chang YS, Caparros-Wanderley W, Combes V, Grau G, Stins MF, van der Heyde HC [PLoS One](#)

---

**Evaluation of plasma biomarkers of inflammation in patients with maple syrup urine disease** (2018) Scaini G, Tonon T, Moura de Souza CF, Schuck PF, Ferreira GC, Quevedo J, Seda Neto J, Amorim T, Camelo Jr JS, Vitoria Barban Margutti A, Hencke Tresbach R, Sperb-Ludwig F, Boy R, V. de Medeiros PF, Schwarzs IVD, Luiz Streck E [Journal of Inherited Metabolic Disease](#)

**Association between IL-6 production in synovial explants from rheumatoid arthritis patients and clinical and imaging response to biologic treatment: A pilot study** (2018) Andersen M, Boesen M, Ellegaard K, Soderstrom K, Soe NH, Spee P, Morch UGW, Torp-Pedersen S, Bartels EM, Danneskiold-Samsøe B, Karlsson L, Bliddal H [Plos One](#)

**Anemia and Adverse Outcomes in a Chronic Obstructive Pulmonary Disease Population with a High Burden of Comorbidities** (2018) Putcha N, Fawzy A, Paul GG, Lambert AA, Psoter KJ, Sidhaye VK, Woo J, Wells JM, Labaki WW, Doerschuk CM, Kanner RE, Han MK, Martinez C, Paulin LM, Martinez FJ, Wise RA, O'Neal WK, Barr RG, Hanseil NN [AnnalsATS](#)

**NT-proBNP in stable COPD and future exacerbation risk: Analysis of the SPIROMICS cohort** (2018) Labaki WW, Xia M, Murray S, Curtis JL, Barr RG, Bhatt SP, Bleecker ER, Hansel NN, Cooper CB, Dransfield MT, Wells JM, Hoffman EA, Kanner RE, Paine III R, Ortega VE, Peters SP, Krishnan JA, Bowler RP [Respiratory Medicine](#)

**IL-17 blockade with secukinumab in peripheral spondyloarthritis impacts synovial immunopathology without compromising systemic immune responses** (2018) van Mens LJJ, van de Sande MGH, Menegatti S, Chen S, Blijdorp ICP, de Jong HM, Fluri IA, Latuhipin TE, van Kuijk AWR, Rogge L, Yeremenko NG, Baeten DLP [Arthritis Rheumatol](#)

**Networks of blood proteins in the neuroimmunology of schizophrenia** (2018) Jeffries CD, Perkins DO, Fournier M, Do KQ, Cuenod M, Khadimallah I, Domenici E, Addington J, Bearden CE, Cadenhead KS, Cannon TD, Cornblatt BA, Mathalon DH, McGlashan TH, Seidman LJ, Tsuang M, Walker EF, Woods SW [Transl Psychiatry](#)

**A clinical and proteomics approach to predict the presence of obstructive peripheral arterial disease (From CASABLANCA)** (2018) McCarthy CP, Ibrahim NE, van Kimmenade RRJ, Gaggin HK, Simon ML, Gandhi P, Kelly N, Motiwala SR, Mukai R, Magaret CA, Barnes G, Rhyne RF, Garasic JM, Januzzi JL Jr [Clin Cardiol](#)

**Synergistic Cytokine Effects as Apremilast Response Predictors in Patients With Psoriasis** (2018) Garcet S, Nograles K, Correa da Rosa J, Schafer PH, Krueger JG [Journal of Allergy and Clinical Immunology](#)

**Cellular toxicity of silicon carbide nanomaterials as a function of morphology** (2018) Chen F, Li G, Zhao ER, Li J, Hableel G, Lemaster JE, Bai Y, Sen GL, Jokerst JV [Biomaterials](#)

**Cereblon modulator iberdomide induces degradation of the transcription factor Ikaros and Aiolos: immunomodulation in healthy volunteers and relevance to systemic lupus erythematosus** (2018) Schafer PH, Ye Y, Wu L, Kosek J, Ringheim G, Yang Z, Liu L, Thomas M, Palmisano M, Chopra R [Ann Rheum Dis](#)

**IL-23 secreted by myeloid cells drives castration-resistant prostate cancer** (2018) Calcinotto A, Spataro C, Zagato E, Di Mitri D, Gil V, Crespo M, De Bernardis G, Losa M, Mirenda M, Pasquini E, Rinaldi A, Sumanasuriya S, Lambros MB, Neeb A, Luciano R, Bravi CA, Nava-Rodrigues D, Dolling D, Prayer-Galetti T, Ferreira A, Briganti A, Esposito A, Barry S, Yuan W, Sharp A, de Bono J, Alimonti A [Nature](#)

## Bibliography

- Standardized Immunomonitoring: Separating the Signals from the Noise** (2018) Duffy D [Trends in Biotechnology](#)
- Proteomic biomarkers of cognitive impairment in obstructive sleep apnea syndrome** (2018) Lal C, Hardiman G, Kumbhare S, Strange C [Sleep and Breathing](#)
- Effects of an FcγRIIA polymorphism on leukocyte gene expression and cytokine responses to anti-CD3 and anti-CD28 antibodies** (2018) Stein MM, Hrusch CL, Sperling AI, Ober C [Genes and Immunity](#)
- Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease** (2018) Sjaarda J, Gerstein H, Chong M, Yusuf S, Meyre D, Anand SS, Hess S, Pare G [Journal of the American College of Cardiology](#)
- Identifying the etiology and pathophysiology underlying stunting and environmental enteropathy: study protocol of the AFRIBIOTA project** (2018) Vonaesch P, Randremanana R, Gody JC, Collard JM, Giles-Vernick T, Doria M, Vigan-Womas I, Rubbo PA, Etienne A, Andriatahirintsoa EJ, Kapel N, Brown E, Huus KE, Duffy D, Finlay BB, Hasan M, Hunald FA, Robinson A, Manirakiza A, Wegener-Parfrey L, Vray M, Sansonetti PJ [BMC Pediatrics](#)
- Association between Cytokines and Functional, Hemodynamic Parameters, and Clinical Outcomes in Pulmonary Arterial Hypertension** (2018) Joshi AA, Davey RA, Rao Y, Shen K, Benza R, Raina A [Pulmonary Circulation](#)
- Proteomics in Chronic Arthritis - Will We Finally Have Useful Biomarkers?** (2018) Kessel C, McArdle A, Verweyen E, Weinlage T, Wittkowski H, Pennington SR, Foell D [Current Rheumatology Reports](#)
- Testing a multivariate proteomic panel for TBI biomarker discovery: A track-TBI pilot study** (2018) Huie JR, Diaz-Arrastia R, Yue JK, Sorani M, Puccio A, Okonkwo DO, Manley GT, Ferguson AR [Journal of Neurotrauma](#)
- Early Plasma Matrix Metalloproteinase Profiles: A Novel Pathway in Pediatric Acute Respiratory Distress Syndrome** (2018) Zinter MS, Delucchi KL, Kong MY, Orwoll BE, Spicer AS, Lim MJ, Alkhouli MF, Ratiu AE, McKenzie AV, McQuillen PS, Dvorak CC, Calfee CS, Matthay MA, Sapru A [American Journal of Respiratory and Critical Care Medicine](#)
- Von Willebrand factor and ADAMTS13 activity in relation to risk of dementia: a population-based study** (2018) Wolters F, Boender J, de Vries P, Sonneveld M, Koudstaal P, de Maat M, Franco O, Ikram M, Leebeek F, Ikram MA [Scientific Reports 2018 Apr](#)
- Circulating biomarkers from the phase I trial of sirolimus and autophagy inhibition for patients with lymphangioleiomyomatosis (SAIL).** (2018) Lamattina AM, Taveira-Dasilva A, Goldberg HJ, Bagwe S, Cui Y, Rosas IO, Moss J, Henske EP, El-Chemaly S [Chest Journal](#)
- Altered regulation of the T-cell system in patients with CRPS** (2018) Heyn J, Azad SC, Luchting B [Inflammation Research](#)
- A Multi-site In-depth Evaluation of the Qunaterix Simoa from a User's Perspective** (2018) Chunyk A, Joyce A, Fischer S, Dysinger M, Mikulskis A, Jeromin A, Lawrence-Henderson R, Baker D, Yeung D [The AAPS Journal 2018](#)
- Flares in Rheumatoid Arthritis Patients with Low Disease Activity: Predictability and Association with Worse Clinical Outcomes.** (2018) Bechman K, Tweehuysen L, Garrood T, Scott DL, Cope AP, Galloway JB, Ma MHY [The Journal of Rheumatology](#)
- Determination of the minimally important difference (MID) in multi-biomarker disease activity (MBDA) test scores: impact of diurnal and daily biomarker variation patterns on MBDA scores** (2018) Chernoff D, Scott Eastman P, Hwang CC, Flake DD 2nd, Wang X, Kivitz A, Curtis JR [Clinical Rheumatology](#)
- Comparison of a microsphere-based platform with a multiplex flow cytometric assay for determination of circulating cytokines in the mouse** (2018) Stricker-Krongrad A, Shoemake C, Zhong M, Liu J, Bouchard G [BMC Clinical Pathology Jan 2018](#)

## Bibliography

**A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial of BMS-986020, a Lysophosphatidic Acid Receptor Antagonist for the Treatment of Idiopathic Pulmonary Fibrosis** (2018) Palmer SM, Snyder L, Todd JL, Soule B, Christian R, Anstrom K, Luo Y, Gagnon R, Rosen G [Chest Journal](#)

**The association of basal insulin treatment versus standard care with outcomes in anti-GAD positive and -negative subjects. A post-hoc analysis of the ORIGIN-trial** (2018) Birkeland KI, Grill V, Wium C, McQueen MJ, Lopez-Jaramillo P, Lee SF, Gerstein HC [Diabetes, Obesity and Metabolism](#)

**A decade of research on the 17q12-21 asthma locus: Piecing together the puzzle** (2018) Stein MM, Thempson EE, Schoettler N, Helling BA, Magnaye KM, Stanhope C, Igartua C, Morin A, Washinton C, Nicolae D, Bonnelykke K, Ober C [J Allergy Clin Immunol 2018](#)

**Parent of origin gene expression in a founder population identifies two new candidate imprinted genes at known imprinted regions** (2018) Mozaffari SV, Stein MM, Magnaye KM, Nicolae DL, Ober C [PLoS One](#)

**Associations of 26 Circulating Inflammatory and Renal Biomarkers with Near-Infrared Spectroscopy and Long-term Cardiovascular Outcome in Patients Undergoing Coronary Angiography (ATHEROREMO-NIRS Substudy)** (2018) Anroedh SS, Akkerhuis KM, Oemrawsingh RM, Garcia-Garcia HM, Brankovic M, Regar E, van Geuns RJ, Serruys PW, Daemen J, Van Mieghem NM, Boersma E, Kardys I [Current Atherosclerosis Reports](#)

**Blockade of placental growth factor reduces vaso-occlusive complications in murine models of sickle cell disease** (2018) Gu JM, Yuam S, Sim D, Abe K, Liu P, Rosenbruch M, Bringmann P, Kauser K [Experimental Hematology 2018](#)

**Adiponectin in Relation to Coronary Plaque Characteristics on Radiofrequency Intravascular Ultrasound and Cardiovascular Outcome** (2018) Marino BCA, Buljubasic N, Akkerhuis M, Cheng JM, Garcia-Garcia HM, Regar E, van Geuns RJ, Serruys PW, Boersma E, Kardys I [Sociedade Brasileira De Cardiologia](#)

**Identifying the molecular and cellular signature of cardiac dilation following myocardial infarction** (2018) Lindsey ML, Ma Y, Flynn ER, Winniford MD, Hall ME, DeLeon-Pennell KY [BBA - Molecular Basis of Disease](#)

**Novel anti-tumour necrosis factor receptor-1 (TNFR1) domain antibody prevents pulmonary inflammation in experimental acute lung injury** (2018) Proudfoot A, Bayliffe A, O'Kane C, Wright T, Serone A, Bareille P, Brown V, Hamid U, Chen Y, Wilson R, Cordy J, Morley P, de Wildt Ruud, Elborn S, Hind M, Chilvres E, Griffiths M, Summers C, McAuley D [Thorax](#)

**Dose escalation results from a first-in-human, phase I study of glucocorticoid-induced TNF receptor-related protein agonist AMG 228 in patients with advanced solid tumors** (2018) Tran B, Carvajal RD, Marabelle A, Patel SP, LoRusso PM, Rasmussen E, Juan G, Upreti VV, Beers C, Ngarmchamnanrith G, Schoffski P [Journal for ImmunoTherapy of Cancer](#)

**Dendritic cell immunotherapy followed by cART interruption during HIV-1 infection induces plasma protein markers of cellular immunity and neutrophil recruitment** (2018) van den Ham HJ, Cooper J, Tomasik J, Bahn S, Aerts J, Oseterhaus A, Gruters R, Andeweg A [PLoS One](#)

**Clinical pharmacokinetics, pharmacodynamics, safety, and tolerability of JNJ-54175446, a brain permeable P2X7 antagonist, in a randomised single-ascending dose study in healthy participants** (2018) Timmers M, Ravenstijn P, Xi L, Triana-Baltzer G, Furey M, Van Hemelryck S, Biewenga J, Ceusters M, Bhattacharya A, van den Boer M, van Nueten L, de Boer P [Journal of Psychopharmacology](#)

**Peripheral immune system in aging and Alzheimer's disease.** (2018) Cao W, Zheng H [Molecular Neurodegeneration](#)

**Key Proteins Involved in Spheroid Formation and Angiogenesis in Endothelial Cells After Long-Term Exposure to Simulated Microgravity** (2018) Dittrich A, Grimm D, Sahana J, Bauer J, Kruger M, Infanger M, Magnusson N [Cellular Physiology and Biochemistry 2018](#)

## Bibliography

**Serum kidney injury molecule 1 and B2-microglobulin perform as well as larger biomarker panels for prediction of rapid decline in renal function in type 2 diabetes** (2018) Colombo M, Looker HC, Farran B, Hess S, Groop L, Palmer CNA, Brosnan MJ, Dalton RN, Wong M, Turner C, Ahlqvist E, Dunger D, Agakov F, Durrington P, Livingstone S, Betteridge J, McKeigue PM, Colhoun HM [Diabetologia](#)

**Medial Forebrain Bundle Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Importance of BDNF and Inflammatory Cytokines** (2018) Dandekar MP, Saxena A, Scaini G, Shin JH, Migut A, Giridharan VV, Zhou Y, Barichello T, Soares JC, Quevedo J, Fenoy AJ [Molecular Neurobiology](#)

**Allostatic load is associated with psychotic symptoms and decreases with antipsychotic treatment in patients with schizophrenia and first-episode psychosis** (2018) Berger M, Juster RP, Westphal S, Amminger P, Bogerts B, Schiltz K, Bahn S, Steiner J, Sarnyai Z [Psychoneuroendocrinology](#)

**Phase I study of BNC105P, carboplatin and gemcitabine in partially platinum-sensitive ovarian cancer patients in first or second relapse (ANZGOG-1103)** (2018) Lindemann K, Beale PJ, Rossi E, Goh JC, Vaughan MM, Tenney ME, Martyn JK, Sommeijer D, Iglesias JL, Kremmidiotis G, Simpson J, Doolin E, Lavranos TC, Veillard AS, Espinoza D, Stockler MR, Rischin D [Cancer Chemotherapy and Pharmacology](#)

**Multiple biomarker panel to screen for severe aortic stenosis: results from the CASABLANCA study** (2018) Elmariah S, McCarthy C, Ibrahim N, Furman D, Mukai R, Magaret C, Rhyne R, Barnes G, van Kimmenade RRJ, Januzzi Jr JL [Open Heart](#)

**Phase Ib Study of Glasdegib, A Hedgehog Pathway Inhibitor, in** (2018) Savona M, Pollyea D, Stock W, Oehler V, Schroeder MA, Lancet J, McCloskey J, Kantarigian H, Ma WW, Shaik MN, Laird AD, Zeremski M, O'Connell A, Chan G, Cortes JE [Clinical Cancer Research](#)

**Phase I/II trial of combination of anti-CD3/CD7 immunotoxins for steroid-refractory acute graft-versus-host disease** (2018) Groth C, van Groningen LFJ, Matos TR, Bremmers ME, Preijers FWMB, Dolstra H, Reicherts C, Schaap NPM, van Hooren EHG, Int'Hout J, Masereeuw R, Netea MG, Levine JE, Morales G, Ferrara JL, Blijlevens NMA, van Oosterhout YVJM, Stelljes M, van der Velden WJFM [Biology of Blood and Marrow Transplantation](#)

**PEGylated IL-10 (Pegilodecakin) Induces Systemic Immune Activation, CD8+ T Cell Invigoration and Polyclonal T Cell Expansion in Cancer Patients** (2018) Naing A, Infante JR, Papadopoulos KP, Chan IH, Shen C, Ratti NP, Autio KA, Wong DJ, Patel MR, Ott PA, Falchook GS, Pant S, Hung A, Pekarek KL, Wu V, Adamow M, McCauley S, Mumm JB, Wong P, Van Vlasselaer P, Leveque J, Tannir NM, Oft M [Cancer Cell](#)

**Embelin and its derivatives unravel the signaling, proinflammatory and antiatherogenic properties of GPR84 receptor** (2018) Gaidarov I, Anthony T, Gatlin J, Chen X, Mills D, Solomon M, Han S, Semple G, Unett DJ [Pharmacological Research](#)

**Elevated circulating MMP-9 is linked to increased COPD exacerbation in SPIROMICS and COPD Gene** (2018) Wells JM, Parker MM, Oster RA, Bowler RP, Dransfield MT, Bhatt SP, Cho MH, Kim V, Curtis JL, Martinez FJ, Paine R 3rd, O'Neal W, Labaki WW, Kaner RJ, Barjaktarevic I, Han MK, Silverman EK, Crapo JD, Barr RG, Woodruff P, Castaldi PJ, Garg A [JCI Insight](#)

**Type I interferon receptor blockade with anifrolumab corrects innate and adaptive immune perturbations of SLE** (2018) Casey KA, Guo X, Smith MA, Wang S, Sinibaldi D, Sanjuan MA, Wang L, Illei GG, White WI [Lupus Science and Medicine](#)

**Biomarkers of diabetic kidney disease** (2018) Colhoun HM, Marcovecchio ML [Diabetologia](#)

**Association of baseline inflammatory markers and the development of negative symptoms in individuals at clinical high risk for psychosis** (2018) Goldsmith DR, Haroon E, Miller AH, Addington J, Bearden C, Cadenhead K, Cannon T, Cornblatt B, Mathalon D, McGlashan T, Seidman L, Tsunag M, Woods SW, Walker EF, Perkins DO [Brain, Behavior, and Immunity](#)



## Bibliography

**Pegbelfermin (BMS-986036), PEGylated FGF21, in Patients with Obesity and Type 2 Diabetes: Results from a Randomized Phase 2 Study** (2018) Charles ED, Neuschwander-Tetri BA, Pablo Frias J, Kundu S, Luo Y, Tiruchera GS, Christian R [Obesity \(Silver Spring\)](#)

**Effects of canagliflozin versus glimepiride on adipokines and in inflammatory biomarkers in type 2 diabetes** (2018) Garvey WT, Van Gaal L, Leiter LA, Vijapurkar U, List J, Cuddihy R, Ren J, Davies M [Metabolism Clinical and Experimental](#)

**Serum Apolipoprotein E and Other Inflammatory Markers Can Identify Non-Responding Patients to a Dendritic Cell Vaccine** (2018) Leeman H, Kaminska E, Green D, Bodman-Smith M, Gravett A, Bodman-Smith K, Copier J, Coulton G, Fusi A, Dalglish AG [Translational Oncology](#)

**Serum IP-10 levels and increased DPPIV activity are linked to circulating CXCR3+ T cells in cholestatic HCV patients** (2018) Rau M, Schmitt J, Berg T, Kremer AE, Stieger B, Spanaus K, Bengsch B, Romero MR, Marin JJ, Keitel V, Klinker H, Tony HP, Mullhaupt B, Geier A [PLoS One](#)

**Idiopathic Pulmonary Fibrosis: Prospective, Case-Controlled Study of Natural History and Circulating Biomarkers** (2018) Raghu G, Richeldi L, Jagerschmidt A, Martin V, Subramaniam A, Ozoux ML, Esperet CA, Soubrane C [Chest](#)

**Dominance rank-associated gene expression is widespread, sex-specific, and a precursor to high social status in wild male baboons** (2018) Lea AJ, Akinyi MY, Nyakundi R, Mareri P, Kariuki T, Alberts SC, Archie EA, Tung J [PNAS](#)

**S100A12 and S100A8/9 proteins are biomarkers of articular disease activity in Blau syndrome** (2018) Wang L, Rose CD, Foley KP, Anton J, Bader-Meunier B, Brissaud P, Chedeville G, Cimaz R, Fernandez-Martin J, Guly C, Hachulla E, Harjacek M, Mackensen F, Merino R, Modesto C, Hernandez A, Pajot C, Ramanan A, Thatayatikom A, Thomee C, Vastert S, Votta B, Bertin J, Wouters CH [Rheumatology](#)

**Targeting the CD40-CD40L pathway in autoimmune diseases: Humoral immunity and beyond** (2018) Karnell JL, Amcaoglu Rider S, Ettinger R, Kolbeck R [Advanced Drug Delivery Reviews](#)

**Centrilobular emphysema and coronary artery calcification: mediation analysis in the SPIROMICS cohort** (2018) Bhatt SP, Nath HP, Kim YI, Ramachandran R, Watts JR, Terry NLJ, Sonavane S, Deshmane SP, Woodruff PG, Oelsner EC, Bodduluri S, Han MK, Labaki WW, Michael Wells J, Martinez FJ, Barr RG, Dransfield MT, SPIROMICS investigators [Respiratory Research](#)

**Testosterone, sex hormone-binding globulin and risk of cardiovascular events: A report from the Outcome Reduction with an Initial Glargine Intervention trial** (2018) Wang A, Arver S, Boman K, Gerstein HC, Fu Lee S, Hess S, Ryden L, Mellbin LG [Preventive Cardiology](#)

**RNA-antimicrobial peptide complexes fuel a TLR- and NETosis-mediated inflammatory cycle of neutrophil activation in psoriasis** (2018) Herster F, Bittner Z, Dickhoefer S, Eisel D, Eigenbrod T, Knorpp T, Schneiderhan-Marra N, Loeffler MW, Hartl D, Freund L, Schaekel K, Heiser M, Ghoreschi K, Weber ANR [bioRxiv](#)

**Toxoplasma gondii inactivates human plasmacytoid dendritic cells by functional mimicry of IL-10** (2018) Piotr L, Zhao Y, Singh S, Dai J, Yap GS, Fitzgerald-Bocarsly P [The Journal of Immunology](#)

**Drug-induced Obstructive and Retrograde Nephropathy Associated with  $\alpha$ 2u-globulin in Male Rats** (2018) Jacobsen B, Freichel C, Eichinger-Chapelon A, Brink A, Hoflack JC, Albassam M, Lenz B [Toxicologic Pathology](#)

**Pharmacokinetics of Telavancin at Fixed Doses in Normal-Body-Weight and Obese (Classes I, II and III) Adult Subjects** (2018) Bunnell KL, Pai MP, Sikka M, Bleasdale S, Wenzler E, Danziger LH, Rodvold KA [Antimicrobial Agents and Chemotherapy](#)

**PF-04447943, a Phosphodiesterase 9A Inhibitor, in Stable Sickle Cell Disease Patients: A Phase Ib Randomized, Placebo-Controlled Study** (2018) Charnigo RJ, Beidler D, Rybin D, Pittman DD, Tan B, Howard J, Michelson AD, Frelinger AL II, Clark

## Bibliography

### N [Clinical and Translational Science](#)

**Lower serum IgA is associated with COPD exacerbation risk in SPIROMICS** (2018) Putcha N, Paul GG, Azar A, Wise RA, O'Neal WK, Dransfield MT, Woodruff PG, Curtis JL, Comellas AP, Drummond MB, Lambert AA, Paulin LM, Fawzy A, Kanner RE, Paine R 3rd, Han MK, Martinez FJ, Bowler RP, Barr RG, Hansel NN, SPIROMICS investigators [PLoS One](#)

**Carbon nanotube and nanofiber exposure and sputum and blood biomarkers of early effect among U.S. workers** (2018) Beard JD, Erdely A, Dahm MM, de Perio MA, Birch ME, Evans DE, Fernback JE, Eye T, Kodali V, Mercer RR, Bertke SJ, Schubauer-Berigan MK [Environmental Internation 116 \(2018\)](#)

**Digital Health: a new dimension in rheumatology patient care** (2018) Kataria S, Ravindran V [Rheumatology International](#)

**CSF1R+ macrophages sustain pancreatic tumor growth through T cell suppression and maintenance of key gene programs that define the squamous subtype** (2018) Candido J, Morton JP, Bailey P, Barry ST, Balkwill FR, Sansom OJ [Cell Reports](#)

---

**Three-dimensional growth of human endothelial cells in an automated cell culture experiment container during the SpaceX CR-8 ISS space mission - The SPHEROIDS project.** (2017) Pietsch J, Gass S2, Nebuloni S, Echegoyen D, Riwaldt S, Baake C, Bauer J, Corydon TJ, Egli M, Infanger M, Grimm D [Biomaterials](#)

**Prophylactic Treatment with Cerium Oxide Nanoparticles Attenuate Hepatic Ischemia Reperfusion Injury in Sprague Dawley Rats.** (2017) Manne NDPK, Arvapalli R, Graffeo VA, Bandarupalli VVK, Shokuhfar T, Patel S, Rice KM, Ginjupalli GK, Blough ER [Cell Physiol Biochem](#)

**Toxicity of the main electronic cigarette components, propylene glycol, glycerin, and nicotine, in Sprague-Dawley rats in a 90-day OECD inhalation study complemented by molecular endpoints.** (2017) Phillips B, Titz B, Kogel U, Sharma D, Leroy P, Xiang Y, Vuillaume G, Lebrun S, Sciuscio D2, Ho J, Nury C2, Guedj E, Elamin A, Esposito M, Krishnan S, Schlage WK, Veljkovic E, Ivanov NV, Martin F, Peitsch MC, Hoeng J, Vanscheeuwijck P [Food Chem Toxicol.](#)

**The role of anxious distress in immune dysregulation in patients with major depressive disorder.** (2017) Gaspersz R, Lamers F, Wittenberg G, Beekman ATF, van Hemert AM, Schoevers RA, Penninx BWJH [Transl Psychiatry](#)

**CSF protein changes associated with hippocampal sclerosis risk gene variants highlight impact of GRN/PGRN.** (2017) Fardo DW, Katsumata Y, Kauwe JS, Deming Y, Harari O, Cruchaga C; Alzheimer's Disease Neuroimaging Initiative, Nelson PT [Exp Gerontol](#)

**Clinical Features of Psoriatic Arthritis: a Comprehensive Review of Unmet Clinical Needs.** (2017) McArdle A, Pennington S, FitzGerald O [Clin Rev Allergy Immunol.](#)

**Inflammatory profile analysis reveals differences in cytokine expression between smokers, moist snuff users, and dual users compared to non-tobacco consumers.** (2017) Sgambato JA, Jones BA, Caraway JW, Prasad GL [Cytokine](#)

**The impact of micronutrient status on health: correlation network analysis to understand the role of micronutrients in metabolic-inflammatory processes regulating homeostasis and phenotypic flexibility.** (2017) van den Broek TJ, Kremer BH, Marcondes Rezende M, Hoevenaars FP, Weber P, Hoeller U, van Ommen B, Wopereis S [Genes Nutr](#)

**Peripheral biomarkers of major depression and antidepressant treatment response: Current knowledge and future outlooks** (2017) Gadad BS, Jha MK, Czysz A, Furman JL, Mayes TL, Emslie MP, Trivedi MH [J Affect Disord](#)

**Soluble intercellular adhesion molecule-1: a potential biomarker for pain intensity in chronic pain patients.** (2017) Luchting B,

## Bibliography

Hinske LC, Rachinger-Adam B, Celi LA, Kreth S, Azad SC [Biomark Med](#)

**Serum proteins mediate depression's association with dementia** (2017) Royall DR, Al-Rubaye S, Bishnoi R, Palmer RF [Plos One](#)

**In Vivo Toxicity Assessment of Occupational Components of the Carbon Nanotube Life Cycle To Provide Context to Potential Health Effects.** (2017) Bishop L, Cena L, Orandle M, Yanamala N, Dahm MM, Birch ME, Evans DE, Kodali VK, Eye T1, Battelli L, Zeidler-Erdely PC, Casuccio G, Bunker K, Lupoi JS, Lersch TL, Stefaniak AB, Sager T, Afshari A, Schwegler-Berry D, Friend S, Kang J, Siegrist KJ, Mitchell CA, Lowry DT, Kashon ML, Mercer RR, Geraci CL, Schubauer-Berigan MK, Sargent LM, Erdely A. [ACS Nano](#).

**Effects of Traumeel (Tr14) on recovery and inflammatory immune response after repeated bouts of exercise: a double-blind RCT.** (2017) Muders K, Pilat C, Deuster V, Frech T, Krüger K, Pons-Kuhnemann J, Mooren FC [Eur J Appl Physiol](#).

**Identifying baseline immune-related biomarkers to predict clinical outcome of immunotherapy** (2017) Gnjatic S, Bronte V, Brunet LR, Butler MO, Disis ML, Galon J, Hakansson LG, Hanks BA, Karanikas V, Khleif SN, Kirkwood JM, Miller LD, Schendel DJ, Tanneau I, Wigginton JM and Butterfield LH [J Immunother Cancer](#)

**Effect of DHA supplementation on oxylipin levels in plasma and immune cell stimulated blood.** (2017) Schuchardt JP, Ostermann AI, Stork L, Fritsch S, Kohrs H, Greupner T, Hahn A, Schebb NH [Prostaglandins Leukot Essent Fatty Acids](#)

**Homeobox, Wnt, and Fibroblast Growth Factor Signaling is Augmented During Alveogenesis in Mice Lacking Superoxide Dismutase 3, Extracellular** (2017) Thimraj TA, Birru RL, Mitra A, Schulz H, Leikauf GD, Ganguly K [Lung](#)

**The REAnimation Low Immune Status Markers (REALISM) project: a protocol for broad characterisation and follow-up of injury-induced immunosuppression in intensive care unit (ICU) critically ill patients** (2017) Rol ML, Venet F, Rimmele T, Moucadel V, Cortez P, Quemeneur L, Gardiner D, Griffiths A, Pachot A, Textoris J, Monneret G, On behalf of the REALISM study group [BMJ Open](#)

**A multivariate predictive modeling approach reveals a novel CSF peptide signature for both Alzheimer's Disease state classification and for predicting future disease progression** (2017) Llano DA, Bundela S, Mudar RA, Devanarayan V [Plos One](#)

**PH20 is not expressed in murine CNS and oligodendrocyte precursor cells** (2017) Marella M, Ouyang J, Zombeck J, Zhao C, Huang L, Connor RJ, Phan KB, Jorge MC, Printz MA, Paladini RD, Gelb AB, Huang Z, Frost GI, Sugarman BJ, Steinman L, Wei G, Shepard HM, Maneval DC, Lapinskas PJ [Ann Clin Transl Neurol](#)

**Novel inflammatory markers for incident pre-diabetes and type 2 diabetes: the Rotterdam Study** (2017) Brahimaj A, Ligthart S, Ghanbari M, Ikram MA, Hofman A, Franco OH, Kavousi M, Dehghan A [Eur. J. Epidemiol.](#)

**The AT04A vaccine against proprotein convertase subtilisin/kexin type 9 reduces total cholesterol, vascular inflammation, and atherosclerosis in APOE\*3Leiden. CETP mice** (2017) Landlinger C, Pouwer MG, Juno C, van der Hoorn J, Pieterman EJ, Jukema JW, Staffler G, Princen H, and Galabova, G [Eur. Heart J.](#)

**Standardized whole blood stimulation improves immunomonitoring of induced immune responses in multi-center study** (2017) Duffy D, Rouilly V, Braudeau C, Corbière V, Djebali R, Ungeheuer MN, Josien R, LaBrie ST, Lantz O, Louis D, Martinez-Caceres E, Mascart F, Ruiz de Morales JG, Ottone C, Redjah L, Guen N, Savenay A, Schmolz M, Toubert A, Albert ML [Clin Immunol](#)

**Inhibition of arginase by CB-1158 blocks myeloid cell-mediated immune suppression in the tumor microenvironment.** (2017) Steggerda SM, Bennett MK, Chen J, Emberley E, Huang T, Janes JR, Li W, MacKinnon AL, Makkouk A, Marguier G, Murray PJ, Neou S, Pan A, Parlati F, Rodriguez MLM, Van de Velde LA, Wang T, Works M, Zhang J, Zhang W, Gross MI [J Immunother Cancer](#)

**Few serum proteins mediate APOE's association with dementia.** (2017) Royall DR, Al-Rubaye S, Bishnoi R, Raymond PF [PLOS ONE](#)



## Bibliography

- Human umbilical cord plasma proteins revitalize hippocampal function in aged mice.** (2017) Castellano JM, Mosher KI, Abbey RJ, McBride AA, James ML, Berdnik D, Shen JC, Zou B, Xie XS, Tingle M, Hinkson IV, Angst MS, Wyss-Coray T [Nature](#)
- The impact of antiretroviral therapy on iron homeostasis and inflammation markers in HIV-infected patients with mild anemia.** (2017) Quiros-Roldan E, Castelli F, Lanza P, Pezzoli C, Vezzoli M; Inflammation in HIV Study Group, Biasiotto G, Zanella I [J Transl Med.](#)
- Dietary Buglossoides Arvensis Oil Increases Circulating n-3 Polyunsaturated Fatty Acids in a Dose Dependent Manner and Enhances Lipopolysaccharide-Stimulated Whole Blood Interleukin-10-A Randomized Placebo-Controlled Trial.** (2017) Lefort N, LeBlanc R, Surette M [Nutrients](#)
- Serum thyroid-stimulating hormone and interleukin-8 levels in boys with autism spectrum disorder** (2017) Singh S, Yazdani U, Gadad B, Zaman S, Hynan LS, Roatch N, Schutte C, Marti CN, Hewitson L and German DC [J. Neuroinflammation](#)
- Distinctive roles of age, sex, and genetics in shaping transcriptional variation of human immune responses to microbial challenges.** (2017) Piasecka B, Duffy D, Urrutia A, Quach H, Patin E, Posseme C, Bergstedt J, Charbit B, Rouilly V, MacPherson CR, Hasan M, Albaud B, Gentien D, Fellay J, Albert ML, Quintana-Murci L, Milieu Intérieur Consortium [Proc Natl Acad Sci U S A](#)
- Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A case-control study.** (2017) Steele NZ, Carr JS, Bonham LS, Geier EG, Damotte V, Miller ZA, Desikan RS, Boehme KL, Mukherjee S, Crane PK, Kauwe JS, Kramer JH, Miller BL, Coppola G, Hollenbach JA, Huang Y, Yokoyama JS [PloS Med.](#)
- Cigarette smoke disrupts monolayer integrity by altering epithelial cell-cell adhesion and cortical tension.** (2017) Nishida K, Brune KA, Putcha N, Mandke P, O'Neal WK, Shade D, Srivastava V, Wang M, Lam H, An SS, Drummond MB, Hansel NN, Robinson DN, Sidhaye VK. [Am J Physiol Lung Cell Mol Physiol](#)
- Relation of antioxidant capacity of diet and markers of oxidative status with C-reactive protein and adipocytokines: a prospective study.** (2017) Stringa N, Brahimaj A, Zaciragic A, Dehghan A, Ikram MA, Hofman A, Muka T, Kieft-de Jong JC, Franco OH [Metab.](#)
- Do single or sequential measurements of leptin and adiponectin in plasma have prognostic value in pulmonary arterial hypertension?** (2017) Tonelli AR, Fares WH, Dakkak W, Rao Y, Zhou X, Dweik RA [Pulm Circ](#)
- Impact of Maternal antibodies and infant gut microbiota on the immunogenicity of rotavirus vaccines in African, Indian, and European infants: protocol for a prospective cohort study.** (2017) Sindhu KN, Cunliffe N, Peak M, Turner M, Darby A, Grassly N, Gordon M, Dube Q, Babji S, Praharaj I, Verghese V, Iturriza-Gomara M, Kang G [BMJ](#)
- Altered Expression of MicroRNAs in Rheumatoid Arthritis** (2017) Tavasolian E, Abdollahi E, Rezaei R, Momtazi AA, Henrotin Y, Sahebkar A [J. Cell. Biochem.](#)
- Immunodepression after CPB: Cytokine dynamics and clinics after pediatric cardiac surgery – A prospective trial** (2017) Justus G, Walker C, Rosenthal LM, Berger F, Miera O, Schmitt KR [Cytokine](#)
- Vitamin D-deficiency and sex-specific dysregulation of placental inflammation** (2017) Liu NQ, Lerner DP, Yao Q, Chun RF, Ouyang Y, Zhou R, Tamblyn JA, Wagner CL, Hewison M [J Steroid Biochem Mol Biol.](#)
- Usefulness of Multiple Biomarkers for Predicting Incident Major Adverse Cardiac Events in Patients Undergoing Diagnostic Coronary Angiography (From the Catheter Sampled Blood Archive in Cardiovascular Diseases [CASABLANCA] Study)** (2017) McCarthy CP, Van Kimmenade R, Gaggin HK, Simon ML, Ibrahim NE, Gandhi P, Kelly N, Motiwala SR, Belcher AM, Harisiades J, Margaret CA, Rhyne RF, Januzzi Jr. JL [Am J Cardiol](#)

## Bibliography

**Exploring hepsin functional genetic variation association with disease specific protein expression in bipolar disorder: Applications of a proteomic informed genomic approach** (2017) Nassan M, Jia Y, Jenkins G, Colby C, Feeder S, Choi D, Veldic M, McElroy SL, Bond DJ, Weinshilboum R, Biernacka JM, Frye MA [J Psychiatr Res](#)

**A Multi-Biomarker Disease Activity Score and the Choice of Second-Line Therapy in Early Rheumatoid Arthritis after Methotrexate Failure** (2017) Hambardzumyan K, Saevarsdottir S, Forslind K, Petersson IF, Wallman JK, Ernestam S, Bolce RJ, van Vollenhoven RF [Arthritis Rheumatol](#)

**Neuronal Pentraxin 2 predicts medial temporal atrophy and memory decline across the Alzheimer's disease spectrum.** (2017) Swanson A, Willette AA; Alzheimer's Disease Neuroimaging Initiative. [Brain Behav Immun.](#)

**Complexity of Macrophage Migration Inhibitory Factor (MIF) and Other Angiogenic Biomarkers Profiling in Pulmonary Arterial Hypertension.** (2017) Marshall JD, Sauler M, Tonelli A, Rao Y, Bucala R, Lee P, Fares W [Pulm Circ.](#)

**Changes in IL-17A, macrophage-derived chemokine and adiponectin following treatment of psoriasis with calcipotriol plus betamethasone dipropionate aerosol foam: results from the PSO-ABLE study.** (2017) RÄpke M, Bulai Livideanu C, Kaldate R, Snel A, Paul C [Br J Dermatol.](#)

**Altered Immune Activation and IL-23 Signaling in Response to Candida albicans in Autoimmune Polyendocrine Syndrome Type 1** (2017) Bruserud O, Bratland E, Hellesen A, Delaleu N, Reikvam H, Oftedal BE, and Wolff A [Front Immunol.](#)

**A randomised, placebo-controlled trial of anti-interleukin-1 receptor 1 monoclonal antibody MEDI8968 in chronic obstructive pulmonary disease.** (2017) Calverley PMA, Sethi S, Dawson M, Ward CK, Finch DK, Penney M, Newbold P, van der Merwe R [Respir Res.](#)

**Inflammatory proteins in nasal lavage of workers exposed to occupational agents.** (2017) Castano R, Yucesoy B, Johnson VJ, Castellanos L, Cartier A [Clin Exp Allergy](#)

**Nintedanib macrophage activation and ameliorates vascular and fibrotic manifestations in the Fra2 mouse model of systemic sclerosis** (2017) Huang J, Maier C, Zhang Y, Soare A, Dees C, Beyer C, Harre U, Chen CW, Distler O, Schett G, Wollin L, Distler JHW [Ann Rheum Dis.](#)

**Intrathecal 2-hydroxypropyl- $\beta$ -cyclodextrin decreases neurological disease progression in Niemann-Pick disease, type C1: a non-randomised, open-label, phase 1-2 trial.** (2017) Ory DS, Ottinger EA, Farhat NY, King KA, Jiang X, Weissfeld L, Berry-Kravis E, Davidson CD, Bianconi S, Keener LA, Rao R, Soldatos A, Sidhu R, Walters KA, Xu X, Thurm A, Solomon B, Pavan WJ, Machiels BN, Kao M, Silber SA, McKew JC, Brewer CC, Vite CH, Walkley SU, Austin CP, Porter FD [Lancet](#)

**The Orally Available Selective Axl Inhibitor BGB324 Induces Diversification of the Immune Repertoire and Specific Changes in Plasma Biomarker Profiles** (2017) Loges S, Gjertsen BT, Heuser M, Chromik J, Ben-Batalla I, Akyuz N, Micklem D, Brown A, Lorens J, Yule M, Kebenko M, Janning M, Binder M, Fiedler W, Cortes J [Blood](#)

**Glial cells are functionally impaired in juvenile neuronal ceroid lipofuscinosis and detrimental to neurons.** (2017) Parviainen L, Dihanich S, Anderson GW, Wong AM, Brooks HR, Abeti R, Rezaie P, Lalli G, Pope S, Heales SJ, Mitchison HM, Williams BP, Cooper JD [Acta Neuropathol Commun.](#)

**A Multibiomarker Disease Activity Score for Rheumatoid Arthritis Predicts Radiographic Joint Damage in the BeSt Study** (2017) Markusse IM, Dirven L, van den Broek M, Bijkerk C, Han K.H, Runday H.K, Bolce R, Sasso E, Kerstens P, Lems WF, Huizinga T, and Allaart CF [J Rheumatol.](#)

**Assessing biological and technological variability in protein levels measured in pre-diagnostic plasma samples of women with breast cancer.** (2017) Yeh CY, Adusumilli R, Kullolli M, Mallick P, John EM, Pitteri SJ [Biomark Res.](#)

## Bibliography

**An epithelial biomarker signature for idiopathic pulmonary fibrosis: an analysis from the multicentre PROFILE cohort study** (2017) Maher TM, Oballa E, Simpson JK, Porte J, Habgood A, Fahy WA, Flynn A, Monlyneaux PL, Braybrooke R, Divyateja H, Parfrey H, Rassl D, Russell AM, Saini G, Renzoni EA, Duggan AM, Hubbard R, Wells AU, Lukey PT, Marshall RP, Jenkins RG [Lancet Respir Med](#)

**Cytokine Release and Focal Adhesion Proteins in Normal Thyroid Cells Cultured on the Random Positioning Machine.** (2017) Warnke E, Pietsch J, Kopp S, Bauer J, Sahana J, Wehland M, Krüger M, Hemmersbach R, Infanger M, Lützenberg R, Grimm D [Cell Physiol Biochem](#).

**Perspectives on using a multiplex human kidney safety biomarker panel to detect cisplatin-induced tubular toxicity in male and female Cynomolgus monkeys.** (2017) Chen Y, Dale Thurman J, Kinter LB, Bialecki R, Eric McDuffie J [Toxicol Appl Pharmacol](#).

**Biomarker-guided stratification of autoimmune patients for biologic therapy.** (2017) Ivson S, Des Rosiers C, Lesage S, Rioux JD, Levings MK. [Curr Opin Immunol](#).

**Exercise training reverses inflammation and muscle wasting after tobacco smoke exposure.** (2017) Krüger K, Seimetz M, Ringseis R, Wilhelm J, Pichl A, Couturier A, Eder K, Weissmann N, Mooren FC [Am J Physiol Regul Integr Comp Physiol](#).

**IL-18 associated with lung lymphoid aggregates drives IFN $\gamma$  production in severe COPD.** (2017) Briend E, Ferguson GJ, Mori M, Damera G, Stephenson K, Karp NA, Sethi S, Ward CK, Sleeman MA, Erjefält JS, Finch DK [Respir Res](#).

**Randomized clinical study of safety, pharmacokinetics, and pharmacodynamics of RIPK1 inhibitor GSK2982772 in healthy volunteers** (2017) Weisel K, Scott NE, Tompson DJ, Votta BJ, Madhavan S, Povey K, Wolstenholme A, Simeoni M, Rudo T, Richards-Peterson L, Sahota T, Wang JE, Lich J, Finger J, Verticelli A, Reilly M, Gough PJ, Harris PA, Bertin J, Wang M [Pharmacol Res Perspect](#).

**Inflammatory profile discriminates clinical subtypes in LRRK2-associated Parkinson's disease** (2017) Brockmann K, Schulte C, Schneiderhan-Marra N, Apel A, Pont-Sunyer C, Vilas D, Ruiz-Martinez J, Langkamp M, Corvol JC, Cormier F, Knorrp T, Joos TO, Bernard A, Gasser T, Marras C, Schule B, Aasly JO, Foroud T, Marti-Masso JF, Brice A, Tolosa E, Berg D, Maetzler W. [Eur J Neurol](#)

**Protein Biomarker Druggability Profiling** (2017) Mani S, Cannon D, Ohls R, Oprea T, Mathias S, Ballard K, Ursu O, Bologa C [J Biomed Inform](#)

**Proteomics to predict the response to tumour necrosis factor- $\alpha$  inhibitors in rheumatoid arthritis using a supervised cluster-analysis based protein score** (2017) Cuppen BVJ, Fritsch-Stork RDE, Eekhout, W de Jager I, Marijnissen AC, Bijlsma JWJ, Custers M, Van Laar JM, Lafeber FPJG, Welsing PMJ & on behalf of all Society for Rheumatology Research Utrecht (SRU) investigators [Scand J Rheumatol](#)

**Assessment of Proteomic Measures Across Serious Psychiatric Illness.** (2017) Schulz SC, Overgaard S, Bond DJ, Kaldate R. [Clin Schizophr Relat Psychoses](#)

**Biosynthesis of cerium oxide nanoparticles and their effect on lipopolysaccharide (LPS) induced sepsis mortality and associated hepatic dysfunction in male Sprague Dawley rats.** (2017) Chen G, Xu Y [Mater Sci Eng C Mater Biol Appl](#).

---

**Assessment of Urine Proteomics in Type 1 Primary Hyperoxaluria\****American Journal of Nephrology* (2016) Brooks ER, Hoppe B, Milliner DS, Salido E, Rim J, Krevitt LM, Olson JB, Price HE, Vural G, Langman CB [American Journal of Nephrology](#)

**Safety, Antitumor Activity, and Immune Activation of Pegylated Recombinant Human Interleukin-10 (Am0010) in Patients with Advanced Solid Tumors** (2016) Naing A, Papadopoulos KP, Autio KA, Ott PA, Patel MR, Wong DJ, Falchook GS, Pant S, Whiteside

## Bibliography

M, Rasco DR, Mumm JB, Chan IH, Bendell JC, Bauer TM, Colen RR, Hong DS, Van Vlasselaer P, Tannir NM, Oft M, Infante JR [Journal of Clinical Oncology](#)

**Altered Cerebrospinal Fluid Proteins in Smith-Lemli** (2016) Cologna SM, Shieh C, Toth CL, Cougnoux A, Burkert KR, Bianconi SE, Wassif CA, Porter FD [American Journal of Medical Genetics Part A](#)

**Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses** (2016) Urrutia A, Duffy D, Rouilly V, Posseme C, Djebali R, Illanes G, Libri V, Albaud B, Gentien D, Piasecka B, Hasan M, Fontes M, Quintana-Murci L, Albert Matthew I, Abel L, Alcover A, Astrom K, Bouso P, Bruhns P, Cumano A, Demangel C, Deriano L, Di santo J, Dromer F, Eberl G, Enninga J, Fellay J, Freitas A, Gelpi O, Gomperts-Boneca I, Herberg S, Lantz O, Leclerc C, Mouquet H, Pellegrini S, Pol S, Rogge L, Sakuntabhai A, Schwartz O, Schwikowski B, Shorte S, Soumelis V, Tangy F, Tartour E, Toubert A, Ungeheuer M-N, Quintana-Murci L, Albert Matthew [Cell Reports](#)

**Predictors of Asthma Following Severe Respiratory Syncytial Virus (Rsv) Bronchiolitis in Early Childhood** (2016) Lu S, Hartert TV, Everard ML, Giezek H, Nelsen L, Mehta A, Patel H, Knorr B, Reiss TF [Pediatric Pulmonology](#)

**Blood-based immune-endocrine biomarkers of treatment response in depression** (2016) Chan MK, Cooper JD, Bot M, Birkenhanger TK, Bergink V, Drexhage HA, Steiner J, Rothermundt M, Penninx BWJH, Bahn S [Journal of Psychiatric Research](#)

**Effects of Repeated Complement Activation Associated with Chronic Treatment of Cynomolgus Monkeys with 2'-O-Methoxyethyl Modified Antisense Oligonucleotide** (2016) Shen L, Engelhardt JA, Hung G, Yee J, Kikkawa R, Matson J, Tayfeh B, Machemer T, Giclas PC, Henry SP [Nucleic Acid Therapeutics](#)

**Towards a Blood-Based Diagnostic Panel for Bipolar Disorder** (2016) Haenisch F, Cooper JD, Reif A, Kittel-Schneider S, Steiner J, Leweke FM, Rothermundt M, Van Beveren NJM, Crespo-Facorro B, Niebuhr DW, Cowan DN, Weber NS, Yolken RH, Penninx BWJH, Bahn S [Brain, Behavior, and Immunity](#)

**The Different Effects of Strength and Endurance Exercise Training on Cox-2 and Mpges-Expression in Mouse Brain Are Independent of Peripheral Inflammation** (2016) KrÄ½ger K, BredehÄ½ft J, Mooren FC, Rummel C [Journal of Applied Physiology](#)

**Phase 1 study of the anti-vascular endothelial growth factor receptor 3 monoclonal antibody LY3022856/IMC-3C5 in patients with advanced and refractory solid tumors and advanced colorectal cancer** (2016) Saif MW, Knost JA, Chiorean EG, Kambhampati SR, Yu D, Pytowski B, Qin A, Kauh JS, O'Neil BH [Cancer Chemother Pharmacol](#)

**Cerebrovascular and microglial states are not altered by functional neuroinflammatory gene variant** (2016) Felsky D, De Jager PL, Schneider JA, Arfanakis K, Fleischman DA, Arvanitakis Z, Honer WG, Pouget JG, Mizrahi R, Pollock BG, Kennedy JL, Bennett DA, Voineskos AN [J Cereb Blood Flow Metab](#)

**Type I Ifns Regulate Inflammation, Vasculopathy, and Fibrosis in Chronic Cutaneous Graft-Versus-Host Disease** (2016) Delaney TA, Morehouse C, Brohawn PZ, Groves C, Colonna M, Yao, Y, Sanjuan M, Coyle AJ [The Journal of Immunology](#)

**Variation in Serum Biomarkers with Sex and Female Hormonal Status: Implications for Clinical Tests** (2016) Ramsey JM, Cooper JD, Penninx BWJH, Bahn S [Scientific Reports](#)

**Plasma cystatin C and neutrophil gelatinase-associated lipocalin in relation to coronary atherosclerosis on intravascular ultrasound and cardiovascular outcome: Impact of kidney function (ATHEROREMO-IVUS study).** (2016) Brankovic M, Akkerhuis KM, Buljubasic N, Cheng JM, Oemrawsingh RM, Garcia-Garcia HM, Regar E, Serruys PW, van Geuns RJ, Boersma E, Kardys I. [Atherosclerosis](#)

**Genetic studies of plasma analytes identify novel potential biomarkers for several complex traits** (2016) Deming Y, Xia J, Cai Y, Lord J, Del-Aguila JL, Fernandez MV, Carrell D, Black K, Budde J, Ma S, Saef B, Howells B, Bertelsen S, Bailey M, Ridge PG, Alzheimer's Disease Neuroimaging Initiative (ADNI), Holtzman D, Morris JC, Bales K, Pickering EH, Lee J, Heitsch L, Kauwe J, Goate A, Piccio L, Cruchaga C [Scientific Reports](#)

## Bibliography

- Inflammatory Profile in Lrrk2-Associated Prodromal and Clinical Pd** (2016) Brockmann K, Apel A, Schulte C, Schneiderhan-Marra N, Pont-Sunyer C, Vilas D, Ruiz-Martinez J, Langkamp M, Corvol J-C, Cormier F, Knorrp T, Joos TO, Gasser T, Schüle B, Aasly JO, Foroud T, Marti-Masso JF, Brice A, Tolosa E, Marras C, Berg D, Maetzler W [Journal of Neuroinflammation](#)
- Enhanced Molecular Aging in Late-Life Depression: the Senescent Associated Secretory Phenotype** (2016) Diniz BS, Reynolds III CF, Sibille E, Lin C, Tseng G, Lotrich F, Aizenstein HJ, Butters MA [The American Journal of Geriatric Psychiatry](#)
- Pre-vaccination inflammation and B-cell signalling predict age-related hyporesponse to hepatitis B vaccination** (2016) Fourati S, Cristescu R, Loboda A, Talla A, Filali A, Railkar R, Schaeffer AK, Favre D, Gagnon D, Peretz Y, Wang IM, Beals CR, Casimiro DR, Carayannopoulos LN, SÁkaly RP [Nat Commun. 2016 Jan 8;7:10369](#)
- Immunomodulatory Activity of Nivolumab in Metastatic Renal Cell Carcinoma** (2016) Choueiri TK, Fishman M, Escudier B, McDermott DF, Drake CG, Kluger HM, Stadler WM, Perez-Gracia JL, McNeel DG, Curti BD, Harrison MR, Plimack ER, Appleman L, Fong L, Albiges L, Cohen LJ, Young TC, Chasalow SD, Ross-MacDonald P, Srivastava S, Jure-Kunkel M, Kurland JF, Simon JS, Sznol M [Clinical Cancer Research](#)
- Behavioural Traits Propagate across Generations Via Segregated Iterative-Somatic and Gametic Epigenetic Mechanisms** (2016) Mitchell E, Klein SL, Argyropoulos KV, Sharma A, Chan RB, Toth JG, Barboza L, Bavley C, Bortolozzi A, Chen Q, Liu B, Ingenito J, Mark W, Dudakov J, Gross S, Di Paolo G, Artigas F, Van Den Brink M, Toth M [Nature Communications](#)
- Pathogen and Host Response Dynamics in a Mouse Model of Borrelia hermsii Relapsing Fever** (2016) Crowder CD, Langeroudi AG, Estabragh AS, Lewis ERG, Marcsisin RA, Barbour AG [Veterinary Sciences](#)
- A Randomized Trial Evaluating Various Administration Routes of Natalizumab in Multiple Sclerosis** (2016) Plavina T, Fox EJ, Lucas N, Muralidharan KK, Mikol D [J Clin Pharmacol](#)
- Amyloid Proteotoxicity Initiates an Inflammatory Response Blocked by Cannabinoids** (2016) Currais A, Quehenberger O, Armando AM, Daugherty D, Maher P, Schubert D [NPJ Aging and Mechanisms of Disease](#)
- Biomarkers Predictive of Exacerbations in the SPIROMICS and COPD Gene Cohorts.** (2016) Keene JD, Jacobson S, Kechris K, Kinney GL, Foreman MG, Doerschuk CM, Make BJ, Curtis JL, Rennard SI, Barr RG, Bleecker ER, Kanner RE, Kleerup EC, Hansel NN, Woodruff PG, Han MK, Paine III R, Martinez FJ, Bowler RP, O'Neal WK; for COPD Gene and SPIROMICS Investigators. [Am J Respir Crit Care Med](#).
- Baseline results of the NeuroNEXT spinal muscular atrophy infant biomarker study** (2016) Kolb SJ, Coffey CS, Yankey JW, Krossschell K, Arnold WD, Rutkove SB, Swoboda KJ, Reyna SP, Sakonju A, Darras BT, Shell R, Kuntz N, Castro D, Iannaccone ST, Parsons J, Connolly AM, Chiriboga CA, McDonald C, Burnette WB, Werner K, Thangarajh M, Shieh PB, Finanger E, Cudkowicz ME, McGovern MM, McNeil DE, Finkel R, Kaye E, Kingsley A, Renusch SR, McGovern VL, Wang X, Zaworski PG, Prior TW, Burghes AH, Bartlett A, Kissel JT [Ann Clin Transl Neurol](#)
- Tenascin-C drives persistence of organ fibrosis** (2016) Bhattacharyya S, Wang W, Morales-Nebreda L, Feng G, Wu M, Zhou X, Lafyatis R, Lee J, Hinchcliff M, Feghali-Bostwick C, Lakota K, Budinger GRS, Raparia K, Tamaki Z, Varga J [Nature Communications](#)
- A phase 2 study of dalantercept, an activin receptor-like kinase-1 ligand trap, in patients with recurrent or metastatic squamous cell carcinoma of the head and neck.** (2016) Jimeno A, Posner MR, Wirth LJ, Saba NF, Cohen RB, Popa EC, Argiris A, Grossmann KF, Sukari A, Wilson D, Zhang X, Sun J, Glasser C, Attie KM, Sherman ML, Pandya SS, Weiss J. [Cancer](#)
- Serum apolipoprotein E is associated with long-term risk of Alzheimer's disease: the Rotterdam Study** (2016) Wolters FJ, Koudstaal PJ, Hofman A, Duijn CM, Ikram MA. [Neurosci Lett](#)
- Plasma proteomics in CML patients before and after initiation of tyrosine kinase inhibitor therapy reveals induced Th1**



## Bibliography

**immunity and loss of angiogenic stimuli.** (2016) SÅ¶derlund S, Christiansson L, Persson I, Hjorth-Hansen H, Richter J, Simonsson B, Mustjoki S, Olsson-StrÅ¶mberg U, Loskog A. [Leuk Res](#)

**Predicting Progression from Mild Cognitive Impairment to Alzheimer's Dementia Using Clinical, MRI, and Plasma Biomarkers via Probabilistic Pattern Classification** (2016) Korolev IO, Symonds LL, Bozoki AC; Alzheimer's Disease Neuroimaging Initiative [PLoS One](#)

**Endometriosis Leads to an Increased Trefoil Factor 3 Concentration in the Peritoneal Cavity but Does Not Alter Systemic Levels** (2016) Henze D, Doecke W-D, Hornung D, Agueusop I, Von Ahsen O, Machens K, Schmitz AA, Gashaw I [Reproductive Sciences](#)

**Endothelial adhesion molecules and multiple organ failure in patients with severe sepsis.** (2016) Amalakuhan B, Habib SA, Mangat M, Reyes LF, Rodriguez AH, Hinojosa CA, Soni NJ, Gilley RP, Bustamante CA, Anzueto A, Levine SM, Peters JI, Aliberti S, Sibila O, Chalmers JD, Torres A, Waterer GW, Martin-Loeches I, Bordon J, Blanquer J, Sanz F, Marcos PJ, Rello J, Ramirez J, SolÅ©-ViolÅ¶n J, Luna CM, Feldman C, Witzernath M, Wunderink RG, Stolz D, Wiemken TL, Shindo Y, Dela Cruz CS, Orihuela CJ, Restrepo MI. [Cytokine](#)

**Dynamic Macrophage Polarization-Specific miRNA Patterns Reveal Increased Soluble VEGF Receptor 1 by miR-125a-5p Inhibition.** (2016) Melton DW, Lei XF, Gelfond JAL, Shireman PK [Physiological Genomics](#)

**Do Single or Sequential Measurements of Leptin and Adiponectin in Plasma Have Prognostic Value in Pulmonary Arterial Hypertension?** (2016) Tonelli AR, Fares WH, Dakkak W, Rao Y, Dweik RA [Pulmonary Circulation](#)

**Roflumilast combined with montelukast versus montelukast alone as add-on treatment in patients with moderate-to-severe asthma** (2016) Bateman ED, Goehring UM, Richard F, Watz H [Journal of Allergy and Clinical Immunology](#)

**Comprehensive Systems Biology Analysis of a 7-Month Cigarette Smoke Inhalation Study in C57bl/6** (2016) Ansari S, Baumer K, BouÅ© S, Dijon S, Dulize R, Ekroos K, Elamin A, Foong C, Guedj E, Hoeng J, Ivanov NV, Krishnan S, Leroy P, Martin F, Merg C, Peck MJ, Peitsch MC, Phillips B, Schlage WK, Schneider T, Talikka M, Titz B, Vanscheeuwijck P, Veljkovic E, Vihervaara T, Vuillaume G, Woon CQ [Scientific Data](#)

**Evaluation of the Tobacco Heating System 2.2. Part 4: 90-day OECD 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects compared with cigarette smoke** (2016) Wong ET, Kogel U, Veljkovic E, Martin F, Xiang Y, Boue S, Vuillaume G, Leroy P, Guedj E, Rodrigo G, Ivanov NV, Hoeng J, Peitsch MC, Vanscheeuwijck P. [Regul Toxicol Pharmacol.](#)

**Coordinated Activation of Toll-Like Receptor8 (TLR8) and NLRP3 by the TLR8 Agonist, VTX-2337, Ignites Tumoricidal Natural Killer Cell Activity** (2016) Dietsch GN, Lu H, Yang Y, Morishima C, Chow LQ, Disis ML, Hershberg RM [PLoS ONE](#)

**A Potential Endophenotype for Alzheimer's Disease: Cerebrospinal Fluid Clusterin** (2016) Deming Y, Xia J, Cai Y, Lord J, Holmans P, Bertelsen S, Holtzman D, Morris JC, Bales K, Pickering EH, Kauwe J, Goate A, Cruchaga C [Neurobiology of Aging](#)

**Primary Analysis Of A Phase II Open-Label Trial Of INCB039110, A Selective JAK1 Inhibitor, In Patients With Myelofibrosis** (2016) Mascarenhas JO, Talpaz M, Gupta V, Foltz LM, Savona MR, Paquette R, Turner AR, Coughlin P, Winton E, Burn TC, O'Neill P, Clark J, Hunter D10, Assad A, Hoffman R, Verstovsek S [Haematologica](#)

**2. Plasma insulin-like growth factor I levels are higher in depressive and anxiety disorders, but lower in antidepressant medication users** (2016) Bot M, Milaneschi Y, Penninx BWJH, Drent ML [Psychoneuroendocrinology](#)

**Biological stress systems, adverse life events and the improvement of chronic multi-site musculoskeletal pain across a 6-year follow-up.** (2016) Generaal E, Vogelzangs N, Macfarlane GJ, Geenen R, Smit JH, de Geus EJ, Dekker J, Penninx BW. [J Pain](#)

## Bibliography

**1. Macrophage Galactose-Type Lectin-1 Deficiency Is Associated with Increased Neutrophilia and Hyperinflammation in Gram-Negative Pneumonia** (2016) Jondle CN, Sharma A, Simonson TJ, Larson B, Mishra BB, Sharma J [Journal of Immunology](#)

**Evaluation of the Tobacco Heating System 2.2. Part 6: 90-day OECD 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of a mentholated version compared with mentholated and non-mentholated cigarette smoke** (2016) Oviedo A, Lebrun S, Kogel U, Ho J, Tan WT, Titz B, Leroy P, Vuillaume G, Bera M, Martin F, Rodrigo G, Esposito M, Dempsey R, Ivanov NV, Hoeng J, Peitsch MC, Vanscheeuwijck P. [Regul Toxicol Pharmacol](#).

**Biomarkers in Rheumatoid Arthritis, what is new?** (2016) Gavrilă BI, Ciofu C, and Stoica V [J Med Life](#)

**Thrombopoietin is associated with d's intercept, and only in Non-Hispanic Whites** (2016) Royall DR, Palmer RF [Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring](#)

**Insulin-like growth factor binding protein-2 interactions with Alzheimer's disease biomarkers.** (2016) Lane EM, Hohman TJ, Jefferson AL; Alzheimer's Disease Neuroimaging Initiative. [Brain Imaging Behav](#)

**Association of the multi-biomarker disease activity score with joint destruction in patients with rheumatoid arthritis receiving tumor necrosis factor-alpha inhibitor treatment in clinical practice** (2016) Hirata S, Li W, Kubo S, Fukuyo S, Mizuno Y, Hanami K, Sawamukai N, Yamaoka K, Saito K, Defranoux NA, Tanaka Y [Mod Rheumatol](#)

**The dipeptidyl peptidase inhibitor linagliptin and the angiotensin II receptor blocker telmisartan show renal benefit by different pathways in rats with 5/6 nephrectomy** (2016) Tsuprykov O, Ando R, Reichtzeder C, von Websky K, Antonenko V, Sharkovska Y, Chaykovska L, Rahnenführer J, Hasan AA, Tammen H, Alter M, Klein T, Ueda S, Yamagishi S, Okuda S, Hoher B [Kidney International](#)

**Selective p38a MAP kinase/MAPK14 inhibition in enzymatically-modified LDL-stimulated human monocytes: implications for atherosclerosis.** (2016) Cheng F, Twardowski L, Fehr S, Aner C, Schaeffeler E, Joos T, Knorpp T, Dorweiler B, Laufer S, Schwab M, Torzewski M. [FASEB J](#)

**Association of a multibiomarker disease activity score at multiple time-points with radiographic progression in rheumatoid arthritis: results from the SWEFOT trial** (2016) Hambardzumyan K, Bolce RJ, Saevarsdottir S, Forslind K, Wallman JK, Cruickshank SE, Sasso E, Chernoff D and Van Vollenhoven R [RMD](#)

**Immune Monitoring Technology Primer: Immunoprofiling of Antigen-Stimulated Blood** (2016) Brunet LR, LaBrie S, Hagemann T [Journal for Immunotherapy of Cancer](#)

**Least absolute shrinkage and selection operator type methods for the identification of serum biomarkers of overweight and obesity: simulation and application.** (2016) Vasquez MM, Hu C, Roe DJ, Chen Z, Halonen M, Guerra S [BMC Med Res Methodol](#)

**System-Based Proteomic and Metabonomic Analysis of the Df(16)a<sup>+/-</sup> Mouse Identifies Potential Mir-185 Targets and Molecular Pathway Alterations** (2016) Wesseling H, Xu B, Want EJ, Holmes E, Guest PC, Karayiorgou M, Gogos JA, Bahn S [Molecular Psychiatry](#)

**First-in-Human Study in Healthy Subjects with FR104, a Pegylated Monoclonal Antibody Fragment Antagonist of CD28.** (2016) Poirier N, Blanco G, Hiance M, Mary C, Van Assche T, Lempoels J, Ramael S, Wang W, Thepenier V, Braudeau C, Salabert N, Josien R, Anderson I, Gourley I, Soullillou JP, Coquoz D, Vanhove B [J Immunol](#)

**A Sputum Proteomic Signature That Associates with Increased IL-1 $\beta$  Levels and Bacterial Exacerbations of COPD** (2016) Damera G, Pham T-H, Zhang J, Ward CK, Newbold P, Ranade K, Sethi S [Lung](#)

**The Relationship between Complement Factor C3, Apoe  $\epsilon$ 4, Amyloid and Tau in Alzheimer's Disease** (2016) Bonham LW, Desikan RS, Yokoyama JS [Acta Neuropathologica Communications](#)

## Bibliography

- Investigative Nonclinical Cardiovascular Safety and Toxicology Studies with BMS-986094, an NS5b RNA-Dependent RNA Polymerase Inhibitor** (2016) Gill M, Horn K, Hennen J, White R, Bounous D, Clark S, Megill JR, Janovitz E, Davies M, Sanderson T, Graziano M. [Toxicol Sci](#)
- Evaluation of Novel Biomarkers of Nephrotoxicity in Cynomolgus Monkeys Treated with Gentamicin** (2016) Gautier J-C, Zhou X, Yang Y, Gury T, Qu Z, Palazzi X, L'Amour J-F, Slaoui M, Veeranagouda Y, Guizon I, Boitier E, Filali-Ansary A, van den Berg BHJ, Poetz O, Joos T, Zhang T, Wang J, Detilleux P, Li B [Toxicology and Applied Pharmacology](#)
- Variants in Ccl16 Are Associated with Blood Plasma and Cerebrospinal Fluid Ccl16 Protein Levels** (2016) Ebbert MTW, Staley LA, Parker J, Parker S, Bailey M, Ridge PG, Goate AM, Kauwe JSK [BMC Genomics](#)
- Social status alters immune regulation and response to infection in macaques** (2016) Snyder-Mackler N, Sanz J, Kohn JN, Brinkworth JF, Morrow S, Shaver AO, Grenier JC, Pique-Regi R, Johnson ZP, Wilson ME, Barreiro LB, Tung J [Science](#)
- Noninvasive Transcutaneous Vagus Nerve Stimulation Decreases Whole Blood Culture-Derived Cytokines and Chemokines: A Randomized, Blinded, Healthy Control Pilot Trial** (2016) Lerman I, Hauger R, Sorkin L, Proudfoot J, Davis B, Huang A, Lam K, Simon B, Baker DG [Neuromodulation: Technology at the Neural Interface](#)
- Blood Biomarkers of Chronic Inflammation in Gulf War Illness** (2016) Johnson GJ, Slater BCS, Leis LA, Rector TS, Bach RR [PLoS ONE](#)
- Exercise-induced cytokine changes in antigen stimulated whole-blood cultures compared to serum** (2016) Pilat C, Krüger K, Frech T, Mooren FC [J Immunol Methods](#)
- Plasma Egf and Cognitive Decline in Parkinson's Disease and Alzheimer's Disease** (2016) Lim NS, Swanson CR, Cherng H-R, Unger TL, Xie SX, Weintraub D, Marek K, Stern MB, Siderowf A, Pars Investigators, Alzheimer's Disease Neuroimaging Initiative, Trojanowski JQ, Chen-Plotkin AS [Annals of Clinical and Translational Neurology](#)
- Sjögren's Syndrome Patients with Ectopic Germinal Centers Present with a Distinct Salivary Proteome** (2016) Delaleu N, Mydel P, Brun JG, Jonsson MV, Alimonti A, Jonsson R [Rheumatology](#)
- Identification of Plexin A4 as a Novel Clusterin Receptor Links Two Alzheimer's Disease Risk Genes** (2016) Kang SS, Kurti A, Wojtas A, Baker KE, Liu CC, Kanekiyo T, Deming Y, Cruchaga C, Estus S, Bu G, Fryer JD [Human Molecular Genetics](#)
- Oxidative stress in drug-naïve first episode patients with schizophrenia and major depression: effects of disease acuity and potential confounders** (2016) Jordan W, Dobrowolny H, Bahn S, Bernstein HG, Brigadski T [Eur Arch Psychiatry Clin Neurosci](#)
- Effect of Low-Magnitude, High-Frequency Mechanical Stimulation on Bmd among Young Childhood Cancer Survivors: A Randomized Clinical Trial** (2016) Mogil RJ, Kaste SC, Ferry Jr RJ, Hudson MM, Mulrooney DA, Howell CR, Partin RE, Srivastava DK, Robison LL, Ness KK [JAMA Oncology](#)
- Vagus Nerve Stimulation Inhibits Cytokine Production and Attenuates Disease Severity in Rheumatoid Arthritis** (2016) Koopman FA, Chavan SS, Miljko S, Grazio S, Sokolovic S, Schuurman PR, Mehta AD, Levine YA, Faltys M, Zitnik R, Tracey KJ, Tak PP [PNAS](#)
- Serum protein mediators of dementia and aging proper** (2016) Royall DR, Al-Rubaye S, Bishnoi R, Palmer RF [Aging](#)
- A Novel Approach for Emerging and Antibiotic Resistant Infections: Innate Defense Regulators as an Agnostic Therapy** (2016) North JR, Takenaka S, Rozek A, Kielczewska A, Opal S, Morici LA, Finlay BB, Schaber CJ, Straube R, Donini O [Journal of Biotechnology](#)

## Bibliography

**Effects of Traumeel (Tr14) on Exercise-Induced Muscle Damage Response in Healthy Subjects: A Double-Blind RCT** (2016) Muders K, Pilat C, Deuster V, Frech T, Kruger K, Pons-Kuhnemann J, Mooren F-C [Mediators of Inflammation](#)

**Pentraxin-2 suppresses c-Jun/AP-1 signaling to inhibit progressive fibrotic disease** (2016) Nakagawa N, Barron L, Gomez IG, Johnson BG, Roach AM, Kameoka S, Jack RM, Lupher ML, Gharib SA, Duffield JS [JCI Insight](#)

**Apolipoprotein a-I and Paraoxonase-1 Are Potential Blood Biomarkers for Ischemic Stroke Diagnosis** (2016) Walsh KB, Hart K, Roll S, Sperling M, Unruh D, Davidson WS, Lindsell CJ, Adeoye O [Journal of Stroke and Cerebrovascular Diseases](#)

**Characterizing the Inflammatory Response in Esophageal Mucosal Biopsies in Children with Eosinophilic Esophagitis** (2016) Sayej WN, Menoret A, Maharjan AS, Fernandez M, Wang Z, Balarezo F, Hyams JS, Sylvester FA, Vella AT [Clinical & Translational Immunology](#)

**Growth Differentiation Factor 15 as a Novel Biomarker for Metformin** (2016) Gerstein HC, Pare G, Hess S, Ford RJ, Sjaarda J, Raman K, McQueen M, Lee S, Haenel H, Steinberg GR; ORIGIN Investigators. [Diabetes Care](#)

**Genome-Wide Association Study of Prolactin Levels in Blood Plasma and Cerebrospinal Fluid** (2016) Staley LA, Ebbert MTW, Parker S, Bailey M, Ridge PG, Goate AM, Kauwe JSK [BMC Genomics](#)

**Mindfulness-Based Cognitive Therapy Associated with Decreases in C-Reactive Protein in Major Depressive Disorder: A Pilot Study** (2016) Eisendrath SJ, Gillung E, Hartzler A, James-Myers M, Wolkowitz O, Sipe W, Ramanatham D, Delucchi K [J. Altern. Complement. Med.](#)

**High false-positive rate of a putative biomarker test to aid in the diagnosis of schizophrenia** (2016) Wehler CA, Preskorn, SH [Journal of Clinical Psychiatry](#)

**A Semi-Mechanism Approach Based on Mri and Proteomics for Prediction of Conversion from Mild Cognitive Impairment to Alzheimer's Disease** (2016) Liu H, Zhou X, Jiang H, He H, Liu X [Scientific Reports](#)

**Serum Proteomic Profiles of Depressive Subtypes** (2016) Lamers F, Bot M, Jansen R, Chan MK, Cooper JD, Bahn S, Penninx BWJH [Translational Psychiatry](#)

**Serum biomarkers and changes in clinical/MRI evidence of golimumab-treated patients with ankylosing spondylitis: results of the randomized, placebo-controlled GO-RAISE study** (2016) Inman RD, Baraliakos X, Hermann KA, Braun J, Deodhar A, Heijde D, Xu S, and Hsu B [Arthritis Res Ther.](#)

**A multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of treatment with sirukumab (CNTO 136) in patients with active lupus nephritis** (2016) Rovin B, van Vollenhoven R, Aranow C, Wagner C, Gordon R, Zhuang Y, Belkowsky S, Hsu B [Arthritis & Rheumatology](#)

**Circulating Biomarkers and Outcome from a Randomised Phase II Trial of Sunitinib Vs Everolimus for Patients with Metastatic Renal Cell Carcinoma** (2016) Voss MH, Chen D, Marker M, Hakimi AA, Lee C-H, Hsieh JJ, Knox JJ, Voi M, Motzer RJ [British Journal of Cancer](#)

**Early Role of Vascular Dysregulation on Late-Onset Alzheimer's Disease Based on Multifactorial Data-Driven Analysis** (2016) Iturria-Medina Y, Sotero RC, Toussaint PJ, Mateos-Perez JM, Evans AC, The Alzheimer's Disease Neuroimaging Initiative [Nature Communications](#)

**Peripheral Blood Cell Gene Expression Diagnostic for Identifying Symptomatic Transthyretin Amyloidosis Patients: Male and Female Specific Signatures** (2016) Kurian SM, Novais M, Whisenant T, Gelbart T, Buxbaum JN, Kelly JW, Coelho T, Salomon DR [Theranostics](#)

## Bibliography

**Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study** (2016) Brahimaj A, Ligthart S, Ikram MA, Hofman A, Franco OH, Sijbrands EJ, Kavousi M, Dehghan A [Diabetes Care](#)

**Cytokine Production Capacity in Depression and Anxiety** (2016) Vogelzangs N, De Jonge P, Smit JH, Bahn S, Penninx BW [Translational Psychiatry](#)

**Loss of Immune Tolerance Is Controlled by Icos in Sle1 Mice** (2016) Mittereder N, Kuta E, Bhat G, Dacosta K, Cheng LI, Herbst R, Carlesso G [Journal of Immunology](#)

**Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children** (2016) Stein MM, Hrusch CL, Gozdz J, Igartua C, Pivniouk V, Murray SE, Ledford JG, Marques Dos Santos M, Anderson RL, Metwali N, Neilson JW, Maier RM, Gilbert JA, Holbreich M, Thorne PS, Martinez FD, Von Mutius E, Vercelli D, Ober C, Sperling AI [New England Journal of Medicine](#)

**Differential expression of P2X7 receptor and IL-1 $\beta$  in nociceptive and neuropathic pain.** (2016) Luchting B, Heyn J, Woehrle T, Rachinger-Adam B, Kreth S, Hinske LC, Azad SC [J Neuroinflammation](#)

**Effects of Acute Endurance Exercise on Plasma Protein Profiles of Endurance-Trained and Untrained Individuals over Time** (2016) Schild M, Eichner G, Beiter T, Zuegel M, Niess AM, Steinacker JM, Mooren FC [Mediators of Inflammation](#)

**Contribution of Staphylococcus Aureus Coagulases and Clumping Factor a to Abscess Formation in a Rabbit Model of Skin and Soft Tissue Infection** (2016) Malachowa N, Kobayashi SD, Porter AR, Braughton KR, Scott DP, Gardner DJ, Missiakas DM, Schneewind O, Deleo FR [PLoS ONE](#)

**Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD** (2016) Sun W, Kechris K, Jacobson S, Drummond MB, Hawkins GA, Yang J, Chen T-H, Quibrera PM, Anderson W, Barr RG, Basta PV, Bleecker ER, Beaty T, Casaburi R, Castaldi P, Cho MH, Comellas A, Crapo JD, Criner G, Demeo D, Christenson SA, Couper DJ, Curtis JL, Doerschuk CM, Freeman CM, Gouskova NA, Han MK, Hanania NA, Hansel NN, Hersh CP, Hoffman EA, Kaner RJ, Kanner RE, Kleeerup EC, Lutz S, Martinez FJ, Meyers DA, Peters SP, Regan EA, Rennard SI, Scholand MB, Silverman EK, Woodruff PG, O'Connell WK, Bowler RP, Group SR, Investigators CO [PLOS Genetics](#)

---

**Plasma BDNF levels associate with Pittsburgh Compound B binding in the brain.** (2015) Hwang KS, Lazaris AS, Eastman JA, Teng E, Thompson PM, Gyls KH, Cole GM, Apostolova LG, for the [Alzheimers Dement \(Amst\) 2015 Apr 22. \[Epub ahead of print\]](#)

**A Subset of Cerebrospinal Fluid Proteins from a Multi-Analyte Panel Associated with Brain Atrophy, Disease Classification and Prediction in Alzheimer's Disease.** (2015) Khan W, Aguilar C, Kiddle SJ, Doyle O, Thambisetty M, Muehlboeck S, Sattler M, Newhouse S, Lovestone S, Dobson R, Giampietro V, Westman E, Simmons A [PLoS One](#)

**Feasibility of investigating differential proteomic expression in depression: implications for biomarker development in mood disorders** (2015) Frye MA, Nassan M, Jenkins GD, Kung S, Veldic M, Palmer BA, Feeder SE, Tye SJ, Choi DS and Biernacka HM [Translational Psychiatry](#)

**Development of a Blood-Based Molecular Biomarker Test for Identification of Schizophrenia before Disease Onset** (2015) Chan MK, Krebs MO, Cox D, Guest PC, Yolken RH, Rahmoune H, Rothermundt M, Steiner J, Leweke FM, Van Beveren NJM, Niebuhr DW, Weber NS, Cowan DN, Suarez-Pinilla P, Crespo-Facorro B, Mam-Lam-Fook C, Bourgin J, Wenstrup RJ, Kaldate RR, Cooper JD, Bahn S [Translational Psychiatry](#)

**Biological stress systems, adverse life events and the onset of chronic multisite musculoskeletal pain: a 6-year cohort study.** (2015) Generaal E, Vogelzangs N, Macfarlane GJ, Geenen R, Smit JH, de Geus EJ, Penninx BW, Dekker J. [Ann Rheum Dis. 2015 Apr](#)



## Bibliography

[22\\_pii: annrheumdis-2014-206741\\_doi: 10.1136/annrheumdis-2014-206741\\_\[Epub ahead of print\]](#)

**Multianalyte markers of schizophrenia and bipolar disorder: A preliminary study.** (2015) Dickerson F, Schroeder J, Stallings C, Orioni A, Bahn S, Yolken R [Schizophr Res.](#)

**Prognostic and predictive biomarkers of AAA growth rate.** (2015) Deeg MA, Meijer CA, Chan LS, Shen L, Lindeman JH. [Curr Med Res Opin](#)

**Progressive Reduction in Cortical Thickness as Psychosis Develops: A Multisite Longitudinal Neuroimaging Study of Youth at Elevated Clinical Risk** (2015) Cannon TD, Chung Y, He G, Sun D, Jacobson A, Van Erp TGM, Mcewen S, Addington J, Bearden CE, Cadenhead K, Cornblatt B, Mathalon DH, Mcglashan T, Perkins D, Jeffries C, Seidman LJ, Tsuang M, Walker E, Woods SW, Heihsen R [Biological Psychiatry](#)

**Bone Marrow from Blotchy Mice Is Dispensable to Regulate Blood Copper and Aortic Pathologies but Required for Inflammatory Mediator Production in Ldlr-Deficient Mice During Chronic Angiotensin II Infusion** (2015) Harris D, Liang Y, Chen C, Li S, Patel O, Qin Z [Annals of Vascular Surgery](#)

**CHOP Links Endoplasmic Reticulum Stress to NF- $\kappa$ B Activation in the Pathogenesis of Nonalcoholic Steatohepatitis.** (2015) Willy JA, Young SK, Stevens JL, Masuoka HC, Wek RC. [Mol Biol Cell. 2015 Apr 22. pii: mbc.E15-01-0036. \[Epub ahead of print\]](#)

**PA401, a novel CXCL8-based biologic therapeutic with increased glycosaminoglycan binding, reduces bronchoalveolar lavage neutrophils and systemic inflammatory markers in a murine model of LPS-induced lung inflammation.** (2015) Adage T, Del Bene F, Fiorentini F, Doornbos RP, Zankl C, Bartley MR, Kungl AJ [Cytokine](#)

**Self-reactive IgE exacerbates interferon responses associated with autoimmunity** (2015) Henault J, Riggs JM, Karnell JL, Liarski VM, Li J, Shirinian L, Xu L, Casey KA, Smith MA, Khatry DB, Izhak L, Clarke L, Herbst R, Ettinger R, Petri M, Clark MR, Mustelin T, Kolbeck R, Sanjuan MA [Nat Immunol.](#)

**Discovery of serum biomarkers predicting development of a subsequent depressive episode in social anxiety disorder.** (2015) Gottschalk MG, Cooper JD, Chan MK, Bot M, Penninx BW, Bahn S. [Brain Behav Immun. 2015 Apr 28. pii: S0889-1591\(15\)00118-X. doi: 10.1016/j.bbi.2015.04.011. \[Epub ahead of print\]](#)

**Toxicity of aerosols of nicotine and pyruvic acid (separate and combined) in Sprague-Dawley rats in a 28-day OECD 412 inhalation study and assessment of systems toxicology** (2015) Phillips B, Esposito M, Verbeeck J, Bou-A S, Iskandar A, Vuillaume G, Leroy P, Krishnan S, Kogel U, Utan A, Schlage WK, Bera M, Veljkovic E, Hoeng J, Peitsch MC, Vanscheeuwijk P [Inhal Toxicol.](#)

**Comparing biological markers of Alzheimer's disease across blood fraction and platforms: Comparing apples to oranges** (2015) O'Bryant SE, Listac S, Rissman RA, Edwards M, Zhang F, Hall J, Zetterberg H, Lovestone S, Gupta V, Graff-Radford N, Martins R, Jeromin A, Waring S, Oh E, King M, Baker L, Hampel H [Alzheimers Dement \(2015\) 1-8](#)

**Treatment with anti-C5aR mAb leads to early-onset clinical and mechanistic effects in the murine delayed-type hypersensitivity arthritis model.** (2015) Atkinson SM, Nansen A, Usher PA, Sondergaard BC, Mackay CR, Friedrichsen B, Chang CC, Tang R, Skov S, Haase C, Hornum L. [Autoimmunity. 2015 Apr 27:1-11. \[Epub ahead of print\]](#)

**Therapeutic Potential of Cerium Oxide Nanoparticles for the Treatment of Peritonitis Induced by Polymicrobial Insult in Sprague-Dawley Rats.** (2015) Manne ND, Arvapalli R, Nepal N, Thulluri S, Selvaraj V, Shokuhfar T, He K, Rice KM, Asano S, Maheshwari M, Blough ER [Crit Care Med.](#)

**Total testosterone and neuropsychiatric symptoms in elderly men with Alzheimer's disease.** (2015) Hall JR, Wiechmann AR, Cunningham RL, Johnson LA, Edwards M, Barber RC, Singh M, Winter S, O'Bryant SE, and for the Texas Alzheimer's Research and Care Consortium. [Alzheimers Res Ther. 2015; 7\(1\): 24. Published online 2015 May 1. doi: 10.1186/s13195-015-0107-4](#)

## Bibliography

**A Phase 1 Study of the SMAC-Mimetic Birinapant in Adults with Refractory Solid Tumors or Lymphoma** (2015) Amaravadi RK, Schilder RJ, Martin LP, Levin M, Graham MA, Weng DE, Adjei AA [Mol Cancer Ther.](#)

**Intratumoral Inf-g Triggers an Antiviral State in GI261 Tumor Cells: A Major Hurdle to Overcome for Oncolytic Vaccinia Virus Therapy of Cancer** (2015) Kober C, Weibel S, Rohn S, Kirscher L, Szalay AA\*2015\*Intratumoral Inf-G Triggers an Antiviral State in GI261 Tumor Cells: A Major Hurdle to Overcome for Oncolytic Vaccinia Virus Therapy of Cancer [Molecular Therapy & Oncolytics](#)

**Markers of atherosclerosis in relation to presence and progression of knee osteoarthritis: a population-based cohort study.** (2015) Hoeven TA, Kavousi M, Ikram AM, van Meurs JB, Bindels PJ, Hofman A, Franco OH, Bierma-Zeinstra SM. [Rheumatology \(Oxford\). 2015 May 6. pii: kev106. \[Epub ahead of print\]](#)

**Endurance and Resistance Training Affect High Fat Diet-Induced Increase of Ceramides, Inflammation Expression, and Systemic Inflammation in Mice** (2015) Mardare C, KrÄ¼ger K, Liebisch G, Seimetz M, Couturier A, Ringseis R, Wilhelm J, Weissmann N, Eder K, Mooren FC [J Diabetes Res](#)

**Effect of cerium oxide nanoparticles on sepsis induced mortality and NF- $\kappa$ B signaling in cultured macrophages.** (2015) Selvaraj V, Manne ND, Arvapalli R, Rice KM, Nandyala G, Fankenhanel E, Blough ER. [Nanomedicine \(Lond\). 2015 Apr;10\(8\):1275-88. doi: 10.2217/nnm.14.205.](#)

**Shared Immune and Repair Markers During Experimental Toxoplasma Chronic Brain Infection and Schizophrenia** (2015) Tomasik J, Schultz TL, Kluge W, Yolken RH, Bahn S, Carruthers VB [Schizophr Bull](#)

**Blood Protein Markers of Neocortical Amyloid- $\beta$  Burden: A Candidate Study Using SOMAscan Technology.** (2015) Voyle N, Baker D2, Burnham SC, Covin A, Zhang Z, Sangurdekar DP, Tan Hehir CA, Bazenet C, Lovestone S, Kiddle S, Dobson RJ. [J Alzheimers Dis. 2015 Apr 16. \[Epub ahead of print\]](#)

**Identification of novel noninvasive markers for diagnosing nonalcoholic steatohepatitis and related fibrosis by data mining** (2015) Yoshimura K, Okanou T, Ebise H, Iwasaki T, Mizuno M, Shima T, Ichihara J, Yamazaki K [Hepatology.](#)

**Lipoprotein-associated phospholipase A2, homocysteine, and Alzheimer's disease** (2015) Doody RS, Demirovic J, Ballantyne CM, Chan W, Barber R, Powell S, Pavlik V [Alzheimers Dement \(Amst\)](#)

**Plasma Protein Profiling of Mild Cognitive Impairment and Alzheimer's Disease across Two Independent Cohorts** (2015) Muenchhoff JP, Anne; Song, Fei; Raftery, Mark; Brodaty, Henry; Duncan, Mark; Mcevoy, Mark; Attia, John; Schofield, Peter W.; Sachdev, Perminder S. [Journal of Alzheimer's Disease](#)

**Inhibition of MAP kinase/NF- $\kappa$ B mediated signaling and attenuation of lipopolysaccharide induced severe sepsis by cerium oxide nanoparticles.** (2015) Selvaraj V, Nepal N1, Rogers S, Manne ND, Arvapalli R, Rice KM, Asano S, Fankhanel E, Ma JJ, Shokuhfar T, Maheshwari M, Blough ER. [Biomaterials. 2015 May 8;59:160-171. doi: 10.1016/j.biomaterials.2015.04.025. \[Epub ahead of print\]](#)

**New biomarkers for primary mitral regurgitation** (2015) Deroyer C, Magne J, Moonen M, Le Goff C, Dupont L, Hulin A, Radermecker M, Colige A, Cavalier E, Kolh P, Pierard L, Lancellotti P, Merville MP, Fillet M [Clin Proteomics](#)

**Ferritin levels in the cerebrospinal fluid predict Alzheimer's disease outcomes and are regulated by APOE.** (2015) Ayton S, Faux NG, Bush AI; Alzheimer's Disease Neuroimaging Initiative. [Nat Commun. 2015 May 19;6:6760. doi: 10.1038/ncomms7760.](#)

**Evidence for abnormal cytokine expression in Gulf War Illness: A preliminary analysis of daily immune monitoring data** (2015) Parkitny L, Middleton S, Baker K, Younger J [BMC Immunology](#)

**BAFF (B Cell Activating Factor) Transcript Level in Peripheral Blood of Patients with SLE Is Associated with Same-Day Disease Activity as Well as Global Activity over the Next Year** (2015) Zollars E, Bienkowska J, Czerkowicz J, Allaire N, Ranger AM,

## Bibliography

Magder L, Petri M [Lupus Science](#)

**Hippocampal proteomic and metabonomic abnormalities in neurotransmission, oxidative stress and apoptotic pathways in a chronic phencyclidine rat model.** (2015) Wesseling H, Want EJ, Guest PC, Rahmoune H, Holmes E, Bahn S. [J Proteome Res. 2015 Jun 4. \[Epub ahead of print\]](#)

**Neuropilin 1 (NRP1) may be prognostic and identify a subgroup of Patients with Metastatic Colorectal Cancer (mCRC) who Benefit from Tivozanib + mFOLFOX6 compared to Bevacizumab + mFOLFOX6** (2015) Benson A, Krivoshik A, Van Sant C, Needle M [Annals of Oncology](#)

**Low Plasma Apoe Levels Are Associated with Smaller Hippocampal Size in the Alzheimer's Disease Neuroimaging Initiative Cohort** (2015) Teng E, Chow N, Hwang KS, Thompson PM, Gylys KH, Cole GM, Jack Jr CR, Shaw LM, Trojanowski JQ, Soares HD, Weiner MW, Apostolova LG [Dementia and Geriatric Cognitive Disorders](#)

**The Pharmacodynamic Impact of Apremilast, an Oral Phosphodiesterase 4 Inhibitor, on Circulating Levels of Inflammatory Biomarkers in Patients with Psoriatic Arthritis: Substudy Results From a Phase 3, Randomized, Placebo-Controlled Trial (PALACE 1).** (2015) Schafer P, Chen P, Fang L, Wang A, Chopra R. [J Immunol Res 2015 Jan 10 \[Epub ahead of print\]](#)

**Immune cell profiling to guide therapeutic decisions in rheumatic diseases.** (2015) Ermann J, Rao DA, Teslovich NC, Brenner MB, Raychaudhuri S. [Nat Rev Rheumatol. 2015 Jun 2. doi: 10.1038/nrrheum.2015.71. \[Epub ahead of print\]](#)

**Effect of a Smac Mimetic (TL32711, Birinapant) on the Apoptotic Program and Apoptosis Biomarkers Examined with Validated Multiplex Immunoassays Fit for Clinical Use** (2015) Srivastava AK, Jaganathan S, Stephen L, Hollingshead MG, Govindharajulu JP, Layhee A, Damour E, Donohue J, Esposito D, Mapes JP, Kinders R, Takebe N, Tomaszewski JE, Kummar S, Doroshov JH, Parchment RE [Clinical Cancer Research](#)

**Identifying Novel Biomarkers for Cardiovascular Events or Death in People with Dysglycemia** (2015) Gerstein HC, ParÃ© G, Mcqueen MJ, Haenel H, Lee SF, Pogue J, Maggioni AP, Yusuf S, Hess S [Circulation](#)

**Identifying a gene expression signature of frequent COPD exacerbations in peripheral blood using network methods.** (2015) Morrow JD, Qiu W, Chhabra D, Rennard SI, Belloni P, Belousov A, Pillai SG, Hersh CP. [BMC Med Genomics. 2015 Jan 13;8\(1\):1. \[Epub ahead of print\]](#)

**Immunomodulatory Effects of Probiotic Supplementation in Schizophrenia Patients: A Randomized, Placebo-Controlled Trial.** (2015) Tomasik J, Yolken RH, Bahn S, Dickerson FB. [Biomark Insights. 2015 Jun 1;10:47-54. doi: 10.4137/BMI.S22007. eCollection 2015.](#)

**A Small Molecule Inhibitor of ITK and RLK Impairs Th1 Differentiation and Prevents Colitis Disease Progression** (2015) Cho HS, Shin HM, Haberstock-Debic H, Xing Y, Owens TD, Funk JO, Hill RJ, Bradshaw JM, Berg LJ [J Immunol.](#)

**Anti-inflammatory T-cell shift in neuropathic pain.** (2015) Luchting B, Rachinger-Adam B, Heyn J, Hinske L, Kreth S, Azad S. [J Neuroinflammation. 2015 Jan 21;12\(1\):12. \[Epub ahead of print\]](#)

**Multiplex immunoassay analysis of plasma shows differences in biomarkers related to manic or mixed mood states in bipolar disorder patients.** (2015) Haenisch F, Alsaif M, Guest PC, Rahmoune H, Yolken R, Dickerson F, Bahn S. [Journal of Affective Disorders. 2015 Jun 24. doi:10.1016/j.jad.2015.05.065. \[Epub ahead of print\]](#)

**Responses to Bacteria, Virus and Malaria Distinguish the Etiology of Pediatric Clinical Pneumonia** (2015) Valim C, Ahmad R, Lanaspas M, Tan Y, AcÃ¡ncio S, Gillette MA, Almendinger KD, Milner DA Jr, Madrid L, PellÃ© K, Harezlak J, Silteira J, Alonso PL, Carr SA, Mesirov JP, Wirth DF, Wiegand RC, Bassat Q [Am J Respir Crit Care Med.](#)

**Mechanisms of Three-Dimensional Growth of Thyroid Cells During Long-Term Simulated Microgravity\*** [Scientific Reports](#)

## Bibliography

(2015) Kopp S, Warnke E, Wehland M, Aleshcheva G, Magnusson NE, Hemmersbach R, Corydon TJ, Bauer J, Infanger M, Grimm D [Scientific Reports](#)

**Acute and chronic plasma metabolomic and liver transcriptomic stress effects in a mouse model with features of post-traumatic stress disorder.** (2015) Gautam A, D'Arpa P, Donohue DE, Muhie S, Chakraborty N, Luke BT, Grapov D, Carroll EE, Meyerhoff JL, Hammamieh R, Jett M. [PLoS One. 2015 Jan 28;10\(1\):e0117092. doi: 10.1371/journal.pone.0117092. eCollection 2015.](#)

**Suppression of T Cell Activation and Collagen Accumulation by an Anti-Type I Interferon Receptor Monoclonal Antibody in Adult Patients with Systemic Sclerosis.** (2015) Guo X, Higgs BW, Bay-Jensen AC, Karsdal MA, Yao Y, Roskos LK, White WI. [J Invest Dermatol. 2015 May 20. doi: 10.1038/jid.2015.188. \[Epub ahead of print\]](#)

**Cerium oxide nanoparticles attenuate acute kidney injury induced by intra-abdominal infection in Sprague-Dawley rats** (2015) Manne ND, Arvapalli R, Nepal N, Shokuhfar T, Rice KM, Asano S, Blough ER [J Nanobiotechnology](#)

**A Phase I/II Trial of Bnc105p with Everolimus in Metastatic Renal Cell Carcinoma** (2015) Pal S, Azad A, Bhatia S, Drabkin H, Costello B, Sarantopoulos J, Kanesvaran R, Lauer R, Starodub A, Hauke R, Sweeney CJ, Hahn NM, Sonpavde G, Richey S, Breen T, Kremmidiotis G, Leske A, Doolin E, Bibby DC, Simpson J, Iglesias J, Hutson T [Clinical Cancer Research](#)

**Evaluation of thymosin alpha 1 (Ta1) in nonclinical models of the immune-suppressing indications melanoma and sepsis.** (2015) King RS, Tuthill C. [Expert Opin Biol Ther. 2015 Feb 2;1-9. \[Epub ahead of print\]](#)

**Specificity of human anti-variable heavy (VH) chain autoantibodies and impact on the design and clinical testing of a VH domain antibody antagonist of TNF- $\alpha$  receptor 1** (2015) Cordy JC, Morley PJ, Wright TJ, Birchler MA, Lewis AP, Emmins R, Chen YZ, Powley WM, Bareille PJ, Wilson R, Tonkyn J, Bayliffe AI, Lazaar AL. [Clin Exp Immunol.](#)

**Pretreatment levels of the fatty acid handling proteins H-FABP and CD36 predict response to olanzapine in recent-onset schizophrenia patients** (2015) Tomasik J, Schwarz E, Lago SG, Rothermundt M, Leweke FM, van Beveren NJ, Guest PC, Rahmoune H, Steiner J, Bahn S. [Brain Behav Immun.](#)

**Plasma Inflammatory Factors Are Associated with Anxiety, Depression, and Cognitive Problems in Adults with and without Methamphetamine Dependence: An Exploratory Protein Array Study** (2015) Huckans M, Fuller BE, Chalker ALN, Adams M, Loftis JM [Frontiers in Psychiatry](#)

**The Milieu Intérieur Study – an Integrative Approach for Study of Human Immunological Variance** (2015) Thomas S, Rouilly V, Patin E, Alanio C, Dubois A, Delval C, Marquier L-G, Fauchoux N, Sayegrih S, Vray M, Duffy D, Quintana-Murci L, Albert ML, Abel L, Alcover A, Bousso P, Bruhns P, Cumano A, DaRonch M, Delval C, Demangel C, Deriano L, Di Santo J, Dromer F, Eberl G, Enninga J, Freitas A, Gelpi O, Gomperts-Boneca I, Hercberg S, Lantz O, Leclerc C, Mouquet H, Pellegrini S, Pol S, Rogge L, Sakuntabhai A, Schwartz O, Schwikowski B, Shorte S, Soumelis V, Tangy F, Tartour E, Toubert A, Ungeheuer M-N, Quintana-Murci L, Albert ML [Clinical Immunology](#)

**Phase II Evaluation of IPI-926, an Oral Hedgehog Inhibitor, in Patients with Myelofibrosis.** (2015) Sasaki K, Gotlib JR, Mesa RA, Newberry KJ, Ravandi F, Cortes JE, Kelly P, Kutok JL, Kantarjian HM, Verstovsek S. [Leuk Lymphoma. 2015 Feb 2;1-20. \[Epub ahead of print\]](#)

**BAG3 promotes pancreatic ductal adenocarcinoma growth by activating stromal macrophages** (2015) Rosati A, Basile A, D'Auria R, d'Avenia M, De Marco M, Falco A, Festa M, Guerriero L, Iorio V, Parente R, Pascale M, Marzullo L, Franco R, Arra C, Barbieri A, Rea D, Menichini G, Hahne M, Bijlsma M, Barcaroli D, Sala G, di Mola FF, di Sebastiano P, Todoric J, Antonucci L, Corvest V, Jawhari A, Firpo MA, Tuveson DA, Capunzo M, Karin M, De Laurenzi V, Turco MC. [Nat Commun.](#)

**Time Course of Cigarette Smoke-Induced Changes of Systemic Inflammation and Muscle Structure** (2015) Krüger K, Dischereit G, Seimetz M, Wilhelm J, Weissmann N, Mooren FC [American Journal of Physiology - Lung Cellular and Molecular Physiology](#)

## Bibliography

**Multibiomarker disease activity score and C-reactive protein in a cross-sectional observational study of patients with rheumatoid arthritis with and without concomitant fibromyalgia** (2015) Lee YC, Hackett J, Frits M, Iannaccone C, Shadick N, Weinblatt M, Segurado O and Sasso E [Rheumatology](#)

**Nox4 supports proper capillary growth in exercise and retina neo-vascularization.** (2015) Vogel J, Kruse C, Zhang M, Schr  der K. [J Physiol. 2015 Feb 4. doi: 10.1113/jphysiol.2014.284901. \[Epub ahead of print\]](#)

**Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans** (2015) Saykin A, Shen L, Xiohui Y, Kim S, Kwangsik N, Risacher SL, Ramanan VK, Foroud T, Faber KM, Sarwar N, Minsie L, Xiaolan H, Soares HD, Potkin S, Thompson PM, Kauwe JSK, Kaddurah-Daouk R, Green RC, Toga AW, Weiner MW [Alzheimer's & Dementia](#)

**MicroRNA-33-dependent regulation of macrophage metabolism directs immune cell polarization in atherosclerosis** (2015) Ouimet M, Ediriweera HN, Gundra UM, Sheedy FJ, Ramkhelawon B, Hutchison SB, Rinehold K, van Solingen C, Fullerton MD, Cecchini K, Rayner KJ, Steinberg GR, Zamore PD, Fisher EA, Loke P, Moore KJ. [J Clin Invest](#)

**Serum Proteomic Profiling of Major Depressive Disorder** (2015) Bot M, Chan MK, Jansen R, Lamers F, Vogelzangs N, Steiner J, Leweke FM, Rothermundt M, Cooper J, Bahn S, Penninx BWJH [Translational Psychiatry](#)

**Plasma Angiotensin-2 Outperforms Other Markers of Endothelial Injury in Prognosticating Pediatric ARDS Mortality** (2015) Zinter MS, Spicer A, Orwoll BO, Alkhouli M, Dvorak CC, Calfee CS, Matthay MA, Sapru A [American Journal of Physiology - Lung Cellular and Molecular Physiology](#)

**Enhancement of Patient Recruitment in Rheumatoid Arthritis Clinical Trials Using a Multi-Biomarker Disease Activity Score as an Inclusion Criterion** (2015) Van Vollenhoven R, Bolce R, Hambardzumyan K, Saevarsdottir S, Forslind K, Petersson I, Sasso E, Hwang C, Segurado O, and Geborek P [Arthritis & Rheumatol](#)

**Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes.** (2015) Looker HC, Colombo M, Agakov F, Zeller T, Groop L, Thorand B, Palmer CN, Hamsten A, de Faire U, Nogoceke E, Livingstone SJ, Salomaa V, Leander K, Barbarini N, Bellazzi R, van Zuydam N, McKeigue PM, Colhoun HM; on behalf of the SUMMIT Investigators. [Diabetologia. 2015 Mar 5. \[Epub ahead of print\]](#)

**Perspective: The Alzheimer's Disease Neuroimaging Initiative and the role and contributions of the Private Partner Scientific Board (PPSB)** (2015) Liu E, Luthman J, Cedarbaum JM, Schmidt ME, Cole PE, Hendrix J, Carillo MC, Jones-Davis D, Tarver E, Novak G, De Santi S, Soares HD, Potter QZ, Siemers E, Schwarz AJ [Alzheimer's & Dementia](#)

**Markers of inflammation are associated with clinical outcomes in patients with metastatic renal cell carcinoma treated with nivolumab** (2015) Sznoł M, Fishman M, Escudier B, McDermott DF, Kluger H, Stadler WM, Perez-Gracia J, McNeel DG, Curti BD, Harrison MR, Plimack ER, Appleman L, Fong L, Drake CG, Young TC, Chasalow SD, Ross-MacDonald P, Simon JS, Walker D, Choueiri TK [J Immunother Cancer](#)

**An Adaptive Genetic Algorithm for Selection of Blood-Based Biomarkers for Prediction of Alzheimer's Disease Progression** (2015) Vandewater L, Brusica V, Wilson W, Macaulay L, Zhang P [BMC Bioinformatics](#)

**Prediction of disease relapses by multibiomarker disease activity and autoantibody status in patients with rheumatoid arthritis on tapering DMARD treatment** (2015) Rech J, Hueber AJ, Finzel S, Englbrecht M, Haschka J, Manger B, Kleyer A, Reiser M, Cobra JF, Figueiredo C, Tony HP, Kleinert S, Wendler J, Schuch F, Ronneberger M, Feuchtenberger M, Fleck M, Manger K, Ochs W, Schmitt-Haendle M, Lorenz H-M, Nuesslein H, Alten R, Henes J, Krueger K, Schett G [Ann Rheum Dis.](#)

**The Tyrosine Kinase Inhibitors Imatinib and Dasatinib Reduce Myeloid Suppressor Cells and Release Effector Lymphocyte Responses.** (2015) Christiansson L, Soderlund S, Mangsbo SM, Hjorth-Hansen H, H  glund M, Markevarn B, Richter J, Stenke L, Mustjoki S, Loskog A, Olsson-Stromberg U. [Mol Cancer Ther. 2015 Mar 11. pii: molcanther.0849.2014. \[Epub ahead of print\]](#)

**Biomarkers of rapid chronic kidney disease progression in type 2 diabetes** (2015) Looker HC, Colombo M, Hess S, Brosnan MJ,



## Bibliography

Farran B, Dalton RN, Wong MC, Turner C, Palmer CNA, Nogceke E, Groop L, Salomaa V, Dunger DB, Agakov F, McKeigue PM, Colhoun HM [Kidney International](#)

**Identification of circulatory biomarkers from clinical trial samples** (2015) Brunet LR, Bodman-Smith K, Bodman-Smith M, Kassam Z, Dalgleish A, LaBrie S and Hagemann T [J Immunother Cancer](#)

**Comparison of Plasma and Urine Biomarker Performance in Acute Kidney Injury** (2015) Schley G, KÄ¶berle C, Manuilova E, Rutz S, Forster C, Weyand M, Formentini I, Kientsch-Engel R, Eckardt K-U, Willam C [PLoS ONE](#)

**Relationship of multi-biomarker disease activity score and other risk factors with radiographic progression in an observational study of patients with rheumatoid arthritis** (2015) Li W, Sasso E, van der Helm-van Mil A and Huizinga T [Rheumatology](#)

**Study of cardiovascular disease biomarkers among tobacco consumers, part 2: biomarkers of biological effect.** (2015) Nordskog BK, Brown BG, Marano KM, Campell LR, Jones BA, Borgerding MF. [Inhal Toxicol. 2015 Mar 19:1-10. \[Epub ahead of print\]](#)

**Identifying amyloid pathology-related cerebrospinal fluid biomarkers for Alzheimer's disease in a multicohort study** (2015) Leung YY, Toledo JB, Nefedov A, Polikar R, Raghavan N, Xie SX, Farnum M, Schultz T, Baek Y, Deerlin VV, Hu WT, Holtzman DM, Fagan AM, Perrin RJ, Grossman M, Soares HD, Kling MA, Mailman M, Arnold SE, Narayan VA, Lee VMY, Shaw LM, Baker D, Wittenberg GM, Trojanowski JQ, Wang LS [Alzheimer's & Dementia](#)

**Plasma Biomarkers for Neuronal Ceroid Lipofuscinosis.** (2015) Hersrud SL, Geraets RD, Weber KL, Chan CH, Pearce DA [FEBS J.](#)

**Phase I Trial of the Pan-Pi3k Inhibitor Pilaralisib (Sar245408/XI147) in Patients with Chronic Lymphocytic Leukemia (CLL) or Relapsed/Refractory Lymphoma** (2015) Brown JR, Davids MS, Rodon J, Abrisqueta P, Kasar SN, Lager J, Jiang J, Egile C, Awan FT [American Association for Cancer Research](#)

**Interpreting the multi-biomarker disease activity score in the context of tocilizumab treatment for patients with rheumatoid arthritis** (2015) Reiss WG, Devenport JN, Low JM, Wu G, Sasso E [Rheumatol Int](#)

**Lack of an association of BDNF Val66Met polymorphism and plasma BDNF with hippocampal volume and memory.** (2015) Kim A, Fagan AM, Goate AM, Benzinger TL, Morris JC, Head D; Alzheimer's Disease Neuroimaging Initiative. [Cogn Affect Behav Neurosci. 2015 Mar 18. \[Epub ahead of print\]](#)

**Angiogenesis Dysregulation in Term Asphyxiated Newborns Treated with Hypothermia** (2015) Shaikh H, Boudes E, Khoja Z, Shevell M, Wintermark P [PLOS One](#)

**Serum biomarkers predictive of depressive episodes in panic disorder** (2015) Gottschalk MG, Cooper JD, Chan MK, Bot M, Penninx BWJH, Bahn S [Journal of Psychiatric Research](#)

**Outcomes and costs of incorporating a multibiomarker disease activity test in the management of patients with rheumatoid arthritis** (2015) Michaud K, Strand V, Shadick NA, Degtiar I, Ford K, Michalopoulos SN and Hornberger J [Rheumatology](#)

**Detection of Rheumatoid Arthritis-Interstitial Lung Disease is Enhanced by Serum Biomarkers.** (2015) Doyle TJ, Patel AS, Hatabu H, Nishino M, Wu G, Osorio JC, Golzarri MF, Traslosheros A, Chu SG, Frits ML, Iannaccone CK, Koontz D, Fuhrman C, Weinblatt ME, El-Chemaly SY, Washko GR, Hunninghake GM, Choi AM, Dellaripa PF, Oddis CV, Shadick NA, Ascherman DP, Rosas IO. [Am J Respir Crit Care Med. 2015 Mar 30. \[Epub ahead of print\]](#)

**Late Stage Cancer Patients Remain Highly Responsive to Immune Activation by the Selective TLR8 Agonist Motolimod (VTX-2337)** (2015) Dietsch GN, Randall TD, Gottardo R, Northfelt DW, Ramanathan RK, Cohen PA, Manjarrez KL, Newkirk M, Bryan JK, Hershberg RM [Clinical Cancer Research](#)

**Identification of an age-dependent biomarker signature in children and adolescents with autism spectrum disorders** (2015)

## Bibliography

Ramsey JM, Guest PC, Broek JA, Glennon JC, Rommelse N, Franke B, Rahmoune H, Buitelaar JK, Bahn S. [Mol Autism](#)

**Dysregulation of Serum Gamma Interferon Levels in Vascular Chronic Q Fever Patients Provides Insights into Disease Pathogenesis** (2015) Pennings JLA, Kremers MNT, Hodemaekers HM, Hagenaars JCJP, Koning OHJ, Renders NHM, Hermans MHA, De Klerk A, Notermans DW, Wever PC, Janssen R [Clinical and Vaccine Immunology](#)

**The long-acting  $\beta_2$ -agonist olodaterol attenuates pulmonary inflammation.** (2015) Wex E, Kollak I, Duechs MJ, Naline E, Wollin L, Devillier P. [Br J Pharmacol. 2015 Mar 30. doi: 10.1111/bph.13143. \[Epub ahead of print\]](#)

**A phase 2 randomized dose-ranging study of the JAK2-selective inhibitor fedratinib (SAR302503) in patients with myelofibrosis** (2015) Pardanani A, Tefferi A, Jamieson C, Gabrail NY, Lebedinsky C, Gao G, Liu F, Xu C, Cao H and Talpaz M [Blood Cancer Journal](#)

**Novel first-dose adverse drug reactions during a phase I trial of olipudase alfa (recombinant human acid sphingomyelinase) in adults with Niemann-Pick disease type B (acid sphingomyelinase deficiency).** (2015) McGovern MM, Wasserstein MP, Kirmse B, Duvall WL, Schiano T, Thurberg BL, Richards S, Cox GF. [Genet Med. 2015 Apr 2. doi: 10.1038/gim.2015.24. \[Epub ahead of print\]](#)

**THU0223 Serum Biomarkers Associated with Changes in Asdas and MRI Following Treatment of Ankylosing Spondylitis with Golimumab** (2015) Inman RD, Baraliakos X, Hermann KG, Braun J, Deodhar A, van der Heijde DF, Xu S, Hsu B [Ann Rheum Dis](#)

**Integrative proteomic analysis of the NMDA NR1 knockdown mouse model reveals effects on central and peripheral pathways associated with schizophrenia and autism spectrum disorders.** (2015) Wesseling H, Guest PC, Lee CM, Wong EH, Rahmoune H, Bahn S [Mol Autism](#).

**A 7-month cigarette smoke inhalation study in C57BL/6 mice demonstrates reduced lung inflammation and emphysema following smoking cessation or aerosol exposure from a prototypic modified risk tobacco product.** (2015) Phillips B, Veljkovic E, Peck MJ, Buettner A, Elamin A, Guedj E, Vuillaume G, Ivanov NV, Martin F, BouÅ©b S, Schlage WK, Schneider T, Titz B, Talikka M, Vanscheeuwijck P, Hoeng J, Peitsch MC. [Food Chem Toxicol. 2015 Apr 2. pii: S0278-6915\(15\)00088-5. doi: 10.1016/j.fct.2015.03.009. \[Epub ahead of print\]](#)

**Identification of plasma biomarker concentration changes resulting from the administration of the Vascular Disrupting Agent BNC105 across 3 clinical trials in mesothelioma, ovarian and renal cancer** (2015) Kremmidiotis G, Leske A, Simpson J, Doolin E, Iglesias J [AACR 2015](#)

**Systems Biology Reveals Cigarette Smoke-Induced Concentration-Dependent Direct and Indirect Mechanisms That Promote Monocyte-Endothelial Cell Adhesion.** (2015) Poussin C, Laurent A, Peitsch MC, Hoeng J, De Leon H [Toxicol Sci](#).

**Cd4+ T-Cell Profiles and Peripheral Blood Ex-Vivo Responses to T-Cell Directed Stimulation Delineate Copd Phenotypes** (2015) Roberts MEPH, Brandon W.; Brohawn, Philip; Pilataxi, Fernanda; Guo, Xiang; Kuziora, Michael; Bowler, Russell P.; White, Wendy I. [Chronic Obstructive Pulmonary Diseases](#)

**Temporal phenotypic features distinguish polarized macrophages in vitro.** (2015) Melton DW, McManus LM, Gelfond JA, Shireman PK. [Autoimmunity. 2015 Mar 31;1-16. \[Epub ahead of print\]](#)

**Biomarker results from a clinical trial of nivolumab in patients (pts) with metastatic renal cell carcinoma (mRCC) (CA209-009): Gene expression, serum profiling for immune markers, and multiplex tissue immunohistochemistry (IHC)** (2015) Choueiri TK, Fishman MN, Escudier B, Stadler WM, Chasalow S, Ross-Macdonald P, Jure-Kunkel M, Szoln M, and Simon JS [Cancer Res](#)

**MEDI-551 Treatment Effectively Depletes B Cells and Reduces Serum Titers of Autoantibodies in Sle1-Human CD19 Transgenic Mice.** (2015) Gallagher S, Yusuf I, McCaughy TM, Turman S, Sun H, Kolbeck R, Herbst R, Wang Y [Arthritis Rheumatol](#).

**Serum IGF-BP2 Strongly Moderates Age-Related Effect on Cognition: A MIMIC Analysis.**(2015) Royall DR, Bishnoi RJ, Palmer RF

## Bibliography

[Neurobiol. Aging. 14 April 2015. \[Epub ahead of print\]](#)

**Novel data-mining approach identifies biomarkers for diagnosis of Kawasaki disease** (2015) Tremoulet AH, Dutkowski J, Sato Y, Kanegaye JT, Ling XB, Burns JC [Pediatr Res.](#)

**Leptin, BMI, and a Metabolic Gene Expression Signature Associated with Clinical Outcome to VEGF Inhibition in Colorectal Cancer** (2015) Pommier AJC, Farren M, Patel B, Wappett M, Michopoulos F, Smith NR, Kendrew J, Frith J, Huby R, Eberlein C, Campbell H, Womack C, Smith PD, Robertson J, Morgan S, Critchlow SE, Barry ST [Cell Metabolism](#)

**Mechanism-based combination treatment dramatically increases therapeutic efficacy in murine globoid cell leukodystrophy.** (2015) Hawkins-Salsbury JA, Shea L, Jiang X, Hunter DA, Guzman AM, Reddy AS, Qin EY, Li Y, Gray SJ, Ory DS, Sands MS. [J Neurosci. 2015 Apr 22;35\(16\):6495-505. doi: 10.1523/JNEUROSCI.4199-14.2015.](#)

**Common Effects on Cancer Cells Exerted by a Random Positioning Machine and a 2D Clinostat** (2015) Svejgaard B, Wehland M, Ma X, Kopp S, Sahana J, Warnke E, Aleshcheva G, Hemmersbach R, Hauslage J, Grosse J, Bauer J, Corydon TJ, Islam T, Infanger M, Grimm D [PLoS One](#)

**Characterization of Renal Biomarkers for Use in Clinical Trials: Effect of Preanalytical Processing and Qualification Using Samples from Subjects with Diabetes** (2015) Brott DA, Furlong ST, Adler SH, Hainer JW, Arani RB, Pinches M, Rossing P, Chaturvedi N [Drug Design, Development and Therapy](#)

**Alarmin function of galectin-9 in murine respiratory tularemia.** (2015) Steichen AL, Simonson TJ, Salmon SL, Metzger DW, Mishra BB, Sharma J. [PLoS One. 2015 Apr 21;10\(4\):e0123573. doi: 10.1371/journal.pone.0123573. eCollection 2015.](#)

**Central and peripheral changes underlying susceptibility and resistance to social defeat stress – a proteomic profiling study** (2015) Stelzhammer V, Ozcan S, Gottschalk MG, Steeb H, Hodes GE, Guest PC, Rahmoune H, Wong EHF, Russo SJ, Bahn S [Diagnostics in Neuropsychiatry](#)

**Systems toxicology-based assessment of the candidate modified risk tobacco product THS2.2 for the adhesion of monocytic cells to human coronary arterial endothelial cells** (2015) Poussin C, Laurent A, Peitsch MC, Hoeng J, and De Leon H [Toxicology](#)

**The Effect Trial: Evaluating Exacerbations, Biomarkers, and Safety Outcomes with Two Dose Levels of Fluticasone Propionate/Formoterol in Copd** (2015) Papi A, Jones PW, Dalvi PS, Mcaulay K, Mciver T, Dissanayake S [International Journal of COPD](#)

---

**Cytokine alterations in first-episode schizophrenia patients before and after antipsychotic treatment** (2014) de Witte L, Tomasik J, Schwarz E, Guest PC, Rahmoune H, Kahn RS, Bahn S [Schizophr Res. 2014 Feb 26. pii: S0920-9964\(14\)00071-1](#)

**Inflammatory Molecular Signature Associated With Infectious Agents in Psychosis** (2014) Hayes LN, Severance EG, Leek JT, Gressitt KL, Rohleder C, Coughlin JM, Leweke FM, Yolken RH, Sawa A [Schizophr Bull. 2014 Apr 17. \[Epub ahead of print\]](#)

**Circulating chemokines in relation to coronary plaque characteristics on radiofrequency intravascular ultrasound and cardiovascular outcome.** (2014) Cheng JM, Oemrawsingh RM, Akkerhuis KM, Garcia-Garcia HM, de Boer SP, Battes LC, Buljubasic N, Lenzen MJ, de Jaegere PP, van Geuns RJ, Serruys PW, Kardys I, Boersma E. [Informa Healthcare Biomarkers 2014 Sep 8:1-9. \[Epub ahead of print\]](#)

**Telomerase expression confers cardioprotection in the adult mouse heart after acute myocardial infarction.** (2014) BÃr C, de Jesus BB, Serrano R, Tejera A, Ayuso E, Jimenez V, Formentini I, Bobadilla M, Mizrahi J, de Martino A, Gomez G, Pisano D, Mulero F, Wollert KC, Bosch F, Blasco MA. [Nat Commun. 2014 Dec 18;5:5863. doi: 10.1038/ncomms6863.](#)

## Bibliography

- Molecular Neuropsychology: Creation of Test-Specific Blood Biomarker Algorithms** (2014) O'Bryant SE, Xiao G, Barber R, Cullum CM, Weiner M, Hall J, Edwards M, Grammas P, Wilhelmsen K, Doody R, Diaz-Arrastia R [Dementia and Geriatric Cognitive Disorders](#)
- Effect of ozone exposure and infection on bronchoalveolar lavage: Sex differences in response patterns** (2014) Mikerov AN, Phelps DS, Gan X, Umstead TM, Haque R, Wang G, Floros J [Toxicol Lett. 2014 Apr 21. pii: S0378-4274\(14\)00167-2](#)
- Fat Quality and Incident Cardiovascular Disease, All-Cause Mortality and Cancer Mortality** (2014) Rosenquist KJ, Massaro JM, Pedley A, Long MT, Kreger BE, Vasani RS, Murabito JM, Hoffmann U, Fox CS. [Journal of Clinical Endocrinology & Metabolism 2014 Sep 16;jc20134296. \[Epub ahead of print\]](#)
- Pharmacokinetic, pharmacodynamic and biomarker evaluation of transforming growth factor- $\beta$  receptor I kinase inhibitor, galunisertib, in phase 1 study in patients with advanced cancer.** (2014) Rod n J, Carducci M, Sepulveda-S nchez JM, Azaro A, Calvo E, Seoane J, Bra a I, Sicart E, Gueorguieva I, Cleverly A, Pillay NS, Desai D, Estrem ST, Paz-Ares L, Holdhoff M, Blakeley J, Lahn MM, Baselga J. [Invest New Drugs. 2014 Dec 23. \[Epub ahead of print\]](#)
- A phase I study of the human monoclonal anti-NRP1 antibody MNRP1685A in patients with advanced solid tumors** (2014) Weekes CD, Beeram M, Tolcher AW, Papadopoulos KP, Gore L, Hegde P, Xin Y, Yu R, Shih LM, Xiang H, Brachmann RK, Patnaik A [Invest New Drugs. 2014 Mar 7. \[Epub ahead of print\]](#)
- Aliskiren and valsartan mediate left ventricular remodeling post-myocardial infarction in mice through MMP-9 effects** (2014) Ramirez TA, Iyer RP, Ghasemi O, Lopez EF, Levin DB, Zhang J, Zamilpa R, Chou YM, Jin YF, Lindsey ML [J Mol Cell Cardiol. 2014 Apr 22. pii: S0022-2828\(14\)00118-7](#)
- Cerium oxide nanoparticles attenuate monocrotaline induced right ventricular hypertrophy following pulmonary arterial hypertension** (2014) Kolli MB, Manne ND, Para R, Nalabotu SK, Nandyala G, Shokuhfar T, He K, Hamlekhan A, Ma JY, Wehner PS, Dornon L, Arvapalli R, Rice KM, Blough ER. [Biomaterials. 2014 Sep 12. pii: S0142-9612\(14\)00962-4. doi: 10.1016/j.biomaterials.2014.08.037. \[Epub ahead of print\]](#)
- High fidelity between saliva proteomics and the salivary glands' biological state defines biomarker-signatures for primary Sj gren's syndrome.** (2014) Delaleu N, Mydel P, Kwee I, Brun JG, Jonsson MV, Jonsson R. [Arthritis Rheumatol. 2014 Dec 29. doi: 10.1002/art.39015. \[Epub ahead of print\]](#)
- Apolipoprotein H Expression Is Associated with IL28b Genotype and Viral Clearance in Hepatitis C Virus Infection** (2014) Laird ME, Mohsen A, Duffy D, Mamdouh R, Lefouler L, Casrouge A, El-Daly M, Rafik M, Abdel-Hamid M, Soulier A, Pawlotsky J-M, H zode C, Rosa I, Renard P, Mohamed MK, Bonnard P, Izopet J, Mallet V, Pol S, Albert ML, Fontanet A [Journal of Hepatology](#)
- Multiplex Screen of Serum Biomarkers in** (2014) Statlanda J, Donlin-Smithb CM, Tapscottc SJ, van der Maarel S, Tawil, R [Journal of Neuromuscular Diseases DOI.0.3233/JND-140034](#)
- CXCR4 promotes renal tubular cell survival in male diabetic rats: implications for ligand inactivation in the human kidney.** (2014) Siddiqi FS, Chen L, Advani SL, Thai K, Batchu SN, Alghamdi TA, White KE, Sood MM, Gibson IW, Connelly KA, Marsden PA, Advani A. [Endocrinology. 2014 Dec 30;en20141650. \[Epub ahead of print\]](#)
- Comparison of serum, EDTA plasma and P100 plasma for luminex-based biomarker multiplex assays in patients with chronic obstructive pulmonary disease in the SPIROMICS study** (2014) O'Neal WK, Anderson W, Basta PV, Carretta EE, Doerschuk CM, Barr RG, Bleecker ER, Christenson SA, Curtis JL, Han MK, Hansel NN, Kanner RE, Kleerup EC, Martinez FJ, Miller BE, Peters SP, Rennard SI, Scholand MB, Tal-Singer R, Woodruff PG, Couper DJ, Davis SM [J Transl Med. 2014 Jan 8;12\(1\):9](#)
- Plasma S100A12 is associated with functional outcome after ischemic stroke: Research for Biomarkers in Ischemic Stroke** (2014) Wakisakaa Y, Agoa T, Kamouchib M, Kurodaa J, Matsuo R, Hataa J, Gotoha S, Isomurad T, Awanod H, Suzukid, K, Fukudaa K, Okadaf Y, Kiyoharac Y, Ooboshig H, Kitazonoa T, on behalf of the REBIOS Investigators [Journal of the Neurological Sciences 04](#)

## Bibliography

[Mar 2014](#)

**A phase I dose-escalation study to a predefined dose of a transforming growth factor- $\beta$ 1 monoclonal antibody (T $\beta$ M1) in patients with metastatic cancer** (2014) Cohn A, Lahn MM, Williams KE, Cleverly AL, Pitou C, Kadam SK, Farmen MW, Desai D, Raju R, Conkling P, Richards D [International Journal of Oncology 10.3892/ijo.2014.2679](#)

**Targeting glycosaminoglycans in the lung by an engineered CXCL8 as a novel therapeutic approach to lung inflammation** (2014) Adage T, Konya V, Weber C, Strutzmann E, Fuchs T, Zankl C, Gerlza T, Jeremic D, Heinemann A, Kungl AJ. [Eur J Pharmacol. 2014 Dec 29. pii: S0014-2999\(14\)00889-9. doi: 10.1016/j.ejphar.2014.12.019. \[Epub ahead of print\]](#)

**Significance of plasma adiponectin for diagnosis, neurological severity and functional outcome in ischemic stroke - Research for Biomarkers in Ischemic Stroke (REBIOS)** (2014) Matsuo R, Ago T, Kamouchi M, Kuroda J, Kuwashiro T, Hata J, Sugimori H, Fukuda K, Gotoh S, Makihara N, Fukuhara M, Awano H, Isomura T, Suzuki K, Yasaka M, Okada Y, Kiyohara Y, Kitazono T [BMC Neurol. 2013 Apr 8;13:32](#)

**An Anti-Neuroinflammatory That Targets Dysregulated Glia Enhances the Efficacy of CNS-Directed Gene Therapy in Murine Infantile Neuronal Ceroid Lipofuscinosis.** (2014) Macauley SL, Wong AMS, Shyng C, Augner DP, Dearborn JT, Pearse Y, Roberts MS, Fowler SC, Cooper JD, Watterson DM, Sands MS [Journal of Neuroscience 2014 Sep 24;34\(39\):13077-82. doi: 10.1523/JNEUROSCI.2518-14.2014.](#)

**Basal inflammation and innate immune response in chronic multisite musculoskeletal pain.** (2014) Generaal E, Vogelzangs N, Macfarlane GJ, Geenen R, Smit JH, Dekker J, Penninx BW. [Pain. 2014 Aug;155\(8\):1605-12. doi: 10.1016/j.pain.2014.05.007. Epub 2014 May 9.](#)

**Discovery of Emphysema Relevant Molecular Networks from an A/J Mouse Inhalation Study Using Reverse Engineering and Forward Simulation (REFS $\alpha$ , $\epsilon$ )** (2014) Xiang Y, Kogel U, Gebel S, Peck MJ, Peitsch MC, Akmaev VR, Hoeng J [Gene Regul Syst Bio. 2014 Feb 19;8:45-61](#)

**A Phase 1 Dose-Finding Study of the Novel Toll-like Receptor 8 Agonist VTX 2337 in Adult Subjects with Advanced Solid Tumors or Lymphoma** (2014) Northfelt DW, Ramanathan RK, Cohen PA, Von Hoff DD, Weiss GJ, Dietsch GN, Manjarrez KL, Randall TD, Hersberg RM [Clin Cancer Res. 2014 May 7](#)

**Efficacy, safety, pharmacokinetics and pharmacodynamics of SAR245409 (XL765), an orally administered PI3K/mTOR inhibitor: a phase 1 expansion cohort in patients with relapsed or refractory lymphoma.** (2014) Papadopoulos KP, Egile C, Ruiz-Soto R, Jiang J, Shi W, Bentzien F, Rasco D, Abrisqueta P, Vose JM, Tabernero J. [Informa Healthcare Leuk Lymphoma. 2014 Oct 10:1-32. \[Epub ahead of print\]](#)

**The role of endogenous epidermal growth factor receptor ligands in mediating corneal epithelial homeostasis.** (2014) Peterson JL, Phelps ED, Doll MA, Schaal S, Ceresa BP. [Invest Ophthalmol Vis Sci. 2014 May 1;55\(5\):2870-80. doi: 10.1167/iovs.13-12943.](#)

**Synovial explant inflammatory mediator production corresponds to rheumatoid arthritis imaging hallmarks: a cross sectional study** (2014) Andersen, M., Boesen, M., Ellegaard, K., Christensen, R., S $\ddot{a}$ nderstr $\ddot{a}$ m, K., S $\ddot{a}$ e, N., & Bliddal, H [Arthritis Research & Therapy. 16\(3\). R107](#)

**Proteomic changes in serum of first onset, antidepressant drug-na $\ddot{u}$ ve major depression patients.** (2014) Stelzhammer V, Haenisch F, Chan MK, Cooper JD, Steiner J, Steeb H, Martins-de-Souza D, Rahmoune H, Guest PC, Bahn S. [Int J Neuropsychopharmacol. 2014 Oct;17\(10\):1599-608. doi: 10.1017/S1461145714000819. Epub 2014 Jun 5.](#)

**CSF Apo-E levels associate with cognitive decline and MRI changes** (2014) Toledo JB, Da X, Weiner MW, Wolk DA, Xie SX, Arnold SE, Davatzikos C, Shaw LM, Trojanowski JQ; For the Alzheimer $\ddot{e}$ s Disease Neuroimaging Initiative [Acta Neuropathol. 2014 Jan 3. \[Epub ahead of print\]](#)

**Reduction of pro-inflammatory cytokines in rats following 7-day oral supplementation with a proprietary eggshell**



## Bibliography

**membrane-derived product** (2014) Ruff KJ, DeVore DP [Modern Research in Inflammation. 3, 19-25](#)

**Spheroid formation of human thyroid cancer cells** (2014) Warnke E, Pietsch J, Wehland M, Bauer J, Infanger M, GÄrrÄg M, Hemmersbach R, Braun M, Ma X, Sahana J, Grimm D [Cell Communication and Signaling 2014. 12:32](#)

**The association of plasma biomarkers with computed tomography-assessed emphysema phenotypes** (2014) Carolan BJ, Hughes G, Morrow J, Hersh CP, O'Neal WK, Rennard S, Pillai SG, Belloni P, Cockayne DA, Comellas AP, Han M, Zemans RL, Kechris K, Bowler RP. [Respiratory Research 2014 Oct 12;15\(1\):127. doi: 10.1186/s12931-014-0127-9.](#)

**Effects of Ruxolitinib Treatment on Metabolic and Nutritional Parameters in Patients With Myelofibrosis From COMFORT-I.** (2014) Mesa RA, Verstovsek S, Gupta V, Mascarenhas J, Atallah E, Burn T, Sun W, Sandor V, Gotlib J. [Clin Lymphoma Myeloma Leuk \[Epub ahead of print\]](#)

**Regional Neurovascular Inflammation and Apoptosis Are Detected after Electrical Contact Injury** (2014) Prindeze NJ, Jo DY, Paul DW, Ortiz RT, Carney BC, Bullock RM, Moffatt LT, Shupp JW [Journal of Burn Care & Research](#)

**Nonclinical Safety Profile of BMS-986001, a Nucleoside Transcriptase Inhibitor for Combination Retroviral Therapy** (2014) Mausumee G, Frank S, Shawn C, Dara H, Zhao Y, Soleil PM, Sanderson TP, Michael G, Marc D [Int J Toxicol. 2014 May 20;33\(3\):204-218](#)

**Predicting therapeutic efficacy of intravenous immunoglobulin (IVIG) in individual patients with relapsing remitting multiple sclerosis (RRMS) by functional genomics** (2014) Berger T, Jacob C, Haas J, Ransmayr G, Guger M, Zettl UK, Di Pauli F, Taumberger B, Wietek S, Meuer S, Reindl M, Giese T [Journal of Neuroimmunology DOI: 10.1016/j.jneuroim.2014.10.001](#)

**Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction.** (2014) Yabluchanskiy A, Ma Y, Chiao YA, Lopez EF, Voorhees AP, Toba H, Hall ME, Han HC, Lindsey ML, Jin YF. [Am J Physiol Heart Circ Physiol. 2014 May 15;306\(10\):H1398-407. doi: 10.1152/ajpheart.00090.2014. Epub 2014 Mar 21.](#)

**Development, manufacturing and characterization of a highly purified, liquid immunoglobulin g preparation from human plasma.** (2014) Laursen IA, Blou L, Sullivan JS, Bang P, Balstrup F, Houen G. [Transfus Med Hemother. 2014 Jun;41\(3\):205-12. doi: 10.1159/000357982. Epub 2014 Apr 14.](#)

**Significance of Plasma Adiponectin for Diagnosis, Neurological Severity and Functional Outcome in Ischemic Stroke â€” Research for Biomarkers in Ischemic Stroke (Rebios)** (2014) Kuwashiro T, Ago T, Kamouchi M, Matsuo R, Hata J, Kuroda J, Fukuda K, Sugimori H, Fukuhara M, Awano H, Isomura T, Suzuki K, Yasaka M, Okada Y, Kiyohara Y, Kitazono T [Metabolism](#)

**The application of multiple reaction monitoring and multi-analyte profiling to HDL proteins** (2014) Yassine HN, Jackson AM, Borges CR, Billheimer D, Koh H, Smith D, Reaven P, Lau SS, Borchers CH [Lipids Health Dis. 2014 Jan 8;13\(1\):8](#)

**The Impact of APOE Status on Relationship of Biomarkers of Vascular Risk and Systemic Inflammation to Neuropsychiatric Symptoms in Alzheimer's Disease** (2014) Hall JR, Wiechmann AR, Johnson LA, Edwards M, Barber RC, Cunningham R, Singh M, O'Bryant SE [J Alzheimers Dis. 2014 Feb 20. \[Epub ahead of print\]](#)

**A prospective assessment of the effect of aminophylline therapy on urine output and inflammation in critically ill children** (2014) Tamburro RF, Thomas NJ, Ceneviva GD, Dettorre MD, Brummel GL, Lucking SE [Front. Pediatr. 2:59](#)

**Towards a Psychosis Risk Blood Diagnostic for Persons Experiencing High-Risk Symptoms: Preliminary Results From the NAPLS Project.** (2014) Perkins DO, Jeffries CD, Addington J, Bearden CE, Cadenhead KS, Cannon TD, Cornblatt BA, Matalon DH, McGlashan TH, Seidman LJ, Tsuang MT, Walker EF, Woods SW, Heinssen R. [Schizophr Bull. 2014 Aug 6. pii: sbu099. \[Epub ahead of print\]](#)

**A Phase 2, Randomized, Double-blind, Multicenter Study Comparing Siltuximab Plus Best Supportive Care With Placebo Plus**

## Bibliography

- Best Supportive Care in Anemic Patients With International Prognostic Scoring System Low- or Intermediate-1â€“Risk Myelodysplastic Syndrome** (2014) Garcia-Manero G, Gartenberg G, Steensma DP, Schipperus MR, Breems DA, de Paz R, ValcÃ¡rcel D, Kranenburg B, Reddy M, Komrokji RS [Am J Hematol. 2014 May 31](#)
- Plasma biosignature and brain pathology related to persistent cognitive impairment in late-life depression.** (2014) Diniz BS, Sibille E, Ding Y, Tseng G, Aizenstein HJ, Lotrich F, Becker JT, Lopez OL, Lotze MT, Klunk WE, Reynolds CF, Butters MA. [Mol Psychiatry. 2014 Aug 5. doi: 10.1038/mp.2014.76. \[Epub ahead of print\]](#)
- Pharmacologic inhibition of S-nitrosoglutathione reductase protects against experimental asthma in BALB/c mice through attenuation of both bronchoconstriction and inflammation** (2014) Blonder JP, Mutka SC, Sun X, Qiu J, Green LH, Mehra NK, Boyanapalli R, Suniga M, Look K, Delany C, Richards JP, Looker D, Scoggin C, Rosenthal GJ [BMC Pulm Med. 2014 Jan 10;14\(1\):3](#)
- MRI signal and texture features for the prediction of MCI to Alzheimer's disease progression** (2014) MartÃ¡nez -Torteya A, RodrÃ¡guez-Rojas J, Celaya-Padilla JM, GalvÃ¡n-Tejada JI, TreviÃ±o V, Tamez-PeÃ±a JG [Proc. SPIE 9035](#)
- Altered microglial response to AÃŸ plaques in APPPS1-21 mice heterozygous for TREM2** (2014) Ulrich JD, Finn MB, Wang Y, Shen A, Mahan TE, Jiang H, Stewart FR, Piccio L, Colonna M, Holtzman DM [Mol Neurodegener. 2014 Jun 3;9\(1\):20](#)
- Oxidative stress and reduced responsiveness of challenged circulating leukocytes following pulmonary instillation of metal-rich particulate matter in rats.** (2014) Erdely A, Antonini JM, Young SH, Kashon ML, Gu JK, Hulderman T, Salmen R, Meighan T, Roberts JR, Zeidler-Erdely PC. [Part Fibre Toxicol. 2014 Aug 15;11:34. doi: 10.1186/s12989-014-0034-8.](#)
- Exploring effects of a natural combination medicine on exercise-induced inflammatory immune response: A double-blind RCT** (2014) Pilat C, Frech T, Wagner A, KrÃ¼ger K, Hillebrecht A, Pons-KÃ¼hnemann J, Scheibelhut C, BÃ¶deker RH, Mooren FC [Scand J Med Sci Sports. 2014 Jun 12](#)
- Genome-Wide Association Study of CSF Levels of 59 Alzheimer's Disease Candidate Proteins: Significant Associations with Proteins Involved in Amyloid Processing and Inflammation** (2014) Kauwe JS, Bailey MH, Ridge PG, Perry R, Wadsworth ME, Hoyt KL, Staley LA, Karch CM, Harari O, Cruchaga C, Ainscough BJ, Bales K, Pickering EH, Bertelsen S; Alzheimer's Disease Neuroimaging Initiative, Fagan AM, Holtzman DM, Morris JC, Goate AM [PLoS Genet](#)
- The Use of Multiplex Platforms for Absolute and Relative Protein Quantification of Clinical Material** (2014) Christiansson L, Mustjoki S, Simonsson B, Olsson-StrÃ¶mberg U, Loskog ASI, Mangsbo SM [EuPA Open Proteomics](#)
- Implementing lessons learned from previous bronchial biopsy trials in a new randomized controlled COPD biopsy trial with roflumilast** (2014) Barnes NC, Saetta M, Rabe KF [BMC Pulm Med. 2014 Jan 31;14\(1\):9](#)
- Carlumab, an anti-C-C chemokine ligand 2 monoclonal antibody, in combination with four chemotherapy regimens for the treatment of patients with solid tumors: an open-label, multicenter phase 1b study** (2014) Brana I, Calles A, LoRusso PM, Yee LK, Puchalski TA, Seetharam S, Zhong B, de Boer CJ, Tabernero J, Calvo E [Target Oncol. 2014 Jun 15](#)
- Bone marrow from blotchy mice is nonessential to regulate blood copper and aortic pathologies in LDLR deficient mice during chronic angiotensin II infusion** (2014) Harris D, Liang Y, Chen C, Li S, Patel O, Qin Z [Annals of Vascular Surgery](#)
- Candidate Blood Proteome Markers of Alzheimer's Disease Onset and Progression: A Systematic Review and Replication Study** (2014) Kiddle SJ, Sattler M, Proitsi P, Simmons A, Westman E, Bazenet C, Nelson SK, Williams S, Hodges A, Johnston C, Soininen H, Kloszewska I, Mecocci P, Tsolaki M, Vellas B, Newhouse S, Lovestone S, Dobson RJ [Journal of Alzheimer's Disease](#)
- Effects of an Anti-Tslp Antibody on Allergen-Induced Asthmatic Responses** (2014) Gauvreau GM, O'byrne PM, Boulet L-P, Wang Y, Cockcroft D, Bigler J, Fitzgerald JM, Boedigheimer M, Davis BE, Dias C, Gorski KS, Smith L, Bautista E, Comeau MR, Leigh R, Parnes JR [New England Journal of Medicine](#)

## Bibliography

**Low levels of cerebrospinal fluid complement 3 and factor H predict faster cognitive decline in mild cognitive impairment** (2014) Toledo JB, Korff A, Shaw LM, Trojanowski JQ, Zhang J [Alzheimer's Research & Therapy 2014, 6:36](#)

**TRAMP Prostate Tumor Growth Is Slowed by Walnut Diets Through Altered IGF-1 Levels, Energy Pathways, and Cholesterol Metabolism** (2014) Kim H, Yokoyama W, Davis PA. [J Med Food. 2014 Oct 29. \[Epub ahead of print\]](#)

**Clinical and Preclinical Characterization of the Histamine H4 Receptor Antagonist Jnj-39758979** (2014) Thurmond RL, Chen B, Dunford PJ, Greenspan AJ, Karlsson L, La D, Ward P, Xu XL [Journal of Pharmacology and Experimental Therapeutics](#)

**Serum proteomic analysis identifies sex-specific differences in lipid metabolism and inflammation profiles in adults diagnosed with Asperger syndrome** (2014) Steeb H, Ramsey JM, Guest PC, Stocki P, Cooper JD, Rahmoune H, Ingudomnukul E, Auyeung B, Ruta L, Baron-Cohen S, Bahn S [Mol Autism. 2014 Jan 27;5\(1\):4](#)

**Functional Analysis via Standardized Whole-Blood Stimulation Systems Defines the Boundaries of a Healthy Immune Response to Complex Stimuli** (2014) Duffy D, Rouilly V, Libri V, Hasan M, Beitz B, David M, Urrutia A, Bisiaux A, LaBrie ST, Dubois A, Boneca IG, Delval C, Thomas S, Rogge L, Schmolz M, Quintana-Murci L, Albert ML [Immunity Volume 40, Issue 3, 20 March 2014, Pages 436-450](#)

**CD47 Blockade Reduces Ischemia-Reperfusion Injury and Improves Outcomes in a Rat Kidney Transplant Model** (2014) Lin Y, Manning PT, Jia J, Gaut JP, Xiao Z, Capoccia BJ, Chen CC, Hiebsch RR, Upadhyaya G, Mohanakumar T, Frazier WA, Chapman WC [Transplantation. 2014 Jun 30. \[Epub ahead of print\]](#)

**Plasma leptin levels are not predictive of dementia in patients with mild cognitive impairment.** (2014) Oania R, McEvoy LK. [Age Ageing. 2014 Oct 27. pii: afu160. \[Epub ahead of print\]](#)

**The Application of Multiple Reaction Monitoring to Assess ApoA-I Methionine Oxidations in Diabetes and Cardiovascular Disease** (2014) Yassine HN, Jackson AM, Reaven PD, Nedelkov D, Nelson RW, Lau SS, Borchers CH [Translational Proteomics](#)

**Vectra DA for the objective measurement of disease activity in patients with rheumatoid arthritis.** (2014) Segurado OG, Sasso EH. [Clin Exp Rheumatol.](#)

**Total Cholesterol and Neuropsychiatric Symptoms in Alzheimer's Disease: The Impact of Total Cholesterol Level and Gender** (2014) Hall JR, Wiechmann AR, Johnson LA, Edwards M, Barber RC, Cunningham R, Singh M, O'Bryant SE [Dementia and Geriatric Cognitive Disorders Vol. 38, No. 5-6, 2014](#)

**Lower leptin/adiponectin ratio and risk of rapid lung function decline in chronic obstructive pulmonary disease.** (2014) Suzuki M, Makita H, Ostling J, Thomsen LH, Konno S, Nagai K, Shimizu K, Pedersen JH, Ashraf H, Bruijnzeel PL, Maciewicz RA, Nishimura M; for the Hokkaido COPD cohort study and DLCST investigators. [Ann Am Thorac Soc. 2014 Nov 5. \[Epub ahead of print\]](#)

**Immunomodulatory Activities of a Concentrated Fruit and Vegetable Juice Tested in a Randomized, Placebo-Controlled, Double-Blind Clinical Trial in Healthy Volunteers** (2014) Schmolz M, März RW, Schaudt M, Schaudt C, Lauster C [Food and Nutrition Sciences, Vol. 5 No. 4, 2014, pp. 341-350](#)

**Normal Ranges and Variability of Novel Urinary Renal Biomarkers in Sprague-Dawley Rats** (2014) Gautier JC, Gury T, Guffroy M, Khan-Malek R, Hoffman D, Pettit S, Harpur E [Toxicol Pathol. 2014 Apr 7. \[Epub ahead of print\]](#)

**Combination treatment with oncolytic Vaccinia virus and cyclophosphamide results in synergistic antitumor effects in human lung adenocarcinoma bearing mice** (2014) Hofmann E, Weibel S, Szalay AA [Journal of Translational Medicine 2014 Jul 17:12:197. doi: 10.1186/1479-5876-12-197](#)

**Circulating acute phase proteins in relation to extent and composition of coronary atherosclerosis and cardiovascular outcome: results from the ATHEROREMO-IVUS study** (2014) Battes LC, Akkerhuis KM, Cheng JM, Garcia-Garcia HM,

## Bibliography

Oemrawsingh RM, de Boer SPM, Reger E, van Geuns R-J, Serruys PW, Boersma E, Kardys I [International Journal of Cardiology](#)

**Vitamin D Binding Protein as a Serum Biomarker of Alzheimer's Disease.** (2014) Bishnoi RJ, Palmer RF, Royall DR. [Journal of Alzheimer's Disease 2014 Jul 30. \[Epub ahead of print\]](#)

**A targeted multiplexed proteomic investigation identifies ketamine-induced changes in immune markers in rat serum and expression changes in protein kinases/phosphatases in rat brain.** (2014) Wesseling H, Rahmoune H, Tricklebank M, Guest PC, Bahn S. [J Proteome Res. 2014 Nov 2. \[Epub ahead of print\]](#)

**Altered Macrophage-Phenotype Transition Impairs Skeletal Muscle Regeneration** (2014) Wang H, Melton D, Porter L, Sarwar ZU, McManus LM, Shireman PK [Am J Pathol. 2014 Feb 10. pii: S0002-9440\(14\)00025-X](#)

**Truncated CXCL10 is associated with failure to achieve spontaneous clearance of acute hepatitis C infection** (2014) Riva A, Laird M, Casrouge A, Ambrozaitis A, Williams R, Naoumov NV, Albert ML, Chokshi S [Hepatology. 2014 Mar 26](#)

**Plasma protein biomarkers enhance the clinical prediction of kidney injury recovery in patients undergoing liver transplantation.** (2014) Levitsky J, Baker TB, Jie C, Ahya S, Levin M, Friedewald J, Al-Saden P, Salomon DR, Abecassis MM. [Hepatology 2014 Jul 31. doi: 10.1002/hep.27346. \[Epub ahead of print\]](#)

**Multiplexed protein profiling after aneurysmal subarachnoid hemorrhage: Characterization of differential expression patterns in cerebral vasospasm.** (2014) Walcott BP, Patel AP, Stapleton CJ, Trivedi RA, Young AM, Ogilvy CS. [J Clin Neurosci. 2014 Jul 28. pii: S0967-5868\(14\)00318-X. doi: 10.1016/j.jocn.2014.06.004. \[Epub ahead of print\]](#)

**Brown Norway Chromosome 1 Congenic Reduces Symptoms of Renal Disease in Fatty Zucker Rats** (2014) Warden CH, Slupsky C, Griffey SM, Bettaieb A, Min E, Le A, Fidler JS, Hansen S, Haj F, Stern JS [PLoS ONE](#)

**Ethnicity Moderates Dementia's Biomarkers.** (2014) Royall DR, Palmer RF [Journal of Alzheimer's Disease 2014 Jul 30. \[Epub ahead of print\]](#)

**FASTKD2 is associated with memory and hippocampal structure in older adults.** (2014) Ramanan VK, Nho K, Shen L, Risacher SL, Kim S, McDonald BC, Farlow MR, Foroud TM, Gao S, Soininen H, Kloszewska I, Mecocci P, Tsolaki M, Vellas B, Lovestone S, Aisen PS, Petersen RC, Jack CR Jr, Shaw LM, Trojanowski JQ, Weiner MW, Green RC, Toga AW, De Jager PL, Yu L, Bennett DA, Saykin AJ. [Mol Psychiatry. 2014 Nov 11. doi: 10.1038/mp.2014.142. \[Epub ahead of print\]](#)

**Distinctive Colonic Mucosal Cytokine Signature in New-Onset, Untreated Pediatric Crohn Disease** (2014) Sylvester FA, Draghi A, Menoret A, Fernandez ML, Wang Z, Vella AT [Journal of Pediatric Gastroenterology and Nutrition](#)

**Oxidative Stress, Testosterone, and Cognition among Caucasian and Mexican-American Men with and without Alzheimer's Disease** (2014) Cunningham RL1, Singh M1, O'Bryant SE2, Hall JR3, Barber RC [J Alzheimers Dis. 2014 Feb 4. \[Epub ahead of print\]](#)

**Rapid Onset Clinical and Mechanistic Effects of anti-C5aR Treatment in the Mouse Collagen Induced Arthritis Model** (2014) Andersson C, Wenander CS, Usher PA, Hebsgaard JB, Sondergaard BC, R n, n , B, Mackay C, Friedrichsen B, Chang C, Tang R, Hornum L [Clin Exp Immunol. 2014 Mar 25](#)

**Neutrophils release extracellular DNA traps in response to exercise.** (2014) Beiter T, Fragasso A, Hudemann J, Schild M, Steinacker J, Mooren FC, Niess AM. [Journal of Applied Physiology 2014 Aug 1;117\(3\):325-33. doi: 10.1152/jappphysiol.00173.2014](#)

**First-in-Human Phase I Study of the Liposomal RNA Interference Therapeutic Atu027 in Patients With Advanced Solid Tumors.** (2014) Schultheis B, Strumberg D, Santel A, Vank C, Gebhardt F, Keil O, Lange C, Giese K, Kaufmann J, Khan M, Drevs J. [J Clin Oncol. 2014 Nov 17. pii: JCO.2013.55.0376. \[Epub ahead of print\]](#)

**Effects of alcohol and polyphenols from beer on atherosclerotic biomarkers in high cardiovascular risk men: a randomized**

## Bibliography

**feeding trial** (2014) Chiva-Blanca G, Magraner E, Condines X, Valderas-Martínez P, Roth I, Arranz S, Casa R, Navarro M, Hervas A, SisÃ³ A, MartÃ³nez-HuÃ©lamo M, VallverdÃ³-Queralt A, Quifer-Rada P, Lamuela-Raventos R-M, Estruch R [Elsevier - Nutrition, Metabolism and Cardiovascular Diseases 2014 Aug 2; doi: 10.1016/j.numecd.2014.07.008](#)

**Multi-analyte profiling of inflammatory mediators in COPD sputum – The effects of processing** (2014) Pedersen F, Holz O, Lauer G, Quintini G, Kiwull-Schone H, Kirsten A-M, Magnussen H, Rabe KF, Goldmann T, Watz H [Cytokine. 2014 Nov 15; doi:10.1016/j.cyto.2014.10.008](#)

**C-terminal region of teneurin-1 co-localizes with the dystroglycan complex in adult mouse testes and regulates testicular size and testosterone production** (2014) Chand D, Colacci M, Dixon K, Kollara A, Brown TJ, Lovejoy DA [Histochem Cell Biol. 2014 Feb;141\(2\):191-211](#)

**Phosphorylated tau-Aβ42 Ratio as a Continuous Trait for Biomarker Discovery for Early-Stage Alzheimer's Disease in Multiplex Immunoassay Panels of Cerebrospinal Fluid.** (2014) Harari O, Cruchaga C, Kauwe JS, Ainscough BJ, Bales K, Pickering EH, Bertelsen S, Fagan AM, Holtzman DM, Morris JC, Goate AM; Alzheimer's Disease Neuroimaging Initiative [Biol Psychiatry. 2014 Jan 19. pii: S0006-3223\(14\)00018-3](#)

**The Human Salivary Proteome is Radiation Responsive** (2014) Moore HD, Ivey RG, Voytovich UJ, Lin C, Stirewalt DL, Pogossova-Agadjanya EL, Paulovich AG [Radiat Res. 2014 Apr 10. \[Epub ahead of print\]](#)

**Are Blood-Based Protein Biomarkers for Alzheimer's Disease also Involved in Other Brain Disorders? A Systematic Review** (2014) Chiam JTW, Dobson RJB, Kiddle SJ, Sattlecker M [Journal of Alzheimer's Disease 2014 Aug 5; 1875-8908 doi:10.3233/JAD-140816](#)

**Deferasirox effect on renal haemodynamic parameters in patients with transfusion-dependent β thalassaemia.** (2014) Piga A, Fracchia S, Lai ME, Cappellini MD, Hirschberg R, Habr D, Wegener A, Bouillaud E, Forni GL. [Br J Haematol. 2014 Nov 17. doi: 10.1111/bjh.13217. \[Epub ahead of print\]](#)

**A multi-biomarker disease activity score tracks clinical response consistently in patients with rheumatoid arthritis treated with different anti-tumor necrosis factor therapies: A retrospective observational study** (2014) Hirata S, Li W, Defranoux N, Cavet G, Bolce R, Yamaoka K, Saito K & Tanaka Y [Mod Rheumatol.](#)

**An integrated omics analysis: impact of microgravity on host response to lipopolysaccharide in vitro** (2014) Chakraborty N, Gautam A, Muhie S, Miller SA, Jett M, Hammamieh R. [BMC Genomics 2014 Aug 7;15\(1\):659. \[Epub ahead of print\]](#)

**MPDL3280A (anti-PD-L1) treatment leads to clinical activity in metastatic bladder cancer.** (2014) Powles T, Eder JP, Fine GD, Braiteh FS, Loria Y, Cruz C, Bellmunt J, Burris HA, Petrylak DP, Teng SL, Shen X, Boyd Z, Hegde PS, Chen DS, Vogelzang NJ. [Nature. 2014 Nov 26;515\(7528\):558-62. doi: 10.1038/nature13904.](#)

**Circulating Cytokines in Relation to the Extent and Composition of Coronary Atherosclerosis: Results from the Atheroremo-ivus Study** (2014) Battes LC, Cheng JM, Oemrawsingh RM, Boersma E, Garcia-Garcia HM, De Boer SPM, Buljubasic N, Mieghem NaV, Regar E, Geuns R-JV, Serruys PW, Akkerhuis KM, Kardys I [Atherosclerosis](#)

**Comparison between Male and Female Sprague-Dawley Rats in the Response of Urinary Biomarkers to Injury Induced by Gentamicin** (2014) Gautier JC, Gury T, Guffroy M, Masson R, Khan-Malek R, Hoffman D, Pettit S, Harpur E [Toxicol Pathol. 2014 Apr 9. \[Epub ahead of print\]](#)

**Disrupted TH17/Treg Balance in Patients with Chronic Low Back Pain.** (2014) Luchting B, Rachinger-Adam B, Zeitler J, Egenberger L, MÃ¼hler P, Kreth S, Azad SC [PLoS ONE 2014 Aug 14;9\(8\):e104883. doi: 10.1371/journal.pone.0104883](#)

**Predictive correlates of response to the anti-PD-L1 antibody MPDL3280A in cancer patients.** (2014) Herbst RS, Soria JC, Kowanetz M, Fine GD, Hamid O, Gordon MS, Sosman JA, McDermott DF, Powderly JD, Gettinger SN, Kohrt HE, Horn L, Lawrence DP, Rost S, Leabman M, Xiao Y, Mokatrín A, Koeppen H, Hegde PS, Mellman I, Chen DS, Hodi FS. [Nature. 2014 Nov 26;515\(7528\):563-7.](#)



## Bibliography

[doi: 10.1038/nature14011](https://doi.org/10.1038/nature14011).

**Elevated Carbon Monoxide to Carbon Dioxide Ratio in the Exhaled Breath of Mice Treated with a Single Dose of Lipopolysaccharide** (2014) Langeroudi AG, Hirsch CM, Estabragh AS, Meinardi S, Blake DR, Barbour AG [Open Forum Infectious Diseases](#)

**Sequencing of Lrp2 Reveals Multiple Rare Variants Associated with Urinary Trefoil Factor-3** (2014) McMahon GM, Olden M, Garnaas M, Yang Q, Liu X, Hwang S-J, Larson MG, Consortium C, Goessling W, Fox CS [Journal of the American Society of Nephrology](#)

**Pretreatment multi-biomarker disease activity score and radiographic progression in early RA: results from the SWEFOT trial** (2014) Hambardzumyan K, Bolce R, Saevarsdottir S, Cruickshank S, Sasso E, Chernoff D, Forslund K, Petersson IF, Geborek P, van Vollenhoven RF [Ann Rheum Dis](#).

**Serum protein profiling reveals baseline and pharmacodynamic biomarker signatures associated with clinical outcome in mCRC patients treated with chemotherapy ± cediranib.** (2014) Pommier AJ, Shaw R, Spencer SK, Morgan SR, Hoff PM, Robertson JD, Barry ST, Jägergensmeier JM. [British Journal of Cancer 2014 Aug 14](#). doi: 10.1038/bjc.2014.436. [Epub ahead of print]

**Cardiac mMCP-4+ mast cell expansion and elevation of IL-6, and CCR1/3 and CXCR2 signaling chemokines in an adjuvant-free mouse model of tree nut allergy.** (2014) Gonipeta B, Para R, He Y, Srkalovic I, Ortiz T, Kim E, Parvataneni S, Gangur V. [Immunobiology. 2014 Dec 2](#). pii: S0171-2985(14)00237-X. doi: 10.1016/j.imbio.2014.11.012. [Epub ahead of print]

**Dipeptidyl Peptidase-4 Inhibition Improves Left Ventricular Function in Chronic Kidney Disease** (2014) Connelly KA, Bowskill BB, Advani SL, Thai K, Chen L-H, Kabir MG, Gilbert RE, Advani A [Clinical & Investigative Medicine](#)

**Evaluation of antidepressant properties of the p38 MAP kinase inhibitor losmapimod (GW856553) in Major Depressive Disorder: Results from two randomised, placebo-controlled, double-blind, multicentre studies using a Bayesian approach** (2014) Inamdar A, Merlo-Pich E, Gee M, Makumi C, Mistry P, Robertson J, Steinberg E, Zamuner S, Learned S, Alexander R, Ratti E [J Psychopharmacol. 2014 Apr 2](#). [Epub ahead of print]

**Effects of acute inhalation of aerosols generated during resistance spot welding with mild-steel on pulmonary, vascular and immune responses in rats.** (2014) Zeidler-Erdely PC, Meighan TG, Erdely A, Fedan JS, Thompson JA, Bilgesu S, Waugh S, Anderson S, Marshall NB, Afshari A, McKinney W, Frazer DG, Antonini JM. [Inhalation Toxicology 2014 Aug 20](#):1-11. [Epub ahead of print]

**Biomarkers of Central Nervous System Inflammation in Infantile and Juvenile Gangliosidoses.** (2014) Utz JR, Crutcher T, Schneider J, Sorgen P, Whitley CB. [Mol Genet Metab. 2014 Dec 6](#). pii: S1096-7192(14)00376-X. doi: 10.1016/j.ymgme.2014.11.015. [Epub ahead of print]

**Evidence for disturbed insulin and growth hormone signaling as potential risk factors in the development of schizophrenia.** (2014) van Beveren NJ, Schwarz E, Noll R, Guest PC, Meijer C, de Haan L, Bahn S. [Translational Psychiatry 2014 Aug 26](#):4:e430. doi: 10.1038/tp.2014.52.

**Assessment of serum biomarkers in rats after exposure to pesticides of different chemical classes.** (2014) Moser VC, Stewart N, Freeborn DL, Crooks J, MacMillan DK, Hedge JM, Wood CE, McMahan RL, Strynar MJ, Herr DW. [Toxicol Appl Pharmacol. 2014 Dec 9](#):282(2):161-174. doi: 10.1016/j.taap.2014.11.016. [Epub ahead of print]

**The Role of Clusterin in Amyloid-B-Associated Neurodegeneration** (2014) Desikan RS, Thompson WK, Holland D, Hess CP, Brewer JB, Zetterberg H, Blennow K, Andreassen OA, McEvoy LK, Hyman BT, Dale AM [JAMA Neurology](#)

**Combined Inflammatory and Metabolic Defects Reflected by Reduced Serum Protein Levels in Patients with Buruli Ulcer Disease** (2014) Phillips RO, Sarfo FS, Landier J, Oldenburg R, Frimpong M, Wansbrough-Jones M, Abass K, Thompson W, Forson M, Fontanet A, Niang F, Demangel C [PLoS Negl Trop Dis. 2014 Apr 10](#):8(4):e2786

## Bibliography

**Chronic vagal stimulation for the treatment of low ejection fraction heart failure: results of the neural cardiac therapy for heart failure (NECTAR-HF) randomized controlled trial.** (2014) Zannad F, De Ferrari GM, Tuinenburg AE, Wright D, Brugada J, Butter C, Klein H, Stolen C, Meyer S, Stein KM, Ramuzat A, Schubert B, Daum D, Neuzil P, Botman C, Caste MA, D'Onofrio A, Solomon SD1, Wold N, Ruble SB. [European Heart Journal 2014 Aug 31. pii: ehu345. \[Epub ahead of print\]](#)

**Obesity superimposed on aging magnifies inflammation and delays the resolving response following myocardial infarction.** (2014) Lopez EF, Kabarowski J, Ingle KA, Kain V, Barnes S, Crossman DK, Lindsey ML, Halade GV. [Am J Physiol Heart Circ Physiol. 2014 Dec 5;ajpheart.00604.2014. doi: 10.1152/ajpheart.00604.2014. \[Epub ahead of print\]](#)

**Diets High in Protein or Saturated Fat Do Not Affect Insulin Sensitivity or Plasma Concentrations of Lipids and Lipoproteins in Overweight and Obese Adults** (2014) Chiu S, Williams PT, Dawson T, Bergman RN, Stefanovski D, Watkins SM, Krauss RM [Journal of Nutrition September 3, 2014. doi: 10.3945/jn.114.197624](#)

**Citrus limonin glucoside supplementation decreased biomarkers of liver disease and inflammation in overweight human adults.** (2014) Kelley DS, Adkins YC, Zunino SJ, Woodhouse LR, Bonnel EL, Breksa III AP, Manners GD, Mackey BE [Journal of Functional Foods](#)

---

**Serum folate receptor alpha, mesothelin and megakaryocyte potentiating factor in ovarian cancer: association to disease stage and grade and comparison to CA125 and HE4** (2013) O'Shannessy DJ, Somers EB, Palmer LM, Thiel RP, Oberoi P, Heath R, Marcucci L [Journal of Ovarian Research 2013. 6:29](#)

**Targeting oxidized LDL improves insulin sensitivity and immune cell function in obese Rhesus macaques** (2013) Li S, Kievit P, Robertson A-K, Kolumam G, Li X, von Wachenfeldt K, Valfridsson C, Bullens S, Messaoudi I, Bader L, Cowan KJ, Kamath A, van Bruggen N, Bunting S, Freundl B, Grove KL [Molecular Metabolism. Available online 11 June 2013](#)

**Influence of Genetic Variation on Plasma Protein Levels in Older Adults Using a Multi-Analyte Panel** (2013) Kim S, Swaminathan S, Inlow M, Risacher SL, Nho K, Shen L, Foroud TM, Petersen RC, Aisen PS, Soares H, Toledo JB, Shaw LM, Trojanowski JQ, Weiner MW, McDonald BC, Farlow MR, Ghetti B, Saykin AJ; Alzheimer's Disease Neuroimaging Initiative (ADNI) [PLoS One. 2013 Jul 23;8\(7\):e70269](#)

**Cigarette smoke induces molecular responses in respiratory tissues of ApoE<sup>-/-</sup> mice that are progressively deactivated upon cessation** (2013) Bouc S, De Leñ H, Schlage WK, Peck MJ, Weiler H, Berges A, Vuillaume G, Martin F, Friedrichs B, Lebrun S, Meurrens K, Schracke N, Moehring M, Steffen Y, Schueller J, Vanscheeuwijck P, Peitsch MC, Hoeng J [Toxicology. Available online 1 October 2013](#)

**Multi-analyte profile analysis of plasma immune proteins: altered expression of peripheral immune factors is associated with neuropsychiatric symptom severity in adults with and without chronic hepatitis C virus infection** (2013) Huckans M, Fuller BE, Olavarria H, Sasaki AW, Chang M, Flora KD, Kolessar M, Kriz D, Anderson JR, Vandenbark AA, Loftis JM [Brain and Behavior](#)

**The Link Between C-Reactive Protein and Alzheimer's Disease Among Mexican Americans** (2013) O'Bryant SE, Johnson L, Edwards M, Soares H, Devous MD, Ross S, Rohlfing G, Hall J [J Alzheimers Dis. 2013;34\(3\):701-6](#)

**RANTES has a potential to play a neuroprotective role in an autocrine/paracrine manner after ischemic stroke** (2013) Tokamia H, Ago T, Sugimori H, Kuroda J, Awano H, Suzuki K, Kiyohara Y, Kamouchi M, Kitazono T [Brain Research. Available online 18 April 2013](#)

**A phase II clinical trial of the Vascular Disrupting Agent BNC105P as second line chemotherapy for advanced Malignant Pleural Mesothelioma** (2013) Nowak AK, Brown C, Millward MJ, Creaney J, Byrne MJ, Hughes B, Kremmidiotis G, Bibby DC, Leske

## Bibliography

AF, Mitchell PL, Pavlakis N, Boyer M, Stockler MR [Lung Cancer. 2013 Jun 17. pii: S0169-5002\(13\)00218-3](#)

**Impact of Sunitinib on Human Thyroid Cancer Cells** (2013) Grosse J, Warnke E, Pohl F, Magnusson NE, Wehland M, Infanger M, Eilles C, Grimm D [Cell Physiol Biochem. 2013 Jul 12;32\(1\):154-170](#)

**Circulating Porphyromonas gingivalis lipopolysaccharide resets cardiac homeostasis in mice through a matrix metalloproteinase-9-dependent mechanism** (2013) DeLeon-Pennell KY, de Castro Bras LE, Lindsey ML [Physiological Reports Volume 1, Issue 5, October 2013](#)

**Applicability of rat precision-cut lung slices in evaluating nanomaterial cytotoxicity, apoptosis, oxidative stress, and inflammation** (2013) Sauer UG, Vogel S, Aumann A, Hess A, Kolle SN, Ma-Hock L, Wohlleben W, Dammann M, Strauss V, Treumann S, Grafers S, Wiench K, van Ravenzwaay B, Landsiedel R [Toxicol Appl Pharmacol. 2013 Dec 29. pii: S0041-008X\(13\)00570-X](#)

**The Ultra-Potent and Selective TLR8 Agonist VTX-294 Activates Human Newborn and Adult Leukocytes** (2013) Dowling DJ, Tan Z, Prokopowicz ZM, Palmer CD, Matthews MA, Dietsch GN, Hershberg RM, Levy O [PLoS One. 2013;8\(3\):e58164](#)

**Application of meta-analysis methods for identifying proteomic expression level differences** (2013) Amess B, Kluge W, Schwarz E, Haenisch F, Alsaif M, Yolken RH, Leweke FM, Guest PC, Bahn S. [Proteomics. 2013 Apr 14.](#)

**Urinary cystatin C as a renal biomarker and its immunohistochemical localization in anti-GBM glomerulonephritis rats** (2013) Togashi Y, Imura N, Miyamoto Y [Exp Toxicol Pathol. 2013 Jun 20. pii: S0940-2993\(13\)00076-6](#)

**Global chemokine expression in systemic sclerosis (SSc): CCL19 expression correlates with vascular inflammation in SSc skin** (2013) Mathes AL, Christmann RB, Stifano G, Affandi AJ, Radstake TR, Farina GA, Padilla C, McLaughlin S, Lafyatis R [Ann Rheum Dis. 2013 Jul 19](#)

**Suppression of Inflammation with Conditional Deletion of the Prostaglandin E2 EP2 Receptor in Macrophages and Brain Microglia** (2013) Johansson JU, Pradhan S, Lokteva LA, Woodling NS, Ko N, Brown HD, Wang Q, Loh C, Cekanaviciute E, Buckwalter M, Manning-Bog AB, Andreasson KI [J Neurosci. 2013 Oct 2;33\(40\):16016-16032](#)

**The Proton-Activated Receptor GPR4 Modulates Glucose Homeostasis by Increasing Insulin Sensitivity** (2013) Giudici L, Velic A, Daryadel A, Bettoni C, Mohebbi N, Suply T, Seuwen K, Ludwig MG, Wagner CA [Cell Physiol Biochem. 2013 Nov 28;32\(5\):1403-1416](#)

**Placebo-Controlled Randomized Clinical Trial on the Immunomodulating Activities of Low- and High-Dose Bromelain after Oral Administration – New Evidence on the Antiinflammatory Mode of Action of Bromelain** (2013) Muller S, Marz R, Schmolz M, Drewelow B, Eschmann K, Meiser P [Phytotherapy Research](#)

**Monitoring biomarkers after pediatric heart surgery: a new paradigm on the horizon** (2013) Aqirbasli M, Undar A. [Artif Organs. 2013 Jan;37\(1\):10-5.](#)

**Multiplexed protein profiling after bariatric surgery: characterization of improved endothelial dysfunction** (2013) Bachmayer C, Hammes HP, Hasenberg T, Lammert A, Crowther D, Hess S [Experimental and Clinical Endocrinology & Diabetes](#)

**Production of LPS-induced inflammatory mediators in murine peritoneal macrophages: neocuproine as a broad inhibitor and ATP7A as a selective regulator** (2013) Patel OV, Wilson WB, Qin Z [BioMetals. April 2013.](#)

**LY2405319, an Engineered FGF21 Variant, Improves the Metabolic Status of Diabetic Monkeys** (2013) Adams AC, Halstead CA, Hansen BC, Irizarry AR, Martin JA, Meyers SR, Reynolds VL, Smith HW, Wroblewski VJ, Kharitonov A [PLoS ONE 8\(6\): e65763](#)

**Elevated Carbon Monoxide in the Exhaled Breath of Mice during a Systemic Bacterial Infection** (2013) Barbour AG, Hirsch CM, Ghalyanchi Langeroudi A, Meinardi S, Lewis ER, Estabragh AS, Blake DR [PLoS One. 2013 Jul 31;8\(7\):e69802](#)

## Bibliography

**The Innate Immune Response May Be Important For Surviving Plague In Wild Gunnison's Prairie Dogs** (2013) Busch JD, Van Andel R, Stone NE, Cobble KR, Nottingham R, Lee J, VerSteeg M, Corcoran J, Cordova J, Van Pelt W, Shuey MM, Foster JT, Schupp JM, Beckstrom-Sternberg S, Beckstrom-Sternberg J, Keim P, Smith S, Rodriguez-Ramos J, Williamson JL, Rocke TE, Wagner DM [Journal of Wildlife Diseases 2013 49:4. 920-931](#)

**Development of a small animal peripheral challenge model of Japanese encephalitis virus using interferon deficient AG129 mice and the SA14-14-2 vaccine virus strain** (2013) Calvert AE, Dixon KL, Delorey MJ, Blair CD, Roehrig JT [Vaccine. 2013 Nov 17. pii: S0264-410X\(13\)01533-8](#)

**Distinct Roles For Hecpudin and Interleukin 6 In The Recovery From Anemia Following Administration Of Heat-Killed Brucella Abortus** (2013) Gardenghi S, Renaud TM, Meloni A, Casu C, Crielaard BJ, Bystrom LM, Greenberg-Kushnir N, Sasu BJ, Cooke KS, Rivella S [Blood. 2013 Dec 19. \[Epub ahead of print\]](#)

**Pilot Study of Younger and Older Hiv-Infected Adults Using Traditional and Novel Functional Assessments** (2013) Sandkovsky U, Robertson KR, Meza JL, High RR, Bonasera SJ, Fisher CM, Marsh AJ, Sheehy MK, Fox HS, Swindells S [HIV Clinical Trials](#)

**Biomarkers of Alzheimer's Disease Among Mexican Americans** (2013) O'Bryant SE, Xiao G, Edwards M, Devous M, Gupta VB, Martins R, Zhang F, Barber R [J Alzheimers Dis. 2013 Jan 11. \[Epub ahead of print\]](#)

**Galectin-3 functions as an alarmin: pathogenic role for sepsis development in murine respiratory tularemia** (2013) Mishra BB, Li Q, Steichen AL, Binstock BJ, Metzger DW, Teale JM, Sharma J [PLoS One. 2013;8\(3\):e59616](#)

**Quantitative assessment of biological impact using transcriptomic data and mechanistic network models** (2013) Thomson TM, Sewer A, Martin F, Belcastro V, Frushour B, Gebel S, Park J, Schlage WK, Talikka M, Vasilyev D, Westra JW, Hoeng J, Peitsch MC [Toxicol Appl Pharmacol. 2013 Aug 7. pii: S0041-008X\(13\)00310-4](#)

**Maternal hematopoietic TNF, via milk chemokines, programs hippocampal development and memory** (2013) Liu B, Zupan B, Laird E, Klein S, Gleason G, Bozinoski M, Gal Toth J, Toth M [Nat Neurosci. 2013 Dec 1](#)

**C-Type Lectin Receptor Clec4d Plays a Protective Role in Resolution of Gram-Negative Pneumonia** (2013) Steichen AL, Binstock BJ, Mishra BB, Sharma J [Journal of Leukocyte Biology](#)

**Sweet Bing Cherries Lower Circulating Concentrations of Markers for Chronic Inflammatory Diseases in Healthy Humans** (2013) Kelley DS, Adkins Y, Reddy A, Woodhouse LR, Mackey BE, Erickson KL [J Nutr. 2013 Jan 23. \[Epub ahead of print\]](#)

**The effects of stress on hypothalamic-pituitary-adrenal (HPA) axis function in subjects with schizophrenia** (2013) Guest FL, Martins-de-Souza D, Rahmoune H, Bahn S, Guest PC [Rev Psiq Ci n. 2013;40\(1\):20-7](#)

**A blood-based predictor for neocortical A  burden in Alzheimer's disease: results from the AIBL study** (2013) Burnham SC, Faux NG, Wilson W, Laws SM, Ames D, Bedo J, Bush AI, Doecke JD, Ellis KA, Head R, Jones G, Kiiveri H, Martins RN, Rembach A, Rowe CC, Salvado O, Macaulay SL, Masters CL, Villemagne VL; Alzheimer's Disease Neuroimaging Initiative; Australian Imaging, Biomarkers and Lifestyle Study Research Group [Mol Psychiatry. 2013 Apr 30](#)

**Case study: the role of mechanistic network models in systems toxicology** (2013) Hoeng J, Talikka M, Martin F, Sewer A, Yang X, Iskandar A, Schlage WK, Peitsch MC [Drug Discovery Today. Available online 9 August 2013](#)

**Allogeneic mesenchymal stem cell infusion for the stabilization of focal segmental glomerulosclerosis** (2013) Belingheri M, Lazzari L, Parazzi V, Groppali E, Biagi E, Gaipa G, Giordano R, Rastaldi MP, Croci D, Biondi A, Rebulli P, Edefonti A, Ghio L [Biologicals. 2013 Oct 14. pii: S1045-1056\(13\)00111-5. doi: 10.1016/j.biologicals.2013.09.004](#)

**Transient inflammatory-like state and microbial dysbiosis are pivotal in establishment of mucosal homeostasis during**

## Bibliography

**colonisation of germ-free mice** (2013) Aidy SE, Derrien M, Aardema R, Hooiveld G, Richards SE, Dane A, Dekker J, Vreeken R, Levenez F, DorÃ© J, Zoetendal EG, van Baarlen P, Kleerebezem M [Benef Microbes. 2013 Dec 9:1-11.](#)

**Update on the Safety and Efficacy of the Pan Class I PI3k Inhibitor Sar245408 (XI147) in Chronic Lymphocytic Leukemia and Non-Hodgkinâ€™s Lymphoma Patients** (2013) Davids MS, Rodon J, Abrisqueta P, Egile C, Ruiz-Soto R, Awan F [Blood](#)

**Distinct Molecular Phenotypes in Male and Female Schizophrenia Patients** (2013) Ramsey JM, Schwarz E, Guest PC, Van Beveren NJM, Leweke FM, Rothermundt M, Bogerts B, Steiner J, Bahn S [PLoS ONE](#)

**-Europe Workshop Report: Opportunities and Challenges in Developing Clinical Trials for Spinal Muscular Atrophy in Europe** (2013) Kayadjanian N, Burghes A, Finkel RS, Mercuri E, Rouault F, Schwersenz I, Talbot Ka [Orphanet Journal of Rare Diseases](#)

**Can changes in angiogenic biomarkers between the first and second trimesters of pregnancy predict development of pre-eclampsia in a low-risk nulliparous patient population?** (2013) Myatt L, Clifton R, Roberts J, Spong C, Wapner R, Thorp J Jr, Mercer B, Peaceman A, Ramin S, Carpenter M, Sciscione A, Tolosa J, Saade G, Sorokin Y, Anderson G; for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network [BJOG. 2013 Jan 18](#)

**Human and mouse neuroinflammation markers in Niemann-Pick disease, type C1** (2013) Cologna SM, Cluzeau CV, Yanjanin NM, Blank PS, Dail MK, Siebel S, Toth CL, Wassif CA, Lieberman AP, Porter FD. [J Inherit Metab Dis. 2013 May 8.](#)

**Systemic sRAGE is a Biomarker of Emphysema and Associated with AGER Genetic Variants in COPD Patients** (2013) Cheng DT, Kim DK, Cockayne DA, Belousov A, Bitter H, Cho, MH, Duvoix A, Edwards LD, Lomas DA, Miller BE, Reynaert N, Tal-Singer R, Wouters E, Agusti A, Fabbri LM, Rames A, Visvanathan S, Rennard SI, Jones P, Parmar H, MacNee W, Wolff G, Silverman EK, Mayer RJ, Pillai SG, and on Behalf of the TESRA and ECLIPSE Investigators [American Journal of Respiratory And Critical Care Medicine ja \(2013\)](#)

**Integrative Omics Approach Identifies Interleukin-16 as a Biomarker of Emphysema** (2013) Bowler RP, Bahr TM, Hughes G, Lutz S, Kim YI, Coldren CD, Reisdorph N, Kechris KJ [OMICS. 2013 Oct 19. \[Epub ahead of print\]](#)

**Cytokine Profile Changes In 309 Myelofibrosis Patients: Comparison Of JAK1/JAK2 Inhibitor Therapy Vs. Placebo â€” Correlative Analysis From The Comfort-I Trial** (2013) Dueck AC, Cleeland CS, Dantzer R, Sloan J, Verstovsek S, Emanuel RM, Geyer HL, Mesa RA [Blood October 21, 2013 vol. 122 no. 21 4074](#)

**The effects of vitamin A on cells of innate immunity in vitro** (2013) Wojtal K, Wolfram L, Frey-Wagner I, Lang S, Scharl M, Vavricka SR, Rogler G [Toxicology in Vitro.](#)

**CXCL10 antagonism and plasma sDPPIV correlate with increasing liver disease in chronic HCV genotype 4 infected patients** (2013) Ragab D, Laird M, Duffy D, Casrouge A, Mamdouh R, Abass A, Shenawy DE, Shebl AM, Elkashef WF, Zalata KR, Kamal M, Esmat G, Bonnard P, Fontanet A, Rafik M, Albert ML [Cytokine. 2013 May 7. pii: S1043-4666\(13\)00181-6](#)

**IL-6 pathway-driven investigation of response to IL-6 receptor inhibition in rheumatoid arthritis** (2013) Wang J, Platt A, Upmanyu R, Germer S, Lei G, Rabe C, Benayed R, Kenwright A, Hemmings A, Martin M, Harari O [BMJ Open. 2013 Aug 19:3\(8\):e003199](#)

**Prognostic/predictive value of 207 serum factors in colorectal cancer treated with cediranib and/or chemotherapy** (2013) Spencer SK, Pommier AJ, Morgan SR, Barry ST, Robertson JD, Hoff PM, JÃ¼rgensmeier JM [Br J Cancer. 2013 Oct 22](#)

**Seasonal H3N2 influenza A virus fails to enhance Staphylococcus aureus co-infection in a non-human primate respiratory tract infection model** (2013) Kobayashi SD, Olsen RJ, Lacasse RA, Saffronetz D, Ashraf M, Porter AR, Braughton KR, Feldmann F, Clifton DR, Kash JC, Bailey JR, Gardner DJ, Otto M, Brining DL, Kreiswirth BN, Taubenberger JK, Parnell MJ, Feldmann H, Musser JM, Deleo FR [Virulence. 2013 Oct 8:4\(8\). \[Epub ahead of print\]](#)

**Low Plasma Leptin in Cognitively Impaired ADNI Subjects: Gender Differences and Diagnostic and Therapeutic Potential**



## Bibliography

(2013) Johnston J, Hu W, Fardo D, Greco S, Perry G, Montine T, Trojanowski J, Shaw L, Ashford J, Tezapsidis N, For The Alzheimer's Disease Neuroimaging Initiative [Curr Alzheimer Res. 2013 Dec 11. \[Epub ahead of print\]](#)

**Identification of Subgroups of Schizophrenia Patients with Changes in Either Immune or Growth Factor and Hormonal Pathways** (2013) Schwarz E, Van Beveren NJM, Ramsey J, Leweke FM, Rothermundt M, Bogerts B, Steiner J, Guest PC, Bahn S [Schizophrenia Bulletin](#)

**SMA-MAP: A Plasma Protein Panel for Spinal Muscular Atrophy** (2013) Kobayashi DT, Shi J, Stephen L, Ballard KL, Dewey R, Mapes J, Chung B, McCarthy K, Swoboda KJ, Crawford TO, Li R, Plasterer T, Joyce C; Biomarkers for Spinal Muscular Atrophy Study Group, Chung WK, Kaufmann P, Darras BT, Finkel RS, Sproule DM, Martens WB, McDermott MP, De Vivo DC; Pediatric Neuromuscular Clinical Research Network, Walker MG, Chen KS [PLoS ONE 8\(4\): e60113.](#)

**EFFECTS OF CONTRAST MEDIA ON DIFFERENT URINARY BIOMARKERS OF KIDNEY INJURY** (2013) Steffgen J, Blaschke S, Brun-Schulte-Wissing N, Pagel P, Huber F, Mapes J, Jaehnige A, Pestel S [Nephrol. Dial. Transplant. \(2013\) 28 \(suppl 1\): i331-i351.](#)

**Intracellular Aggregation of Multimodal Silica Nanoparticles for** (2013) Jokerst JV, Khademi C, Gambhir SS [Sci Transl Med. 2013 Mar 20;5\(177\):177ra35](#)

**CSF protein biomarkers predicting longitudinal reduction of CSF A $\beta$ -amyloid42 in cognitively healthy elders** (2013) Mattsson N, Insel P, Nosheny R, Zetterberg H, Trojanowski JQ, Shaw LM, Tosun D, Weiner M [Transl Psychiatry. 2013 Aug 20;3:e293](#)

**The ABCs of viral hepatitis that define biomarker signatures of acute viral hepatitis** (2013) Duffy D, Saleh R, Laird M, Sonesson C, Fouler LL, El-Daly M, Casrouge A, Decalf J, Abbas A, Eldin NS, Fontes M, Hamid MA, Mohamed MK, Rafik M, Fontanet, Albert, M. L. [Hepatology](#)

**First-in-Human Phase I Study of PRS-050 (Angiocal), an Anticalin Targeting and Antagonizing VEGF-A, in Patients with Advanced Solid Tumors** (2013) Mross K, Richly H, Fischer R, Scharr D, B $\ddot{u}$ chert M, Stern A, Gille H, Audoly LP, Scheulen ME [PLoS One. 2013 Dec 13;8\(12\):e83232](#)

**Mesenteric Ischemia-Reperfusion Injury up-Regulates Certain Cc, Cxc, and Xc Chemokines and Results in Multi-Organ Injury in a Time-Dependent Manner** (2013) Jawa RS, Quist E, Boyer CW, Shostrom VK, Mercer DW [European Cytokine Network](#)

**Susceptibility of adult and senescent Brown Norway rats to repeated ozone exposure: an assessment of behavior, serum biochemistry and cardiopulmonary function** (2013) Gordon CJ, Jarema KA, Lehmann JR, Ledbetter AD, Schladweiler MC, Schmid JE, Ward WO, Kodavanti UP, Nyska A, Macphail RC. [Inhal Toxicol. 2013 Feb;25\(3\):141-59.](#)

**Modulation of cardiometabolic pathways in skin and serum from patients with psoriasis** (2013) Mehta NN, Li K, Szapary P, Krueger J, Brodmerkel C [J Transl Med. 2013 Aug 22;11\(1\):194.](#)

**Carbon nanotube dosimetry: from workplace exposure assessment to inhalation toxicology** (2013) Erdely A, Dahm M, Chen BT, Zeidler-Erdely PC, Fernback JE, Birch ME, Evans DE, Kashon ML, Deddens JA, Hulderman T, Bilgesu SA, Battelli L, Schwegler-Berry D, Leonard HD, McKinney W, Frazer DG, Antonini JM, Porter DW, Castranova V, Schubauer-Berigan MK [Part Fibre Toxicol. 2013 Oct 21;10\(1\):53](#)

**Short sleep duration is associated with decreased serum leptin, increased energy intake, and decreased diet quality in postmenopausal women** (2013) Stern JH, Grant AS, Thomson CA, Tinker L, Hale L, Brennan KM, Woods NF, Chen Z [Obesity \(Silver Spring\). 2013 Dec 17](#)

**Reduced Bdnf Attenuates Inflammation and Angiogenesis to Improve Survival and Cardiac Function Following Myocardial Infarction in Mice** (2013) Halade GV, Ma Y, Ramirez TA, Zhang J, Dai Q, Hensler JG, Lopez EF, Ghasemi O, Jin Y-F, Lindsey ML [American Journal of Physiology - Heart and Circulatory Physiology](#)

## Bibliography

**Leucine-Rich Repeat Kinase 2 (Lrrk2)-Deficient Rats Exhibit Renal Tubule Injury and Perturbations in Metabolic and Immunological Homeostasis** (2013) Ness D, Ren Z, Gardai S, Sharpnack D, Johnson VJ, Brennan RJ, Brigham EF, Olaharski AJ [PLoS ONE](#)

**Assessment of Inhibin B as a Biomarker of Testicular Injury Following Administration of Carbendazim, Cetrorelix, or 1,2-Dibromo-3-Chloropropane in Wistar Han Rats** (2013) Moffit JS, Her LS, Mineo AM, Knight BL, Phillips JA, Thibodeau MS [Birth Defects Research Part B Developmental and Reproductive Toxicology](#)

**Cytokines Associated with Increased Erythropoiesis in Sprague-Dawley Rats Administered a Novel Hyperglycosylated Analog of Recombinant Human Erythropoietin** (2013) Andrews DA, Hamadeh HK, He YD, Boren BM, Turk JR, Boyce RW, Mytych DT, Barger TE, Salimi-Moosavi H, Sloey B, Elliott S, McElroy P, Sinclair AM, Shimamoto G, Pyrah IT, Lightfoot-Dunn RM [Toxicol Pathol.](#) 2013 May 14. [Epub ahead of print]

**Increased accumulation of regulatory granulocytic myeloid cells in mannose receptor C type 1-deficient mice correlates with protection in a mouse model of neurocysticercosis** (2013) Mishra PK, Morris EG, Garcia JA, Cardona AE, Teale JM [Infect Immun.](#) 2013 Apr;81(4):1052-63

**Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain** (2013) Schwarz E, Steiner J, Guest PC, Bogerts B, Bahn S [World J Biol Psychiatry.](#) 2013 Sep 3. [Epub ahead of print]

**Identification of a molecular profile associated with immune status in first onset schizophrenia patients** (2013) Herberth M, Rahmoune H, Schwarz E, Koethe D, Harris LW, Kranaster L, Witt SH, Spain M, Barnes A, Schmolz M, Leweke MF, Guest PC, Bahn S [Clin Schizophr Relat Psychoses](#)

**Protective role of Mincle in bacterial pneumonia by regulation of neutrophil mediated phagocytosis and extracellular trap formation** (2013) Sharma A, Steichen AL, Jondle CN, Mishra BB, Sharma J [J Infect Dis.](#) 2013 Dec 17. [Epub ahead of print]

**Biomarkers of Vascular Risk, Systemic Inflammation, and Microvascular Pathology and Neuropsychiatric Symptoms in Alzheimer's Disease.** (2013) Hall JR, Wiechmann AR, Johnson LA, Edwards M, Barber RC, Winter AS, Singh M, O'Bryant SE. [Journal of Alzheimer's Disease](#)

**Newborn screening for autism: in search of candidate biomarkers** (2013) Mizejewski GJ, Lindau-Shepard B, Pass KA [Biomark Med.](#) 2013 Apr;7(2):247-60

**Dose-related Differences in the Pharmacodynamic and Toxicologic Response to a Novel Hyperglycosylated Analog of Recombinant Human Erythropoietin in Sprague-Dawley Rats with Similarly High Hematocrit** (2013) Andrews DA, Boren BM, Turk JR, Boyce RW, He YD, Hamadeh HK, Mytych DT, Barger TE, Salimi-Moosavi H, Sloey B, Elliott S, McElroy P, Sinclair AM, Shimamoto G, Pyrah IT, Lightfoot-Dunn RM [Toxicol Pathol.](#) 2013 May 14. [Epub ahead of print]

**Preclinical Characterization of GLPG0634, a Selective Inhibitor of JAK1, for the Treatment of Inflammatory Diseases** (2013) Van Rompaey L, Galien R, van der Aar EM, Clement-Lacroix P, Nelles L, Smets B, Lapescheux L, Christophe T, Conrath K, Vandeghinste N, Vayssiere B, De Vos S, Fletcher S, Brys R, van 't Klooster G, Feyen JH, Menet C [J Immunol.](#) 2013 Sep 4. [Epub ahead of print]

**Impaired glycemia increases disease progression in mild cognitive impairment** (2013) Morris JK, Vidoni ED, Honea RA, Burns JM [Neurobiology of Aging.](#) Available online 23 October 2013

**Suppression of soluble T cell-associated proteins by an anti-interferon- $\alpha$  monoclonal antibody in adult patients with dermatomyositis or polymyositis** (2013) Guo X, Higgs BW, Rebelatto M, Zhu W, Greth W, Yao Y, Roskos LK, White WI [Rheumatology \(Oxford\).](#) 2013 Dec 19

**Ascending Dose-Controlled Trial of Beloranib, a Novel Obesity Treatment for Safety, Tolerability, and Weight Loss in Obese Women** (2013) Hughes TE, Kim DD, Marjason J, Proietto J, Whitehead JP, Vath JE [Obesity](#)

## Bibliography

**Relationship between Plasma Analytes and SPARE-AD Defined Brain Atrophy Patterns in ADNI** (2013) Toledo JB, Da X, Bhatt P, Wolk DA, Arnold SE, Shaw LM, Trojanowski JQ, Davatzikos C [PLoS One. 2013;8\(2\):e55531](#)

**Chikungunya Virus-associated Long-term Arthralgia: A 36-month Prospective Longitudinal Study** (2013) Schilte C, Staikovsky F, Couderc T, Madec Y, Carpentier F, Kassab S, Albert ML, Lecuit M, Michault A [PLoS Negl Trop Dis. 2013 Mar;7\(3\):e2137](#)

**CD47 fusion protein targets CD172a+ cells in Crohn's disease and dampens the production of IL-1 $\beta$  and TNF** (2013) Baba N, Van VQ, Wakahara K, Rubio M, Fortin G, Panzini B, Soucy G, Wassef R, Richard C, Tamaz R, Lahaie R, Bernard EJ, Caussignac Y, Leduc R, Loughnarath R, Bergeron C, Racicot MA, Bergeron F, Panzini MA, Demetter P, Franchimont D, SchÄ¶kel K, Weckbecker G, Kolbinger F, Heusser C, Huber T, Welzenbach K, Sarfati M [J Exp Med. 2013 May 13. \[Epub ahead of print\]](#)

**Interleukin 17F Level and Interferon Beta Response in Patients With Multiple Sclerosis** (2013) Hartung HP, Steinman L, Goodin DS, Comi G, Cook S, Filippi M, O'Connor P, Jeffery DR, Kappos L, Axtell R, Knappertz V, Bogumil T, Schwenke S, Croze E, Sandbrink R, Pohl C [JAMA Neurol. 2013 Aug 1;70\(8\):1017-21](#)

**REG3-gamma-deficient mice have altered mucus distribution and increased mucosal inflammatory responses to the microbiota and enteric pathogens in the ileum** (2013) Loonen LM, Stolte EH, Jaklofsky MT, Meijerink M, Dekker J, van Baarlen P, Wells JM [Mucosal Immunol. 2013 Dec 18](#)

**Inflammatory Mediator Profiling Reveals Immune Properties of Chemotactic Gradients and Macrophage Mediator Production Inhibition During Thioglycollate Elicited Peritoneal Inflammation** (2013) Lam D, Harris D, Qin Z [Mediators of Inflammation](#)

**Analysis of a Urinary Biomarker Panel for Incident Kidney Disease and Clinical Outcomes** (2013) O'Keefe CM, Hwang S-J, Larson MG, Meigs JB, Vasan RS, Fox CS [Journal of the American Society of Nephrology](#)

**Plasma apolipoprotein A1 as a biomarker for parkinson's disease** (2013) Qiang JK, Wong YC, Siderowf A, Hurtig HI, Xie SX, Lee VM, Trojanowski JQ, Yearout D, Leverenz J, Montine TJ, Stern M, Mendick S, Jennings D, Zabetian C, Marek K, Chen-Plotkin AS [Ann Neurol. 2013 Feb 27](#)

**Clinical and Biochemical Differences in Patients Having Parkinson Disease With vs Without GBA Mutations** (2013) Chahine LM, Qiang J, Ashbridge E, Minger J, Yearout D, Horn S, Colcher A, Hurtig HI, Lee V M-Y, Van Deerlin VM, Leverenz JB, Siderowf AD, Trojanowski JQ, Zabetian CP, Chen-Plotkin A [JAMA Neurol. 2013;\(\):1-7](#)

**A Multicenter Phase II Study of Single-agent Enzastaurin in Previously Treated Multiple Myeloma** (2013) Jourdan E, Leblond V, Maisonneuve H, Benhadji KA, Hossain AM, Nguyen TS, Wooldridge JE, Moreau P [Leuk Lymphoma. 2013 Nov 3. \[Epub ahead of print\]](#)

**The Senescence-Associated Secretory Phenotype In Multiple Myeloma** (2013) Wildes TM, Paasch J, Fiala MA, Chen L, Vij R, Stockerl-Goldstein KE, Stewart S, Colditz GA, Tomasson M [Blood October 21, 2013 vol. 122 no. 21 5357](#)

**Impact of Rheumatoid Arthritis Disease Activity Test on Clinical Practice** (2013) Peabody JW, Strand V, Shimkhada R, Lee R, Chernoff D [PLoS ONE](#)

**Clinical significance of plasma VEGF value in ischemic stroke - research for biomarkers in ischemic stroke (REBIOS) study** (2013) Matsuo R, Ago T, Kamouchi M, Kuroda J, Kuwashiro T, Hata J, Sugimori H, Fukuda K, Gotoh S, Makihara N, Fukuhara M, Awano H, Isomura T, Suzuki K, Yasaka M, Okada Y, Kiyohara Y, Kitazono T [BMC Neurol. 2013 Apr 8;13\(1\):32](#)

**Diabetic db/db mice exhibit central nervous system and peripheral molecular alterations as seen in neurological disorders** (2013) Ernst A, Sharma AN, Elased KM, Guest PC, Rahmoune H, Bahn S [Transl Psychiatry. 2013 May 28;3:e263](#)

**The role of LOX and LOXL2 in scar formation after glaucoma surgery** (2013) Van Bergen T, Marshall D, Van de Veire S, Vandewalle E, Moons L, Herman J, Smith V, Stalmans I [Invest Ophthalmol Vis Sci. 2013 Jul 2. pii: iovs.13-11696v1](#)

## Bibliography

**Does ethnicity moderate dementia's biomarkers** (2013) Royall DR, Palmer RF; Texas Alzheimer's Research and Care Consortium [Neurobiol Aging. 2013 Sep 18. pii: S0197-4580\(13\)00340-0](#)

**Biomarker identification in serum samples from patients with recurrent cervical cancer treated with ADXS11-001 immunotherapy** (2013) Molli P, Malinina I, Wallecha A [Journal for ImmunoTherapy of Cancer 2013, 1\(Suppl 1\):P61](#)

**Multiplex immunoassay analysis of plasma shows prominent upregulation of growth factor activity pathways linked to GSK3 $\beta$  signaling in bipolar patients** (2013) Haenisch F, Alsaif M, Guest PC, Rahmoune H, Dickerson F, Yolken R, Bahn S [Journal of Affective Disorders](#)

**Comparative inhalation toxicity of multi-wall carbon nanotubes, graphene, graphite nanoplatelets and low surface car** (2013) Ma-Hock L, Strauss V, Treumann S, K $\ddot{u}$ ttler K, Wohleben W, Hofmann T, Gr $\ddot{a}$ tters S, Wiench K, van Ravenzwaay B, Landsiedel R [Part Fibre Toxicol. 2013 Jun 17:10\(1\):23](#)

**Rg7212 Anti-Tweak Mab Inhibits Tumor Growth through Inhibition of Tumor Cell Proliferation and Survival Signaling and by Enhancing the Host Antitumor Immune Response** (2013) Yin X, Luistro L, Zhong H, Smith M, Nevins T, Schostack K, Hilton H, Lin T-A, Truitt T, Biondi D, Wang X, Packman K, Rosinski J, Berkofsky-Fessler W, Tang J-P, Pant S, Geho D, Vega-Harring S, Demario M, Levitsky H, Simcox M [American Association for Cancer Research](#)

**Development of a Multi-Biomarker Disease Activity Test for Rheumatoid Arthritis** (2013) Centola M, Cavet G, Shen Y, Ramanujan S, Knowlton N, Swan KA, Turner M, Sutton C, Smith DR, Haney DJ, Chernoff D, Hesterberg LK, Carulli JP, Taylor PC, Shadick NA, Weinblatt ME, Curtis JR [PLoS ONE](#)

**A multi-biomarker score measures rheumatoid arthritis disease activity in the BeSt study** (2013) Hirata S, Dirven L, Shen Y, Centola M, Cavet G, Lems WF, Tanaka Y, Huizinga WJ and Allaart CF [Rheumatology](#)

**Evaluation of Serum Biomarkers Associated with Radiographic Progression in Methotrexate-naive Rheumatoid Arthritis Patients Treated with Methotrexate or Golimumab** (2013) Wagner C, Chen D, Fan H, Hsia EC, Mack M, Emery P, Fleischmann RM [J Rheumatol. 2013 Mar 1. \[Epub ahead of print\]](#)

**Heart-type fatty acid binding protein and vascular endothelial growth factor: cerebrospinal fluid biomarker candidates for Alzheimer's disease** (2013) Guo L, Alexopoulos P, Pernecky R [European Archives of Psychiatry and Clinical Neuroscience](#)

**Multi-analyte profiling and pathway analysis of plasma for proteins associated with cancer-related fatigue syndrome in disease-free breast cancer patients after primary treatment** (2013) Minton O, Coulton GR, Stone P [BMJ Support Palliat Care doi:10.1136/bmjspcare-2013-000452](#)

**Autoantibodies to Variable Heavy (VH) Chain Ig Sequences in Humans Impact the Safety and Clinical Pharmacology of a VH Domain Antibody Antagonist of TNF- $\alpha$  Receptor 1** (2013) Holland MC, Wurthner JU, Morley PJ, Birchler MA, Lambert J, Albayaty M, Serone AP, Wilson R, Chen Y, Forrest RM, Cordy JC, Lipson DA, Bayliffe AI [Journal of Clinical Immunology, July 2013](#)

**Effects of cerebrospinal fluid proteins on brain atrophy rates in cognitively healthy older adults** (2013) Mattsson N, Insel P, Nosheny R, Trojanowski JQ, Shaw LM, Jack Jr. CR, Tosun D, Weiner M, Alzheimer's Disease Neuroimaging Initiative [Neurobiology of Aging. Available online 1 October 2013](#)

**Differential gene expression profile and altered cytokine secretion of thyroid cancer cells in space** (2013) Ma X, Pietsch J, Wehland M, Schulz H, Saar K, H $\ddot{a}$ ubner N, Bauer J, Braun M, Schwarzw $\ddot{a}$ lder A, Segerer J, Birlem M, Horn A, Hemmersbach R, Wa $\ddot{y}$ er K, Grosse J, Infanger M, Grimm D [FASEB J. 2013 Nov 6. \[Epub ahead of print\]](#)

**A Canonical Transforming Growth Factor Beta-Dependent Signaling Pathway is Present in Peripheral Blood Cells of Cancer Patients with Skeletal Metastasis** (2013) Kadam S, Cleverly AL, Farmen M, Grondin J, Cox YI, Lahn M [J Mol Biomark Diagn 2013, 4:3](#)

## Bibliography

---

**Metabolic, hormonal and stress-related molecular changes in post-mortem pituitary glands from schizophrenia subjects** (2012) Krishnamurthy D, Harris LW, Levin Y, Koutroukides TA, Rahmoune H, Pietsch S, Vanattou-Saifoudine N, Leweke FM, Guest PC, Bahn S [World J Biol Psychiatry. 2012 Jan 17. \[Epub ahead of print\]](#)

**A double-blind, placebo-controlled trial of ruxolitinib for myelofibrosis** (2012) Verstovsek S, Mesa RA, Gotlib J, Levy RS, Gupta V, DiPersio JF, Catalano JV, Deininger M, Miller C, Silver RT, Talpaz M, Winton EF, Harvey JH Jr, Arcasoy MO, Hexner E, Lyons RM, Paquette R, Raza A, Vaddi K, Erickson-Viitanen S, Koumenis IL, Sun W, Sandor V, Kantarjian HM [N Engl J Med. 2012 Mar;366\(9\):799-807](#)

**First-Trimester Prediction of Preeclampsia in Nulliparous Women at Low Risk** (2012) Myatt L, Clifton RG, Roberts JM, Spong CY, Hauth JC, Varner MW, Thorp JM Jr, Mercer BM, Peaceman AM, Ramin SM, Carpenter MW, Iams JD, Sciscione A, Harper M, Tolosa JE, Saade G, Sorokin Y, Anderson GD [Obstet Gynecol. 2012 Jun;119\(6\):1234-1242](#)

**Proteomic analysis of the maternal protein restriction rat model for schizophrenia: Identification of translational changes in hormonal signalling pathways and glutamate neurotransmission** (2012) Guest PC, Urday S, Ma D, Stelzhammer V, Harris LW, Amess B, Pietsch S, Oheim C, Ozanne SE, Bahn S [Proteomics. 2012 Oct 16](#)

**Differences in the Association of Peripheral Insulin and Cognitive Function in Non-Diabetic Alzheimer's Disease Cases and Normal Controls** (2012) Pavlik V, Massman P, Barber R, Doody R [J Alzheimers Dis. 2012 Dec 14. \[Epub ahead of print\]](#)

**Characterization of a multiplex, 12-biomarker test for rheumatoid arthritis** (2012) Eastman P.S, Manning WC, Qureshi F, Haney D, Cavet G, Alexander C, Hesterberg LK [Pharm Biomed Anal.](#)

**Performance of a multi-biomarker score measuring rheumatoid arthritis disease activity in the CAMERA tight control study** (2012) Bakker MF, Cavet G, Jacobs J, Bijlsma J, Haney DJ, Shen Y, Hesterberg LK, Smith D, Centola M, van Roon J, Lafeber F, Welsing P [Ann Rheum Dis.](#)

**Preferential Replication of Systemically Delivered Oncolytic Vaccinia Virus in Focally Irradiated Glioma Xenografts** (2012) Advani SJ, Buckel L, Chen NG, Scanderbeg DJ, Geissinger U, Zhang Q, Yu YA, Aguilar RJ, Mundt A, Szalay AA [Clin Cancer Res. 2012 Feb 29. \[Epub ahead of print\]](#)

**Consumption of a High Monounsaturated-Fat Diet Reduces Oxidative Phosphorylation Gene Expression in Peripheral Blood Mononuclear Cells of Abdominally Overweight Men and Women** (2012) van Dijk SJ, Feskens EJ, Bos MB, de Groot LC, de Vries JH, MÅ¼ller M, Afman LA [J Nutr. 2012 May 23. \[Epub ahead of print\]](#)

**Expanding the Psoriasis Disease Profile: Interrogation of the Skin and Serum of Patients with Moderate-to-Severe Psoriasis** (2012) SuÃ±rez-FariÃ±as M, Li K, Fuentes-Duculan J, Hayden K, Brodmerkel C, Krueger JG [J Invest Dermatol. 2012 Jul 5](#)

**Effects of Stimulation of Soluble Guanylate Cyclase on Diabetic Nephropathy in Diabetic eNOS Knockout Mice on Top of Angiotensin II Receptor Blockade** (2012) Ott IM, Alter ML, von Websky K, Kretschmer A, Tsuprykov O, Sharkovska Y, Krause-Relle K, Raila J, Henze A, Stasch JP, Hocher B [PLoS One. 2012;7\(8\):e42623. Epub 2012 Aug 10](#)

**Identification of factors associated with cancer related fatigue syndrome in disease-free breast cancer patients after completing primary treatment** (2012) Minton O, Alexander S, Stone PC [Breast Cancer Res Treat. 2012 Oct 14. \[Epub ahead of print\]](#)

**Characterization of immunologically active drugs in a novel organotypic co-culture model of the human gut and whole blood** (2012) Schmohl M, Schneiderhan-Marra N, Baur N, Hefner K, Blum M, Stein GM, Joos TO, Schmolz M [Int Immunopharmacol. 2012 Dec;14\(4\):722-8](#)



## Bibliography

- Molecular Validation of the Acute Phencyclidine Rat Model for Schizophrenia: Identification of Translational Changes in Energy Metabolism and Neurotransmission\*** *Journal of Proteome Research* (2012) Ernst A, Ma D, Garcia-Perez I, Tsang TM, Kluge W, Schwarz E, Guest PC, Holmes E, Sarnyai Z, Bahn S [Journal of Proteome Research](#)
- Pre-analytical effects of blood sampling and handling in quantitative immunoassays for rheumatoid arthritis** (2012) Zhao X, Qureshi F, Eastman P.S, Manning WC, Alexander C, Robinson WH, Hesterberg LK [J Immunol Methods](#)
- Evaluation of multiple variate selection methods from a biological perspective: a nutrigenomics case study** (2012) Tapp HS, Radonjic M, Kate Kemsley E, Thissen U [Genes Nutr. 2012 Mar 2. \[Epub ahead of print\]](#)
- Analysis of serum and plasma identifies differences in molecular coverage, measurement variability and candidate biomarker selection** (2012) Alsaif M, Guest PC, Schwarz E, Reif A, Kittel-Schneider S, Spain M, Rahmoune H, Bahn S [Proteomics Clin Appl. 2012 May 29](#)
- A novel highly potent therapeutic antibody neutralizes multiple human chemokines and mimics viral immune modulation** (2012) Scalley-Kim ML, Hess BW, Kelly RL, Krostag AR, Lustig KH, Marken JS, Owendale PJ, Posey AR, Smolak PJ, Taylor JD, Wood CL, Bienvenue DL, Probst P, Salmon RA, Allison DS, Foy TM, Raport CJ [PLoS One. 2012;7\(8\):e43332](#)
- DPP-4 Inhibition on Top of Angiotensin Receptor Blockade Offers a New Therapeutic Approach for Diabetic Nephropathy** (2012) Altera ML, Ottb IM, von Webskyb K, Tsuprykovb O, Sharkovska Y, Krause-Relle K, Raila, J, Henze A, Klein T, Hocher B [Kidney Blood Press Res 2012;36:119-130](#)
- Comparison of protein concentrations in serum versus plasma from Alzheimer's patients** (2012) Huebinger RM, Xiao G, Wilhelmsen KC, Diaz-Arrastia R, Zhang F, Bryant SE, Barber RC [Advances in Alzheimer's Disease Vol.1, No.3, 51-58 \(2012\)](#)
- Plasma biomarkers of depressive symptoms in older adults** (2012) Arnold SE, Xie SX, Leung YY, Wang LS, Kling MA, Han X, Kim EJ, Wolk DA, Bennett DA, Chen-Plotkin A, Grossman M, Hu W, Lee VMY, Mackin RS, Trojanowski JQ, Wilson RS, Shaw LM [Translational Psychiatry \(2012\) 2, e65.](#)
- A small animal peripheral challenge model of yellow fever using interferon-receptor deficient mice and the 17D-204 vaccine strain** (2012) Thibodeaux BA, Garbinoa NC, Lissb NM, Piper J, Blair CD, Roehrig JT [Vaccine](#)
- Association of Estimated Glomerular Filtration Rate and Urinary Uromodulin Concentrations with Rare Variants Identified by UMOD Gene Region Sequencing** (2012) Kottgen A, Yang Q, Shimmin LC, Tin A, Schaeffer C, Coresh J, Liu X, Rampoldi L, Hwang S, Boerwinkle E, Hixson JE, Linda Kao WH, Fox CS [PLoS ONE 7\(5\): e38311](#)
- Identification of blood protein biomarkers that aid in the clinical assessment of patients with malignant glioma** (2012) Xu BJ, An QA, Srinivasa Gowda S, Yan W, Pierce LA, Abel TW, Rush SZ, Cooper MK, Ye F, Shyr Y, Weaver KD, Thompson RC [Int J Oncol. 2012 Jun;40\(6\):1995-2003](#)
- Early Urinary and Plasma Biomarkers for Experimental Diabetic Nephropathy** (2012) Alter ML, Kretschmer A, Von Websky K, Tsuprykov O, Reichetzeder C, Simon A, JP Stasch, Hoche B [Clin. Lab. 2012;58:659-671](#)
- Neural progenitor cells regulate microglia functions and activity** (2012) Mosher KI, Andres RH, Fukuhara T, Bieri G, Hasegawa-Moriyama M, He Y, Guzman R, Wyss-Coray T [Nat Neurosci. 2012 Nov;15\(11\):1485-7](#)
- Sublytic Concentrations of Staphylococcus Aureus Pantón-Valentine Leukocidin Alter Human Pmn Gene Expression and Enhance Bactericidal Capacity** (2012) Graves SF, Kobayashi SD, Braughton KR, Whitney AR, Sturdevant DE, Rasmussen DL, Kirpotina LN, Quinn MT, Deleo FR [Journal of Leukocyte Biology](#)
- RN486, a Selective Bruton's Tyrosine Kinase Inhibitor, Abrogates Immune Hypersensitivity Responses and Arthritis in**

## Bibliography

**Rodents** (2012) Xu D, Kim Y, Postelnek J, Vu MD, Hu DQ, Liao C, Bradshaw M, Hsu J, Zhang J, Pashine A, Srinivasan D, Woods J, Levin A, O'Mahony A, Owens TD, Lou Y, Hill RJ, Narula S, Demartino J, Fine JS [J Pharmacol Exp Ther. 2012 Apr;341\(1\):90-103](#)

**Biomarkers and Depressive Symptoms in Older Women with and without Cognitive Impairment** (2012) Hall JR, Johnson LA, Vo HT, Barber RC, Winter AS, Bryant SE [Journal of Behavioral and Brain Science. 2012. 2. 276-281](#)

**Effects of red wine polyphenols and alcohol on glucose metabolism and the lipid profile: A randomized clinical trial** (2012) Chiva-Blanch G, Urpi-Sarda M, Ros E, Valderas-Martinez P, Casas R, Arranz S, Guillén M, Lamuela-Raventós RM, Llorach R, Andres-Lacueva C, Estruch R [Clinical Nutrition \(online September 3\)](#)

**Associations between gonadotropins, testosterone and  $\beta$  amyloid in men at risk of Alzheimer's disease** (2012) Verdile G, Laws SM, Henley D, Ames D, Bush AI, Ellis KA, Faux NG, Gupta VB, Li QX, Masters CL, Pike KE, Rowe CC, Szoeke C, Taddei K, Villemagne VL, Martins RN [Mol Psychiatry. 2012 Oct 23](#)

**Plasma biomarkers for Alzheimer's disease: much needed but tough to find** (2012) Bazenet C, Lovestone S [Biomark Med. 2012 Aug;6\(4\):441-54](#)

**Defining Map3 Kinases Required for Mda-Mb-231 Cell Tumor Growth and Metastasis** (2012) Cronan MR, Nakamura K, Johnson NL, Granger DA, Cuevas BD, Wang JG, Mackman N, Scott JE, Dohlman HG, Johnson GL [Oncogene](#)

**Bronchial and Bronchiolar Fibrosis in Rats Exposed to 2,3-Pentanedione Vapors: Implications for Bronchiolitis Obliterans in Humans** (2012) Morgan DL, Jokinen MP, Price HC, Gwinn WM, Palmer SM, Flake GP [Toxicol Pathol. 2012 Jan 3. \[Epub ahead of print\]](#)

**Inhibin B and luteinizing hormone levels in girls aged 6-11 years from NHANES III, 1988-1994** (2012) Sims EK, Addo OY, Gollenberg AL, Himes JH, Hediger ML, Lee PA [Clin Endocrinol \(Oxf\). 2012 Mar 24](#)

**Evaluations of Tear Protein Markers in Dry Eye Disease: Repeatability of Measurement and Correlation with Disease** (2012) Huang JF, Zhang Y, Rittenhouse KD, Pickering EH, McDowell MT [Invest Ophthalmol Vis Sci. 2012 Jun 13. \[Epub ahead of print\]](#)

**Plasma Biomarkers Associated With the Apolipoprotein E Genotype and Alzheimer Disease** (2012) Soares HD, Potter WZ, Pickering E, Kuhn M, Immermann FW, Shera DM, Ferm M, Dean RA, Simon AJ, Swenson F, Siuciak JA, Kaplow J, Thambisetty M, Zagouras P, Koroshetz WJ, Wan HI, Trojanowski JQ, Shaw LM; for the Biomarkers Consortium Alzheimer's Disease Plasma Proteomics Project [Arch Neurol. 2012 Jul 16:1-8](#)

**Blood profiling of proteins and steroids during weight maintenance with manipulation of dietary protein level and glycaemic index** (2012) Wang P, Holst C, Astrup A, Bouwman FG, van Otterdijk S, Wodzig WK, Andersen MR, van Baak MA, Rasmussen LG, Martinez JA, Jebb SA, Pfeiffer AF, Kafatos A, Handjieva-Darlenska T, Hlavaty P, Saris WH, Mariman EC [Br J Nutr. 2012 Jan;107\(1\):106-19](#)

**Type I interferon and pattern recognition receptor signaling following particulate matter inhalation** (2012) Erdely A, Antonini JM, Salmen-Muniz R, Liston A, Hulderman T, Simeonova PP, Kashon ML, Li S, Gu JK, Stone S, Chen BT, Frazer DG, Zeidler-Erdely PC [Part Fibre Toxicol. 2012 Jul 9:25](#)

**Plasma Lipid Profiling across Species for the Identification of Optimal Animal Models of Human Dyslipidemia** (2012) Yin W, Carballo-Jane E, McLaren DG, Mendoza VH, Gagen K, Geoghagen NS, Mcnamara LA, Gorski JN, Eiermann GJ, Petrov A, Wolff M, Tong X, Wilsie LC, Akiyama TE, Chen J, Thankappan A, Xue J, Ping X, Andrews G, Wickham LA, Gai CL, Trinh T, Kulick AA, Donnelly MJ, Voronin GO, Rosa R, Cumiskey A-M, Bekkari K, Mitnaul LJ, Puig O, Chen F, Raubertas R, Wong PH, Hansen BC, Koblan KS, Roddy TP, Hubbard BK, Strack AM [Journal of Lipid Research](#)

**Supernatants derived from chemotherapy-treated cancer cell lines can modify angiogenesis** (2012) Liu WM, Dennis JL, Gravett AM, Chanthirakumar C, Kaminska E, Coulton G, Fowler DW, Bodman-Smith M, Dalgleish AG [Br J Cancer. 2012 Jan 31 \[Epub ahead of print\]](#)

## Bibliography

**Inflammation, organomegaly, and muscle wasting despite hyperphagia in a mouse model of burn cachexia** (2012) Pedroso FE, Spalding PB, Cheung MC, Yang R, Gutierrez JC, Bonetto A, Zhan R, Chan HL, Namias N, Koniaris LG, Zimmers TA [J Cachexia Sarcopenia Muscle. 2012 Mar 29](#)

**Interleukin-7 aggravated joint inflammation and tissue destruction in collagen-induced arthritis is associated with T-cell and B-cell activation** (2012) Hartgring SA, Willis CR, Bijlsma JW, Lafeber FP, van Roon JA [Arthritis Res Ther. 2012 Jun 7;14\(3\):R137](#)

**Blood-Based Protein Biomarkers for Diagnosis of Alzheimer Disease** (2012) Doecke JD, Laws SM, Faux NG, Wilson W, Burnham SC, Lam CP, Mondal A, Bedo J, Bush AI, Brown B, De Ruyck K, Ellis KA, Fowler C, Gupta VB, Head R, Macaulay SL, Pertile K, Rowe CC, Rembach A, Rodrigues M, Rumble R, Szoek C, Taddei K, Taddei T, Trounson B, Ames D, Masters CL, Martins RN; for the Alzheimer's Disease Neuroimaging Initiative and Australian Imaging Biomarker and Lifestyle Research Group [Arch Neurol. 2012 Jul 16:1-8](#)

**Serum Granulocyte Colony-Stimulating Factor and Alzheimer's Disease** (2012) Barber RC, Edwards MI, Xiao G, Huebinger RM, Diaz-Arrastia R, Wilhelmsen KC, Hall JR, OBryant SE, for the Texas Alzheimer's Research and Care Consortium [Dement Geriatr Cogn Disord Extra 2012;2:353-360](#)

**Intraindividual long term stability and response corridors of cytokines in healthy volunteers detected by a standardized whole-blood culture system for bed-side application** (2012) Mueller SC, MÅrztz R, Schmolz M, Drewelow B [BMC Med Res Methodol. 2012 Aug 1;12\(1\):112](#)

**Proteomic approaches to unravel the complexity of schizophrenia** (2012) Martins-de-Souza D, Guest PC, Rahmoune H, Bahn S [Expert Rev Proteomics. 2012 Feb;9\(1\):97-108](#)

**Multivariate Protein Signatures of Pre-Clinical Alzheimer's Disease in the Alzheimer's Disease Neuroimaging Initiative (ADNI) Plasma Proteome Dataset** (2012) Johnstone D, Milward EA, Berretta R, Moscato P [PLoS One. 2012;7\(4\):e34341](#)

**Plasma apolipoprotein levels are associated with cognitive status and decline in a community cohort of older individuals** (2012) Song F, Poljak A, Crawford J, Kochan NA, Wen W, Cameron B, Lux O, Brodaty H, Mather K, Smythe GA, Sachdev PS [PLoS One. 2012;7\(6\):e34078](#)

**Urinary cystatin C as a biomarker for diabetic nephropathy and its immunohistochemical localization in kidney in Zucker diabetic fatty (ZDF) rats** (2012) Togashi Y, Miyamoto Y [Exp Toxicol Pathol. 2012 Jul 11](#)

**Toxicity Profile of Small-Molecule IAP Antagonist GDC-0152 is Linked to TNF-Alpha Pharmacology** (2012) Erickson RI, Tarrant J, Cain G, Lewin-Koh SC, Dybdal N, Wong H, Blackwood E, West K, Steigerwalt R, Mamounas M, Flygare JA, Amemiya K, Dambach D, Fairbrother WJ, Diaz D [Toxicol Sci. 2012 Sep 5. \[Epub ahead of print\]](#)

**Characterization of AQX-1125, a small molecule SHIP1 activator Part 2. Efficacy studies in allergic and pulmonary inflammation models in vivo** (2012) Stenton GR, Mackenzie LF, Tam P, Cross JL, Harwig C, Raymond J, Toews J, Chernoff D, Macrury T, Szabo C [Br J Pharmacol. 2012 Nov 2](#)

**STAT3 Is Activated by JAK2 Independent of Key Oncogenic Driver Mutations in Non-Small Cell Lung Carcinoma** (2012) Looyenga BD, Hutchings D, Cherni I, Kingsley C, Weiss GJ, MacKeigan JP [PLoS ONE 7\(2\): e30820](#)

**Somatic mutations in CCK2R alter receptor activity that promote oncogenic phenotypes** (2012) Willard MD, Lajiness ME, Wulur IH, Feng B, Swearingen ML, Uhlik MT, Kinzler KW, Velculescu VE, Sjöblom T, Markowitz SD, Powell SM, Vogelstein B, Barber TD [Mol Cancer Res. 2012 Apr 19](#)

**Photoacoustic Imaging of Mesenchymal Stem Cells in Living Mice via Silica-Coated Gold Nanorods** (2012) Jokerst JV, Thangaraj M, Kempen P, Sinclair R, Gambhir SS [ACS Nano. 2012 Jun 10. \[Epub ahead of print\]](#)

## Bibliography

**Immunomodulatory Effect of the Topical Ophthalmic Janus Kinase Inhibitor Tofacitinib (CP-690,550) in Patients with Dry Eye Disease** (2012) Huang JF, Yafawi R, Zhang M, McDowell M, Rittenhouse KD, Sace F, Liew SH, Cooper SR, Pickering EH [Ophthalmology. 2012 Jul;119\(7\):e43-50](#)

**The Relation between Inflammation and Neuropsychological Test Performance** (2012) Balldin VH, Hall JR, Barber RC, Hynan L, Diaz-Arrastia R, Bryant SE [International Journal of Alzheimer's Disease Volume 2012, Article ID 703871](#)

**Quantitative Proteomic Analysis of Niemann-Pick Disease, Type C1 Cerebellum Identifies Protein Biomarkers and Provides Pathological Insight** (2012) Cologna SM, Jiang X-S, Backlund PS, Cluzeau CVM, Dail MK, Yanjanin NM, Siebel S, Toth CL, Jun H, Wassif CA, Yergey AL, Porter FD [PLoS ONE 7\(10\): e47845](#)

**Targeting Tnf- $\alpha$  to Neoangiogenic Vessels Enhances Lymphocyte Infiltration in Tumors and Increases the Therapeutic Potential of Immunotherapy** (2012) Calcinotto A, Grioni M, Jachetti E, Curnis F, Mondino A, Parmiani G, Corti A, Bellone M [Journal of Immunology](#)

**Pharmacokinetics and Pharmacodynamics of Pegylated Interferon Lambda-1 in Cynomolgus Monkeys** (2012) Byrnes-Blake KA, Pederson S, Klucher KM, Anderson-Haley M, Miller DM, Lopez-Talavera JC, Freeman JA [J Interferon Cytokine Res. 2012 Jan 26. \[Epub ahead of print\]](#)

**Phase I Study of RO4929097, a Gamma Secretase Inhibitor of Notch Signaling, in Patients With Refractory Metastatic or Locally Advanced Solid Tumors** (2012) Tolcher AW, Messersmith WA, Mikulski SM, Papadopoulos KP, Kwak EL, Gibbon DG, Patnaik A, Falchook GS, Dasari A, Shapiro GI, Boylan JF, Xu ZX, Wang K, Koehler A, Song J, Middleton SA, Deutsch J, Demario M, Kurzrock R, Wheeler JJ [J Clin Oncol. 2012 Apr 23](#)

**Plasma signaling proteins in persons at genetic risk for Alzheimer disease: influence of APOE genotype** (2012) Ringman JM, Elashoff D, Geschwind DH, Welsh BT, Gyllys KH, Lee C, Cummings JL, Cole GM [Arch Neurol. 2012 Jun 1;69\(6\):757-64](#)

**Cerebrospinal fluid APOE levels, an endophenotype for genetic studies for Alzheimer's disease** (2012) Cruchaga C, Kauwe JS, Nowotny P, Bales K, Pickering EH, Mayo K, Bertelsen S, Hinrichs A; the Alzheimer's Disease Neuroimaging Initiative, Fagan AM, Holtzman DM, Morris JC, Goate AM [Hum Mol Genet. 2012 Jul 20. \[Epub ahead of print\]](#)

**Markers of inflammation and bone remodelling associated with improvement in clinical response measures in psoriatic arthritis patients treated with golimumab** (2012) Wagner CL, Visvanathan S, Elashoff M, McInnes IB, Mease PJ, Krueger GG, Murphy FT, Papp K, Gomez-Reino JJ, Mack M, Beutler A, Gladman D, Kavanaugh A [Ann Rheum Dis. 2012 Sep 12. \[Epub ahead of print\]](#)

**Anti-apoE immunotherapy inhibits amyloid accumulation in a transgenic mouse model of A $\beta$  amyloidosis** (2012) Kim J, Eltorai AE, Jiang H, Liao F, Verghese PB, Kim J, Stewart FR, Basak JM, Holtzman DM [J Exp Med. 2012 Nov 5. \[Epub ahead of print\]](#)

**Candidate Proteins, Metabolites and Transcripts in the Biomarkers for Spinal Muscular Atrophy (SMA) Clinical Study** (2012) Finkel RS, Crawford TO, Swoboda KJ, Kaufmann P, Juhasz P, Li X, Guo Y, Li RH, Trachtenberg F, Forrest SJ, Kobayashi DT, Chen KS, Joyce CL, Plasterer T [PLoS ONE 7\(4\): e35462](#)

**Multiprotein immune response to cancer vaccine IMA901 after single-dose cyclophosphamide associates with longer patient survival** (2012) Walter S, Weinschenk T, Stenzl A, Zdrojowy R, Pluzanska A, Szczylik C, Staehler M, Brugger W, Dietrich PY, Mendrzyk R, Hilf N, Schoor O, Fritsche J, Mahr A, Maurer D, Vass V, Trautwein C, Lewandrowski P, Flohr C, Pohla H, Stanczak JJ, Bronte V, Mandruzzato S, Biedermann T, Pawelec G, Derhovanessian E, Yamagishi H, Miki T, Hongo F, Takaha N, Hirakawa K, Tanaka H, Stevanovic S, Frisch J, Mayer-Mokler A, Kirner A, Rammensee HG, Reinhardt C, Singh-Jasuja H [Nat Med. 2012 Jul 29. doi: 10.1038/nm.2883. \[Epub ahead of print\]](#)

**Cardiovascular risk factors, cortisol, and amyloid- $\beta$  deposition in Alzheimer's Disease Neuroimaging Initiative** (2012) Toledo JB, Toledo E, Weiner MW, Jack CR Jr, Jagust W, Lee VM, Shaw LM, Trojanowski JQ; Alzheimer's Disease Neuroimaging Initiative

## Bibliography

[Alzheimers Dement. 2012 Nov;8\(6\):483-9](#)

**Neutrophil Gelatinase-Associated Lipocalin (NGAL) and Kidney Injury Molecule 1 (KIM-1) as Predictors of Incident CKD Stage 3: The Atherosclerosis Risk in Communities (ARIC) Study** (2012) Bhavsar NA, K ttgen A, Coresh J, Astor BC [Am J Kidney Dis. 2012 Apr 27. \[Epub ahead of print\]](#)

**Systemic Biomarkers of Neutrophilic Inflammation, Tissue Injury and Repair in COPD Patients with Differing Levels of Disease Severity** (2012) Cockayne DA, Cheng DT, Waschki B, Sridhar S, Ravindran P, Hilton H, Kourteva G, Bitter H, Pillai SG, Visvanathan S, M ller KC, Holz O, Magnussen H, Watz H, Fine JS [PLoS One. 2012;7\(6\):e38629](#)

**Single-agent lenalidomide in relapsed/refractory mantle cell lymphoma: results from a UK phase II study suggest activity and possible gender differences** (2012) Eve HE, Carey S, Richardson SJ, Heise CC, Mamidipudi V, Shi T, Radford JA, Auer RL, Bullard SH, Rule SA [Br J Haematol. 2012 Aug 9.](#)

**Evaluation of Plasma Proteomic Data for Alzheimer Disease State Classification and for the Prediction of Progression From Mild Cognitive Impairment to Alzheimer Disease** (2012) Llano DA, Devanarayan V, Simon AJ; The Alzheimer's Disease Neuroimaging Initiative (ADNI) [Alzheimer Dis Assoc Disord. 2012 Sep 27](#)

**Mapping creatinine- and cystatin C-related white matter brain deficits in the elderly** (2012) Rajagopalan P, Refsum H, Hua X, Toga AW, Jack CR Jr, Weiner MW, Thompson PM; Alzheimer's Disease Neuroimaging Initiative [Neurobiol Aging. 2012 Nov 19. pii: S0197-4580\(12\)00533-7](#)

**Moderate Alcohol Consumption Alters Both Leucocyte Gene Expression Profiles and Circulating Proteins Related to Immune Response and Lipid Metabolism in Men** (2012) Joosten MM, Van Erk MJ, Pellis L, Witkamp RF, Hendriks HFJ [British Journal of Nutrition](#)

**Plasma metabolomics and proteomics profiling after a postprandial challenge reveal subtle diet effects on human metabolic status** (2012) Pellis L, van Erk MJ, van Ommen B, Bakker GCM, Hendriks HFJ, Cnubben NHP, Kleemann R, van Someren EP, Bobeldijk I, Rubingh CM, Wopereis S [Metabolomics](#)

**Increased serum  2-microglobulin is associated with clinical and immunological markers of disease activity in systemic lupus erythematosus** (2012) Hermansen ML, Hummelsh j L, Lundsgaard D, Hornum L, Keller P, Fleckner J, Fox B, Poulsen LK, Jacobsen S [Lupus. 2012 May 10. \[Epub ahead of print\]](#)

**A multicenter phase II study of single-agent enzastaurin in previously treated Waldenstrom macroglobulinemia** (2012) Ghobrial IM, Moreau P, Harris B, Poon T, Jourdan E, Maisonneuve HM, Benhadji KA, Hossain A, Nguyen T, Wooldridge JE, Leblond V [Clin Cancer Res. 2012 Aug 9](#)

**Plasma Based Markers of [(11)C] PiB-PET Brain Amyloid Burden** (2012) Kiddle SJ, Thambisetty M, Simmons A, Riddoch-Contreras J, Hye A, Westman E, Pike I, Ward M, Johnston C, Lupton MK, Lunnon K, Soininen H, Kloszewska I, Tsolaki M, Vellas B, Mecocci P, Lovestone S, Newhouse S, Dobson R; for the Alzheimers Disease Neuroimaging Initiative [PLoS One. 2012;7\(9\):e44260.](#)

**Adipocytokine signaling is altered in flinders sensitive line rats, and adiponectin correlates in humans with some symptoms of depression** (2012) Wilhelm CJ, Choi D, Huckans M, Manthe L, Loftis JM [Pharmacol Biochem Behav. 2012 Nov 12. pii: S0091-3057\(12\)00312-7](#)

**Plasma methionine sulfoxide in persons with familial Alzheimer's disease mutations** (2012) Ringman JM, Fithian AT, Gyls K, Cummings JL, Coppola G, Elashoff D, Pratico D, Moskowitz J, Bitan G [Dement Geriatr Cogn Disord. 2012;33\(4\):219-25](#)

**Biomarkers of Basic Activities of Daily Living in Alzheimer's Disease** (2012) Hall JR, Johnson LA, Barber RC, Vo HT, Winter AS, O'Bryant SE [J Alzheimers Dis. 2012 May 9. \[Epub ahead of print\]](#)



## Bibliography

**Calcium/calmodulin-dependent protein kinase kinase 2 regulates macrophage-mediated inflammatory responses** (2012)  
Racioppi L, Noeldner PK, Lin F, Arvai S, Means AR [J Biol Chem. 2012 Feb 14. \[Epub ahead of print\]](#)

**Preferential Colonization of Metastases by Oncolytic Vaccinia Virus Strain GLV-1h68 in a Human PC-3 Prostate Cancer Model in Nude Mice** (2012) Donat U, Weibel S, Hess M, Stritzker J, HÄ¶rtl B, Sturm JB, Chen NG, Gentschev I, Szalay AA [PLoS ONE 7\(9\): e45942](#)

**Electroconvulsive therapy exerts mainly acute molecular changes in serum of major depressive disorder patients** (2012)  
Stelzhammer V, Guest PC, Rothermundt M, Sondermann C, Michael N, Schwarz E, Rahmoune H, Bahn S [Eur Neuropsychopharmacol. 2012 Nov 22. pii: S0924-977X\(12\)00303-3](#)

**Plasma multianalyte profiling in mild cognitive impairment and Alzheimer disease** (2012) Hu WT, Holtzman DM, Fagan AM, Shaw LM, Perrin R, Arnold SE, Grossman M, Xiong C, Craig-Schapiro R, Clark CM, Pickering E, Kuhn M, Chen Y, Van Deerlin VM, McCluskey L, Elman L, Karlawish J, Chen-Plotkin A, Hurtig HI, Siderow F, Swenson F, Lee VM, Morris JC, Trojanowski JQ, Soares H; Alzheimer's Disease Neuroimaging Initiative [Neurology. 2012 Aug 28;79\(9\):897-905](#)

**Dogs are more sensitive to antagonists of inhibitor of apoptosis proteins than rats and humans: a translational toxicokinetic/toxicodynamic analysis** (2012) Wong H, Budha NR, West K, Blackwood E, Ware JA, Yu R, Darbonne WC, Gould SE, Steigerwalt R, Erickson R, Hop CE, LoRusso P, Eckhardt SG, Wagner A, Chan IT, Mamounas M, Flygare JA, Fairbrother WJ [Toxicol Sci. 2012 Nov;130\(1\):205-13](#)

**Systemic immunoregulatory and proteogenomic effects of tacrolimus to sirolimus conversion in liver transplant recipients** (2012) Levitsky J, Mathew JM, Abecassis M, Tambur A, Leventhal J, Chandrasekaran D, Herrera N, Al-Saden P, Gallon L, Abdul-Nabi A, Yang GY, Kurian SM, Salomon DR, Miller J [Hepatology. 2012 Jan 11. doi: 10.1002/hep.25579. \[Epub ahead of print\]](#)

**Highly aggregated antibody therapeutics can enhance the in vitro innate and late-stage T-cell immune responses** (2012)  
Joubert MK, Hokom M, Eakin C, Zhou L, Deshpande M, Baker MP, Goletz TJ, Kerwin BA, Chirmule N, Narhi LO, Jawa V [J Biol Chem. 2012 Jul 20;287\(30\):25266-79](#)

**Proteins involved in extracellular matrix dynamics are associated with respiratory syncytial virus disease severity** (2012)  
Schuurhof A, Bont L, Hodemaekers HM, de Klerk A, de Groot H, Hofland RW, van de Pol AC, Kimpen JL, Janssen R [Eur Respir J. 2012 Jun;39\(6\):1475-81](#)

**Altered lung function relates to inflammation in an acute LPS mouse model** (2012) HÄ¶kansson HF, Smailag A, Brunmark C, Miller-Larsson A, Lal H [Pulmonary Pharmacology & Therapeutics](#)

**In-depth analysis of the secretome identifies three major independent secretory pathways in differentiating human myoblasts** (2012) Le Bihan MC, Bigot A, Jensen SS, Dennis J, Rogowska-Wrzesinska A, LainÄ© J, Gache V, Furling D, Jensen ON, Voit T, Mouly V, Coulton GR, Butler-Browne G [J Proteomics. 2012 Sep 20. pii: S1874-3919\(12\)00652-5](#)

**Aging Exacerbates Obesity-Induced Oxidative Stress and Inflammation in Perivascular Adipose Tissue in Mice: A Paracrine Mechanism Contributing to Vascular Redox Dysregulation and Inflammation** (2012) Bailey-Downs LC, Tucek Z, Toth P, Sosnowska D, Gautam T, Sonntag WE, Csiszar A, Ungvari Z [J Gerontol A Biol Sci Med Sci. 2012 Dec 3. \[Epub ahead of print\]](#)

**The kinetics of cardiopulmonary bypass: a dual-platform proteomics study of plasma biomarkers in pediatric patients undergoing cardiopulmonary bypass** (2012) Umstead TM, Lu CJ, Freeman WM, Myers JL, Clark JB, Thomas NJ, Icitovic N, Chinchilli VM, Undar A, Phelps DS [Artif Organs. 2012 Jan;36\(1\):E1-E20.](#)

**Identification of blood-based molecular signatures for prediction of response and relapse in schizophrenia patients** (2012)  
Schwarz E, Guest PC, Steiner J, Bogerts B, Bahn S [Translational Psychiatry \(2012\) 2. e82](#)

**Identification of cis- regulatory variation influencing protein abundance levels in human plasma** (2012) Lourdasamy A, Newhouse S, Lunnon K, Proitsis P, Powell J, Hodges A, Nelson SK, Stewart A, Williams S, Kloszewska I, Mecocci P, Soininen H, Tsolaki

## Bibliography

M, Vellas B, Lovestone S; on behalf of the AddNeuroMed Consortium, Dobson R; for the Alzheimer's Disease Neuroimaging Initiative [Hum Mol Genet. 2012 May 16. \[Epub ahead of print\]](#)

**Neuroinflammatory phenotype in early Alzheimer's disease** (2012) Sudduth TL, Schmitt FA, Nelson PT, Wilcock DM [Neurobiol Aging. 2012 Oct 9. pii: S0197-4580\(12\)00468-X](#)

**Molecular Sex Differences in Human Serum** (2012) Ramsey JM, Schwarz E, Guest PC, van Beveren NJM, Leweke FM; Rothermundt M, Bogerts B, Steiner J, Ruta L, Baron-Cohen S, Bahn S [PLoS ONE 7\(12\): e51504](#)

**Efficacy and safety of mavrilimumab in subjects with rheumatoid arthritis** (2012) Burmester GR, Weinblatt ME, McInnes IB, Porter D, Barbarash O, Vatutin M, Szombati I, Esfandiari E, Sleeman MA, Kane CD, Cavet G, Wang B, Godwood A, Magrini F [Ann Rheum Dis.](#)

**Validation of a Novel Multibiomarker Test to Assess Rheumatoid Arthritis Disease Activity** (2012) Curtis Jr, van der Helm-van Mil ah, Knevel R, Huizinga TW, Haney DJ, Shen Y, Ramanujan S, Cavet G, Centola M, Hesterberg LK, Chernoff D, Ford K, Shadick N, Hamburger M, Fleischmann R, Keystone E, and Weinblatt ME [Arthritis Care & Res.](#)

---

**Peripheral profiling analysis for bipolar disorder reveals markers associated with reduced cell survival** (2011) Herberth M, Koethe D, Levin Y, Schwarz E, Krzyszton ND, Schoeffmann S, Ruh H, Rahmoune H, Kranaster L, Schoenborn T, Leweke MF, Guest PC, Bahn S [Proteomics 11: 94-105.](#)

**The Role of Residual Gadolinium in the Induction of Nephrogenic Systemic Fibrosis-Like Skin Lesions in Rats** (2011) Pietsch H, Raschke M, Ellinger-Ziegelbauer H, Jost G, Walter J, Frenzel T, Lenhard D, Hatter J, Sieber MA [Invest Radiol. 46: 48-56.](#)

**Identifying Neuroimaging and Proteomic Biomarkers for MCI and AD via the Elastic Net** (2011) Shen L, Kim S, Qi Y, Inlow M, Swaminathan S, Nho K, Wan J, Risacher SL, Shaw LM, Trojanowski JQ, Weiner M, Saykin AJ, ADNI [Lecture Notes in Computer Science. 2011. Volume 7012/2011. 27-34](#)

**Exploratory analysis of multiple omics datasets using the adjusted RV coefficient** (2011) Mayer CD, Lorent J, Horgan GW [Stat Appl Genet Mol Biol. 2011;10\(1\):Article 14](#)

**Plasma clusterin and the risk of Alzheimer disease** (2011) Schrijvers EM, Koudstaal PJ, Hofman A, Breteler MM [JAMA. 305: 1322-6](#)

**Combining experimental and mathematical modeling to reveal mechanisms of macrophage-dependent left ventricular remodeling** (2011) Jin YF, Han HC, Berger J, Dai Q, Lindsey ML [BMC Syst Biol. 2011 May 5;5\(1\):60. \[Epub ahead of print\]](#)

**Tumor Microenvironment-Derived Proteins Dominate the Plasma Proteome Response During Breast Cancer Induction and Progression** (2011) Pitteri SJ, Kelly-Spratt KS, Gurley KE, Kennedy J, Busald Buson T, Chin A, Wang H, Zhang Q, Wong CH, Chodosh LA, Nelson PS, Hanash SM, Kemp CJ [Cancer Res. 2011 Jun 8. \[Epub ahead of print\]](#)

**STAT3 Activation in Skeletal Muscle Links Muscle Wasting and the Acute Phase Response in Cancer Cachexia** (2011) Bonetto A, Aydogdu T, Kunzevitzky N, Guttridge DC, Khuri S, Koniaris LG, Zimmers TA [PLoS ONE 6\(7\): e22538](#)

**Pharmacological inhibition of myostatin suppresses systemic inflammation and muscle atrophy in mice with chronic kidney disease** (2011) Zhang L, Rajan V, Lin E, Hu Z, Han HQ, Zhou X, Song Y, Min H, Wang X, Du J, Mitch WE [FASEB J. 2011 May;25\(5\):1653-63](#)

**Tumour hypoxia promotes tolerance and angiogenesis via CCL28 and T(reg) cells** (2011) Facciabene A, Peng X, Hagemann IS, Balint K, Barchetti A, Wang LP, Gimotty PA, Gilks CB, Lal P, Zhang L, Coukos G [Nature. 2011 Jul 13;475\(7355\):226-30](#)

## Bibliography

- Discrimination of agonist and antagonist forms of CXCL10 in biologic samples** (2011) Casrouge A, Bisiaux A, Stephen L, Schmolz M, Mapes J, Pfister C, Pol S, Mallet V, Albert ML [Clin Exp Immunol. 2012 Jan;167\(1\):137-48](#)
- Intratracheal instillation of cerium oxide nanoparticles induces hepatic toxicity in male Sprague-Dawley rats** (2011) Nalabotu SK, Kolli MB, Triest WE, Ma JY, Manne NDPK, Katta A, Addagarla HS, Rice KM, Blough ER [International Journal of Nanomedicine Volume 2011:6 Pages 2327 - 2335](#)
- Algorithm development for diagnostic biomarker assays** (2011) Izmailov R, Guest PC, Bahn S, Schwarz E [Int Rev Neurobiol. 2011;101:279-98](#)
- Growth Hormone and IGF-1 Deficiency Exacerbate High-Fat Diet-Induced Endothelial Impairment in Obese Lewis Dwarf Rats: Implications for Vascular Aging** (2011) Bailey-Downs LC, Sosnowska D, Toth P, Mitschelen M, Gautam T, Henthorn JC, Ballabh P, Koller A, Farley JA, Sonntag WE, Csiszar A, Ungvari Z [J Gerontol A Biol Sci Med Sci. 2011 Nov 10. \[Epub ahead of print\]](#)
- Comprehensive serum profiling for the discovery of epithelial ovarian cancer biomarkers** (2011) Yip P, Chen TH, Sessaiah P, Stephen LL, Michael-Ballard KL, Mapes JP, Mansfield BC, Bertenshaw GP [PLoS One. 2011;6\(12\):e29533. Epub 2011 Dec 21](#)
- Modulation of Inflammatory and Lipoprotein Pathways in Skin and Serum from Patients with Psoriasis** (2011) Faha NNM, Li K, Szapary PO, Krueger J, Brodmerkel C [J Am Coll Cardiol. 57: 576](#)
- Identification of Systemic Markers from A Pulmonary Carbon Nanotube Exposure** (2011) Erdely A, Liston A, Salmen-Muniz R, Hulderman T, Shih-Houng Y, Zeidler-Erdely PC, Castranova V, Simeonova PP [Journal of Occupational & Environmental Medicine: June 2011 - Volume 53 - Issue - p S80-S86](#)
- Mark B. Coventry Award: Synovial C-reactive Protein: A Prospective Evaluation of a Molecular Marker for Periprosthetic Knee Joint Infection** (2011) Parvizi J, Jacovides C, Adeli B, Jung KA, Hozack WJ [Clin Orthop Relat Res. 2011 Jul 23. \[Epub ahead of print\]](#)
- Urinary cystatin C as a biomarker for acute kidney injury and its immunohistochemical localization in kidney in the CDDP-treated rats** (2011) Togashi Y, Sakaguchi Y, Miyamoto M, Miyamoto Y [Exp Toxicol Pathol. 2011 Mar 4. \[Epub ahead of print\]](#)
- Deletion of a Malaria Invasion Gene Reduces Death and Anemia, in Model Hosts** (2011) GÃmez ND, Safeukui I, Adelani AA, Tewari R, Reddy JK, Rao S, Holder A, Buffet P, Mohandas N, Haldar K [PLoS ONE 6\(9\): e25477](#)
- Relationship of neurocognitive deficits to diagnosis and symptoms across affective and non-affective psychoses** (2011) Lewandowski KE, Cohen BM, Keshavan MS, OngÅr D [Schizophr Res. 2011 Oct 11. \[Epub ahead of print\]](#)
- Effects of DPP-4 Inhibitors on the Heart in a Rat Model of Uremic Cardiomyopathy** (2011) Chaykovska L, von Websky K, RahnenfÄhrer J, Alter M, Heiden S, Fuchs H, Runge F, Klein T, Hoher B [PLoS ONE 6\(11\): e27861](#)
- Biomarkers and Depressive Symptoms in a Sample of Cognitively Intact and Alzheimerâ€™s Disease Elderly Males** (2011) Hall JR, Vo HT, Johnson LA, Winter S, Barber RC, Oâ€™Bryant SE [Neuroscience & Medicine. 2011, 2. 306-312](#)
- Therapeutic vaccination with TG4010 and first-line chemotherapy in advanced non-small-cell lung cancer: a controlled phase 2B trial** (2011) Quoix E, Ramlau R, Westeel V, Papai Z, Madroszyk A, Riviere A, Koralewski P, Breton JL, Stoelben E, Braun D, Debieuvre D, Lena H, Buyse M, Chenard MP, Acres B, Lacoste G, Bastien B, Tavernaro A, Bizouarne N, Bonnefoy JY, Limacher JM [Lancet Oncol. 2011 Nov;12\(12\):1125-33](#)
- Bone Marrow Derived Mesenchymal Stromal Cells are Attracted by Multiple Myeloma Cell-Produced Chemokine CCL25 and Favor Myeloma Cell Growth In Vitro and In Vivo** (2011) Xu S, Menu E, De Becker A, Van Camp B, Vanderkerken K, Van Riet I [Stem Cells. 2011 Nov 18. \[Epub ahead of print\]](#)

## Bibliography

- Assessment of Biomarkers of Drug-induced Kidney Injury in Cynomolgus Monkeys Treated with a Triple Re-uptake Inhibitor** (2011) Guha M, Heier A, Price S, Bielenstein M, Caccese RG, Heathcote DI, Simpson TR, Stong DB, Bodes E [Toxicol Sci. 2011 Jan 22. \[Epub ahead of print\]](#)
- A phase I safety study of enzastaurin plus bortezomib in the treatment of relapsed or refractory multiple myeloma** (2011) Ghobrial IM, Munshi NC, Harris BN, Shi P, Porter NM, Schlossman RL, Laubach JP, Anderson KC, Desai D, Myrand SP, Wooldridge JE, Richardson PG, Abonour R [Am. J. Hematol.](#)
- Molecular Markers for Diagnosis of Periprosthetic Joint Infection** (2011) Jacovides CL, Parvizi J, Adeli B, Jung KA [J Arthroplasty. 2011 May 12. \[Epub ahead of print\]](#)
- Relationship between pulmonary and systemic markers of exposure to multiple types of welding particulate matter** (2011) Erdely A, Salmen-Muniz R, Liston A, Hulderman T, Zeidler-Erdely PC, Antonini JM, Simeonova PP [Toxicology](#)
- Clinical and Plasma Proteomic Markers Correlating With Chronic Kidney Disease After Liver Transplantation** (2011) Levitsky J, Salomon DR, Abecassis M, Langfelder P, Horvath S, Friedewald J, Wang E, Kurian SM, Mondala T, Gil S, McDade R, Ballard K, Gallon L [Am J Transplant. 2011 Jul 27.](#)
- Modeling of pathological traits in Alzheimer's disease based on systemic extracellular signaling proteome** (2011) Britschgi M, Rufibach K, Bauer Huang SL, Clark CM, Kaye JA, Li G, Peskind ER, Quinn JF, Galasko DR, Wyss-Coray T [Mol Cell Proteomics. 2011 Jul 8. \[Epub ahead of print\]](#)
- Serum biomarkers of aging in the Brown Norway rat** (2011) Gordon CJ, Rowsey PJ, Bishop BL, Ward WO, Macphail RC [Exp Gerontol. 2011 Jul 28. \[Epub ahead of print\]](#)
- Mouse ghrelin-O-acyltransferase (GOAT) plays a critical role in bile acid reabsorption** (2011) Kang K, Schmahl J, Lee JM, Garcia K, Patil K, Chen A, Keene M, Murphy A, Sleeman MW [FASEB J. 2011 Sep 29. \[Epub ahead of print\]](#)
- Peripheral Blood Proteins Predict Mortality in Idiopathic Pulmonary Fibrosis** (2011) Richards TJ, Kaminski N, Baribaud F, Flavin S, Brodmerkel C, Horowitz D, Li K, Choi J, Vuga LJ, Lindell KO, Klesen M, Zhang Y, Gibson KF [Am J Respir Crit Care Med. 2011 Oct 20. \[Epub ahead of print\]](#)
- Direct evidence that GM-CSF inhalation improves lung clearance in pulmonary alveolar proteinosis** (2011) Ohashi K, Sato A, Takada T, Arai T, Nei T, Kasahara Y, Motoi N, Hojo M, Urano S, Ishii H, Yokoba M, Eda R, Nakayama H, Nasuhara Y, Tsuchihashi Y, Kaneko C, Kanazawa H, Ebina M, Yamaguchi E, Kirchner J, Inoue Y, Nakata K, Tazawa R [Respir Med. 2011 Nov 22. \[Epub ahead of print\]](#)
- Divergence Weighted Independence Graphs for the Exploratory Analysis of Biological Expression Data** (2011) Xiang Y, Talikka M, Belcastro V, Sperisen P, Peitsch MC, Hoeng J, Whittaker J [J Health Med Informat 2011. S2](#)
- Transmembrane tumour necrosis factor is neuroprotective and regulates experimental autoimmune encephalomyelitis via neuronal nuclear factor-kappaB** (2011) Taoufik E, Tseveleki V, Chu SY, Tselios T, Karin M, Lassmann H, Szymkowski DE, Probert L [Brain. 2011 Sep;134\(Pt 9\):2722-35](#)
- G-protein-coupled receptor GPR21 knockout mice display improved glucose tolerance and increased insulin response** (2011) Gardner J, Wu S, Ling L, Danao J, Li Y, Yeh WC, Tian H, Baribault H [Biochemical and Biophysical Research Communications](#)
- Type I Interferons increase host susceptibility to Trypanosoma cruzi infection** (2011) Chessler AD, Caradonna KL, Da'dara A, Burleigh BA [Infect Immun. 2011 Mar 14. \[Epub ahead of print\]](#)
- Identification of a biological signature for schizophrenia in serum** (2011) Schwarz E, Guest PC, Rahmoune H, Harris LW, Wang L,

## Bibliography

Leweke FM, Rothermundt M, Bogerts B, Koethe D, Kranaster L, Ohrmann P, Suslow T, McAllister G, Spain M, Barnes A, van Beveren NJ, Baron-Cohen S, Steiner J, Torrey FE, Yolken RH, Bahn S [Mol Psychiatry. 2012 May;17\(5\):494-502](#)

**Human plasma inflammatory response during 5 days of exercise training in the heat** (2011) Hailes WS, Slivka D, Cuddy J, Ruby BC [Journal of Thermal Biology](#)

**Increased Disease Severity of Parasite-Infected TLR2-/- Mice Is Correlated with Decreased Central Nervous System Inflammation and Reduced Numbers of Cells with Alternatively Activated Macrophage Phenotypes in a Murine Model of Neurocysticercosis** (2011) Gundra UM, Mishra BB, Wong K, Teale JM [Infect Immun. 2011 Jul;79\(7\):2586-96](#)

**Early reactions of brain-derived neurotrophic factor in plasma (pBDNF) and outcome to acute antidepressant treatment in patients with Major Depression** (2011) Dreimüller N, Schlicht KF, Wagner S, Peetz D, Borysenko L, Hiemke C, Lieb K, Tadic A [Neuropharmacology. 2011 Jul 22. \[Epub ahead of print\]](#)

**Multi-analyte profiling reveals matrix metalloproteinase-9 and monocyte chemotactic protein-1 as plasma biomarkers of cardiac aging** (2011) Chiao YA, Dai Q, Zhang J, Lin J, Lopez EF, Ahuja SS, Chou YM, Lindsey ML, Jin YF [Circ Cardiovasc Genet. 2011 Aug 1;4\(4\):455-62](#)

**Comparison of the course of biomarker changes and kidney injury in a rat model of drug-induced acute kidney injury** (2011) Sasaki D, Yamada A, Umeno H, Kurihara H, Nakatsuji S, Fujihira S, Tsubota K, Ono M, Moriguchi A, Watanabe K, Seki J [Biomarkers. 2011 Sep 28. \[Epub ahead of print\]](#)

**Short term inhalation toxicity of a liquid aerosol of CdS/Cd(OH)<sub>2</sub> core shell quantum dots in male Wistar rats** (2011) Ma-Hock L, Brill S, Wohlleben W, Farias PM, Chaves CR, Tenório DP, Fontes A, Santos BS, Landsiedel R, Strauss V, Treumann S, van Ravenzwaay B [Toxicol Lett. 2011 Oct 20. \[Epub ahead of print\]](#)

**A novel detection method of non-small cell lung cancer using multiplexed bead-based serum biomarker profiling** (2011) Lee HJ, Kim YT, Park PJ, Shin YS, Kang KN, Kim Y, Kim CW [J Thorac Cardiovasc Surg. 2011 Nov 18. \[Epub ahead of print\]](#)

**Biomarkers for drug-induced renal damage and nephrotoxicity-an overview for applied toxicology** (2011) Fuchs TC, Hewitt P [AAPS J. 2011 Dec;13\(4\):615-31](#)

**Treatment of experimental anterior and intermediate uveitis by a dexamethasone intravitreal implant** (2011) Ghosn CR, Li Y, Orilla WC, Lin T, Wheeler L, Burke JA, Robinson MR, Whitcup SM [Invest Ophthalmol Vis Sci. 2011 May 2;52\(6\):2917-23](#)

**High tumor levels of IL6 and IL8 abrogate preclinical efficacy of the gamma-secretase inhibitor, RO4929097** (2011) He W, Luistro L, Carvajal D, Smith M, Nevins T, Yin X, Cai J, Higgins B, Kolinsky K, Rizzo C, Packman K, Heimbrook D, Boylan JF [Molecular Oncology \[Epub ahead of print\]](#)

**Homozygous mutation in SAMHD1 gene causes cerebral vasculopathy and early onset stroke** (2011) Xin B, Jones S, Puffenberger EG, Hinze C, Bright A, Tan H, Zhou A, Wu G, Vargus-Adams J, Agamanolis D, Wang H [Proc Natl Acad Sci U S A. 2011 Mar 14. \[Epub ahead of print\]](#)

**Inhalation exposure of gas-metal arc stainless steel welding fume increased atherosclerotic lesions in apolipoprotein E knockout mice** (2011) Erdely A, Hulderman T, Salmen-Muniz R, Liston A, Zeidler-Erdely PC, Chen BT, Stone S, Frazer DG, Antonini JM, Simeonova PP [Toxicol Lett. 2011 Jul 4;204\(1\):12-6.](#)

**Phagocytosis and digestion of pH-sensitive fluorescent dye (Eos-FP) transfected E. coli in whole blood assays from patients with severe sepsis and septic shock** (2011) Schreiner L, Huber-Lang M, Weiss ME, Hohmann H, Schmolz M, Schneider EM [J Cell Commun Signal. 2011 Jun;5\(2\):135-44](#)

**Critical proinflammatory role of thymic stromal lymphopoietin and its receptor in experimental autoimmune arthritis** (2011)



## Bibliography

Hartgring SA, Willis CR, Dean CE Jr, Broere F, van Eden W, Bijlsma JW, Lafeber FP, van Roon JA [Arthritis Rheum. Jul;63\(7\):1878-87](#)

**Trefoil Factor 3 Predicts Incident Chronic Kidney Disease: A Case-Control Study Nested within the Atherosclerosis Risk in Communities (ARIC) Study** (2011) Astor BC, KÄttgen A, Hwang SJ, Bhavsar N, Fox CS, Coresh J [Am J Nephrol. 2011 Aug 9;34\(4\):291-297.](#)

**Loss of the receptor tyrosine kinase Axl leads to enhanced inflammation in the CNS and delayed removal of myelin debris during Experimental Autoimmune Encephalomyelitis** (2011) Weinger JG, Brosnan CF, Loudig O, Goldberg MF, Macian F, Arnett HA, Prieto AL, Tsiperson V, Shafit-Zagardo B [J Neuroinflammation. 2011 May 15;8:49](#)

**The ageing systemic milieu negatively regulates neurogenesis and cognitive function** (2011) Villeda SA, Luo J, Mosher KI, Zou B, Britschgi M, Bieri G, Stan TM, Fainberg N, Ding Z, Egge A, Lucin KM, Czirr E, Park JS, Couillard-DesprÄs S, Aigner L, Li G, Peskind ER, Kaye JA, Quinn JF, Galasko DR, Xie XS, Rando TA, Wyss-Coray T [Nature. 2011 Aug 31;477\(7362\):90-4](#)

**Inflammatory signaling in Alzheimer disease and depression** (2011) Barber, R [Cleveland Clinic Journal of Medicine vol. 78 Suppl 1 S47-S49](#)

**Measurement of AÅ1-42 in Cerebrospinal Fluid is Influenced by Matrix Effects** (2011) Slemmon JR, Meredith J, Guss V, Andreasson U, Andreasen N, Zetterberg H, Blennow K [J Neurochem. 2011 Oct 25.](#)

**A Longitudinal Analysis of Circulating Stress-Related Proteins and Chronic Ethanol Self-Administration in Cynomolgus Macaques** (2011) Helms CM, Messaoudi I, Jeng S, Freeman WM, Vrana KE, Grant KA [Alcohol Clin Exp Res. 2011 Dec 5. \[Epub ahead of print\]](#)

**A Blood-Based Screening Tool for Alzheimer's Disease That Spans Serum and Plasma: Findings from TARC and ADNI** (2011) O'Bryant SE, Xiao G, Barber R, Huebinger R, Wilhelmsen K, Edwards M, Graff-Radford N, Doody R, Diaz-Arrastia R; for the Texas Alzheimer's Research & Care Consortium; for the Alzheimer's Disease Neuroimaging Initiative [PLoS One. 2011;6\(12\):e28092. Epub 2011 Dec 7.](#)

**Altered Levels of Circulating Insulin and Other Neuroendocrine Hormones Associated with the Onset of Schizophrenia** (2011) Guest PC, Schwarz E, Krishnamurthy D, Harris LW, Leweke FM, Rothermundt M, Van Beveren N, Spain M, Barnes A, Steiner J, Rahmoune H, Bahn S [Psychoneuroendocrinology](#)

**Screening for New Biomarkers for Subcortical Vascular Dementia and Alzheimer's Disease** (2011) Åhrfelt A, Andreasson U, Simon A, Zetterberg H, Edman A, Potter W, Holder D, Devanarayan V, Seeburger J, Smith AD, Blennow K, Wallin A [Dement Geriatr Cogn Disord Extra 1: 31-42.](#)

**Urinary biomarkers in hexachloro-1:3-butadiene-induced acute kidney injury in the female Hanover Wistar rat; correlation of a-glutathione S-transferase, albumin and kidney injury molecule-1 with histopathology and gene expression** (2011) Swain A, Turton J, Scudamore CL, Pereira I, Viswanathan N, Smyth R, Munday M, McClure F, Gandhi M, Sondh S, York M [J Appl Toxicol. \[Epub ahead of print\]](#)

**2D-electrophoresis and multiplex immunoassay proteomic analysis of different body fluids and cellular components reveal known and novel markers for extended fasting** (2011) Bouwman FG, de Roos B, Rubio-Aliaga I, Crosley LK, Duthie SJ, Mayer C, Horgan G, Polley AC, Heim C, Coort SL, Evelo CT, Mulholland F, Johnson IT, Elliott RM, Daniel H, Mariman EC [BMC Med Genomics. Mar 25;4\(1\):24. \[Epub ahead of print\]](#)

**Inflammatory profile and response to anti-TNF therapy in patients with chronic pulmonary sarcoidosis** (2011) Loza MJ, Brodmerkel C, Du Bois RM, Judson MA, Costabel U, Drent M, Kavuru M, Flavin S, Lo KH, Barnathan ES, Baughman RP [Clin Vaccine Immunol. 2011 Apr 20. \[Epub ahead of print\]](#)

**Validation of the Tetracycline Regulatable Gene Expression System for the Study of the Pathogenesis of Infectious Disease** (2011) Chaturvedi AK, Lazzell AL, Saville SP, Wormley Jr.FL, Monteagudo C, Lopez-Ribot JL [PLoS ONE 6\(5\): e20449](#)

## Bibliography

**Safety and efficacy of everolimus, a mTOR inhibitor, as single agent in a phase 1/2 study in patients with myelofibrosis** (2011) Guglielmelli P, Barosi G, Rambaldi A, Marchioli R, Masciulli A, Tozzi L, Biamonte F, Bartalucci N, Gattoni E, Lupo ML, Finazzi G, Pancrazzi A, Antonioli E, Susini MC, Pieri L, Malevolti E, Usala E, Occhini U, Grossi A, Caglio S, Paratore S, Bosi A, Barbui T, Vannucchi AM [Blood. 2011 Jul 1. \[Epub ahead of print\]](#)

**Rapidly Progressive, Fatal, Inhalation Anthraxlike Infection in a Human: Case Report, Pathogen Genome Sequencing, Pathology, and Coordinated Response** (2011) Wright AM, Beres SB, Consamus EN, Long SW, Flores AR, Barrios R, Richter GS, Oh SY, Garufi G, Maier H, Drews AL, Stockbauer KE, Cernoch P, Schneewind O, Olsen RJ, Musser JM [Arch Pathol Lab Med. 2011 Aug 9. \[Epub ahead of print\]](#)

**Lower urinary connective tissue growth factor levels and incident CKD stage 3 in the general population** (2011) O'Seaghdha CM, Hwang SJ, Bhavsar NA, K ttgen A, Coresh J, Astor BC, Fox CS [Am J Kidney Dis. 2011 Jun;57\(6\):841-9](#)

**Associations between body mass, radiographic joint damage, adipokines and risk factors for bone loss in rheumatoid arthritis** (2011) Baker JF, George M, Baker DG, Toedter G, Von Feldt JM, Leonard MB [Rheumatology \(Oxford\). 2011 Sep 2. \[Epub ahead of print\]](#)

**Molecular profiling and gene expression analysis in cutaneous sarcoidosis: The role of interleukin-12, interleukin-23, and the T-helper 17 pathway** (2011) Judson MA, Marchell RM, Mascelli M, Piantone A, Barnathan ES, Petty KJ, Chen D, Fan H, Grund H, Ma K, Baribaud F, Brodmerkel C [J Am Acad Dermatol. 2011 Sep 15. \[Epub ahead of print\]](#)

**Inhibition of RPE cell sterile inflammatory responses and endotoxin-induced uveitis by a cell-impermeable HSP90 inhibitor** (2011) Qin S, Ni M, Wang X, Maurier-Mah  F, Shurland DL, Rodrigues GA [Exp Eye Res. 2011 Oct 18. \[Epub ahead of print\]](#)

**Matrix Metalloproteinase-28 Deletion Amplifies Inflammatory and Extracellular Matrix Responses to Cardiac Aging** (2011) Ma Y, Chiao YA, Zhang J, Manicone AM, Jin YF, Lindsey ML [Microsc Microanal. 2011 Dec 8:1-10. \[Epub ahead of print\]](#)

**Macrophage-Specific Chemokines Induced via Innate Immunity by Amino Acid Copolymers and Their Role in EAE** (2011) Kovalchin J, Krieger J, Genova M, Kawamoto N, Augustyniak M, Collins K, Bloom T, Masci A, Hittinger T, Dufour I, Strominger JL, Zanelli E [PLoS ONE 6\(12\): e26274](#)

**Efficacy and safety of lanthanoids as X-ray contrast agents** (2011) Pietsch H, Jost G, Frenzel T, Raschke M, Walter J, Schirmer H, H tter J, Sieber MA [Eur J Radiol. 2011 Nov;80\(2\):349-56](#)

**Multi-Modal Proteomic Analysis of Retinal Protein Expression Alterations in a Rat Model of Diabetic Retinopathy** (2011) VanGuilder HD, Bixler GV, Kutzler L, Brucklacher RM, Bronson SK, Kimball SR, Freeman WM [PLoS ONE 6: e16271.](#)

**Blood Profile of Proteins and Steroid Hormones Predicts Weight Change after Weight Loss with Interactions of Dietary Protein Level and Glycemic Index** (2011) Wang P, Holst C, Andersen MR, Astrup A, Bouwman FG, van Otterdijk S, Wodzig WKWH, van Baak MA, Larsen TM, Jebb SA, Kafatos A, Pfeiffer AFH, Martinez JA, Handjieva-Darlenska T, Kunesova M, Saris WHM, Mariman ECM [PLoS ONE 6: e16773.](#)

**Features of sepsis caused by pulmonary infection with Francisella tularensis Type A strain** (2011) Sharma J, Mares CA, Li Q, Morris EG, Teale JM [Microb Pathog. 2011 Jul-Aug;51\(1-2\):39-47](#)

**Multiplexed Immunoassay Panel Identifies Novel CSF Biomarkers for Alzheimer's Disease Diagnosis and Prognosis** (2011) Craig-Schapiro R, Kuhn M, Xiong C, Pickering EH, Liu J, Misko TP, Perrin RJ, Bales KR, Soares H, Fagan AM, Holtzman DM [PLoS One. 2011 Apr 19;6\(4\):e18850](#)

**Impaired resolution of inflammatory response in the lungs of JF1/Msf mice following carbon nanoparticle instillation** (2011) Ganguly K, Upadhyay S, Irmeler M, Takenaka S, Pukelsheim K, Beckers J, De Angelis MH, Hamelmann E, Stoeger T, Schulz H [Respir](#)

## Bibliography

[Res. Jul 15;12\(1\):94](#)

**Host-derived osteopontin maintains an acute inflammatory response to suppress early progression of extrinsic cancer cells** (2011) Hsieh YH, Juliana MM, Ho KJ, Kuo HC, van der Heyde H, Elmets C, Chang PL [Int J Cancer. 2011 Aug 8. doi: 10.1002/ijc.26359.](#) [\[Epub ahead of print\]](#)

**Building an integrated neurodegenerative disease database at an academic health center** (2011) Xie SX, Baek Y, Grossman M, Arnold SE, Karlawish J, Siderowf A, Hurtig H, Elman L, McCluskey L, Van Deerlin V, Lee VM, Trojanowski JQ [Alzheimers Dement. 2011 Jul;7\(4\):e84-e93](#)

**Proteomic changes induced by anaesthesia and muscle relaxant treatment prior to electroconvulsive therapy** (2011) Stelzhammer V, Rothermundt M, Guest PC, Michael N, Sondermann C, Kluge W, Martins-de-Souza D, Rahmoune H, Bahn S [Proteomics Clin Appl. 2011 Oct 17.](#)

**Serum markers associated with clinical improvement in patients with ankylosing spondylitis treated with golimumab** (2011) Wagner C, Visvanathan S, Braun J, van der Heijde D, Deodhar A, Hsu B, Mack M, Elashoff M, Inman RD [Ann Rheum Dis. 2011 Oct 28.](#) [\[Epub ahead of print\]](#)

**Biomarker analysis of Morquio syndrome: Identification of disease state and drug responsive markers** (2011) Martell L, Lau K, Mei M, Burnett V, Decker C, Foehr ED [Orphanet Journal of Rare Diseases 2011. 6:84](#)

**The role of attenuated astrocyte activation in infantile neuronal ceroid lipofuscinosis** (2011) Macauley SL, Pekny M, Sands MS [J Neurosci. 2011 Oct 26;31\(43\):15575-85](#)

**Pathogenesis and Host Response in Syrian Hamsters following Intranasal Infection with Andes Virus** (2011) Safronetz D, Zivcec M, LaCasse R, Feldmann F, Rosenke R, Long D, Haddock E, Brining D, Gardner D, Feldmann H, Ebihara H [PLoS Pathog 7\(12\): e1002426](#)

**Effects of Echinaforce® treatment on ex vivo-stimulated blood cells** (2011) Ritchie MR, Gertsch J, Klein P, Schoop R [Phytomedicine. 2011 Jul 15;18\(10\):826-31](#)

**Evidence for an antagonist form of the chemokine CXCL10 in patients chronically infected with HCV** (2011) Casrouge A, Decalf J, Ahloulay M, Lababidi C, Mansour H, Vallet-Pichard A, Mallet V, Mottez E, Mapes J, Fontanet A, Pol S, Albert ML [J Clin Invest. 121: 308-317.](#)

**Performance evaluation of a multiplex assay for future use in biomarker discovery efforts to predict body composition** (2011) Bea JW, Wright NC, Thompson P, Hu C, Guerra S, Chen Z [Clin Chem Lab Med. 2011 Mar 2. \[Epub ahead of print\]](#)

**Depression and Brain-Derived Neurotrophic Factor Levels in Alzheimer's Disease** (2011) Hall JR, Bryant SE, Johnson L, Barber RC [Neuroscience & Medicine. 2, 43-47](#)

**Molecular indicators of non-sentinel node status in breast cancer determined in preoperative biopsies by multiplexed sandwich immunoassays** (2011) Sauer G, Schneiderhan-Marra N, Muche R, Koretz K, Kazmaier C, Kreienberg R, Joos T, Deissler H [J Cancer Res Clin Oncol. 2011 Apr 24. \[Epub ahead of print\]](#)

**Early improvement on antipsychotic treatment as a predictor of subsequent response in schizophrenia: analyses from ziprasidone clinical studies** (2011) O'Gorman C, Kapur S, Kolluri S, Kane J [Hum Psychopharmacol. 2011 Jun 2. \[Epub ahead of print\]](#)

**Efficient Colonization and Therapy of Human Hepatocellular Carcinoma (HCC) Using the Oncolytic Vaccinia Virus Strain GLV-1h68** (2011) Gentschev I, Müller M, Adelfinger M, Weibel S, Grummt F, Zimmermann M, Bitzer M, Heisig M, Zhang Q, Yu YA, Chen NG, Stritzker J, Lauer UM, Szalay AA [PLoS ONE 6\(7\): e22069](#)

## Bibliography

**A role for IL-27 in limiting T regulatory cell populations** (2011) Wojno ED, Hosken N, Stumhofer JS, O'Hara AC, Mauldin E, Fang Q, Turka LA, Levin SD, Hunter CA [J Immunol. 2011 Jul 1;187\(1\):266-73](#)

**TGF- $\beta$ 2 treatment enhances cytoprotective factors released from embryonic stem cells and inhibits apoptosis in infarcted myocardium** (2011) Singla DK, Singla RD, Lamm S, Glass C [Am J Physiol Heart Circ Physiol. 2011 Apr;300\(4\):H1442-50](#)

**Identification of a blood-based biological signature in subjects with psychiatric disorders** (2011) Schwarz E, Guest PC, Rahmoune H, Martins-de-Souza D, Niebuhr DW, Weber NS, Cowan DN, Yolken RH, Spain M, Barnes A, Bahn S [World J Biol Psychiatry. 2012 Dec;13\(8\):627-32](#)

**Mycobacteria activate gamma delta T-cell anti-tumour responses via cytokines from type 1 myeloid dendritic cells: a mechanism of action for cancer immunotherapy** (2011) Fowler DW, Copier J, Wilson N, Dalgleish AG, Bodman-Smith MD [Cancer Immunol Immunother. 2011 Oct 15. \[Epub ahead of print\]](#)

**Cox-2 expression, PGE2 and cytokines production are inhibited by endogenously synthesized n-3 PUFAs in inflamed colon of fat-1 mice** (2011) Gravaghi C, La Perle KM, Ogrodzki P, Kang JX, Quimby F, Lipkin M, Lamprecht SA [J Nutr Biochem. 2011 Apr;22\(4\):360-5](#)

---

**Plasma epidermal growth factor levels predict cognitive decline in Parkinson disease** (2010) Chen-Plotkin AS, Hu WT, Siderowf A, Weintraub D, Goldmann Gross R, Hurtig HI, Xie SX, Arnold SE, Grossman M, Clark CM, Shaw LM, McCluskey L, Elman L, Van Deerlin VM, Lee VM, Soares H, Trojanowski JQ [Ann Neurol. Nov 29. \[Epub ahead of print\]](#)

**Attenuated Response of Aged Mice to Respiratory Francisella novicida Is Characterized by Reduced Cell Death and Absence of Subsequent Hypercytokinemia** (2010) Mares CA, Sharma J, Ojeda SS, Li Q, Campos JA, Morris EG, Coalson JJ, Teale JM [PLoS ONE 11: e14088.](#)

**Inflammatory and Hemostatic Response to Cardiopulmonary Bypass in Pediatric Population: Feasibility of Seriological Testing of Multiple Biomarkers** (2010) Agirbasli M, Nguyen ML, Win K, Kunselman AR, Clark JB, Myers JL, Undar A [Artif Organs. 34: 987-95.](#)

**Magnetic Resonance Imaging Predictors of Treatment Response in First-Episode Schizophrenia** (2010) Szeszko PR, Narr KL, Phillips OR, McCormack J, Sevy S, Gunduz-Bruce H, Kane JM, Bilder RM, Robinson DG [Schizophr Bull. Nov 17. \[Epub ahead of print\]](#)

**Association of serum markers with improvement in clinical response measures after treatment with golimumab in patients with active rheumatoid arthritis despite receiving methotrexate: results from the GO-FORWARD study** (2010) Visvanathan S, Rahman MU, Keystone E, Genovese M, Klareskog L, Hsia E, Mack M, Buchanan J, Elashoff M, Wagner C [Arthritis Res Ther. 12:R211](#)

**Metabolomics of Prolonged fasting in humans reveals new catabolic markers** (2010) Rubio-Aliaga I, de Roos B, Duthie SJ, Crosley LK, Mayer C, Horgan G, Colquhoun IJ, Le Gall G, Huber F, Kremer W, Rychlik M, Wopereis S, van Ommen B, Schmidt G, Heim C, Bouwman FG, Mariman EC, Mulholland F, Johnson IT, Polley AC, Elliott RM, Daniel H [Metabolomics 11 Nov 2010: online.](#)

**Cardiovascular and inflammatory effects of intratracheally instilled ambient dust from Augsburg, Germany, in spontaneously hypertensive rats (SHRs)** (2010) Upadhyay S, Ganguly K, Stoeger T, Semmler-Bhenke M, Takenaka S, Kreyling WG, Pitz M, Reitmeir P, Peters A, Eickelberg O, Wichmann HE, Schulz H [Part Fibre Toxicol. 7: 27.](#)

**Bevacizumab therapy normalizes the pathological intraocular environment beyond neutralizing VEGF** (2010) Sharma RK, Rogojina AT, Chalam KV [Mol Vi. 16: 2175-2184.](#)

**Safety and efficacy of INCB018424, a JAK1 and JAK2 inhibitor, in myelofibrosis** (2010) Verstovsek S, Kantarjian H, Mesa RA,

## Bibliography

Pardanani AD, Cortes-Franco J, Thomas DA, Estrov Z, Fridman JS, Bradley EC, Erickson-Viitanen S, Vaddi K, Levy R, Tefferi A [N Engl J Med. 363: 1117-27.](#)

**A Semi-Targeted Plasma Proteomics Discovery Workflow Utilizing Two-Stage Protein Depletion and Off-Line LC-MALDI MS/MS** (2010) Juhasz P, Lynch M, Sethuraman M, Campbell J, Hines W, Paniagua M, Song L, Kulkarni M, Adourian A, Guo Y, Li X, Martin S, Gordon N [J Proteome Res. 2010 Oct 11. \[Epub ahead of print\]](#)

**Quantitative Proteomic Plasma Profiling Reveals Activation of Host Defense to Oxidative Stress in Chronic SIV and Methamphetamine Comorbidity** (2010) Pendyala G, Trauger SA, Siuzdak G, Fox HS [AIDS Res Hum Retroviruses 2010 Oct 7. \[Epub ahead of print\]](#)

**Luteinizing hormone, Testosterone and Inhibin B Levels in the Peripubertal Period and Racial/ethnic Differences among Boys Aged 6-11 years: Analyses from NHANES III, 1988-1994** (2010) Lee PA, Gollenberg AL, Hediger ML, Himes JH, Zhang Z, Buck Louis GM [Clin Endocrinol \(Oxf\). 2010 Sep 2](#)

**Results of a phase I study in patients suffering from secondary-progressive multiple sclerosis demonstrating the safety of the amino acid copolymer PI-2301 and a possible induction of an anti-inflammatory cytokine response** (2010) Kovalchin J, Krieger J, Genova M, Collins K, Augustyniak M, Masci A, Hittinger T, Kuca B, Edan G, Braudeau C, Rimbart M, Patel U, Mascioli E, Zanelli E [J Neuroimmunol. 225: 153-63.](#)

**A Serum Protein-Based Algorithm for the Detection of Alzheimer Disease** (2010) O'Bryant SE, Xiao G, Barber R, Reisch J, Doody R, Fairchild T, Adams P, Waring S, Diaz-Arrastia R; for the Texas Alzheimer's Research Consortium [Arch Neurol 67: 1077-1081.](#)

**IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis** (2010) Blumberg H, Dinh H, Dean C Jr, Trueblood ES, Bailey K, Shows D, Bhagavathula N, Aslam MN, Varani J, Towne JE, Sims JE [J Immunol 185:4354-62.](#)

**Sample size and statistical power considerations in high-dimensionality data settings: a comparative study of classification algorithms** (2010) Guo Y, Graber A, McBurney RN, Balasubramanian R [BMC Bioinformatics 11: 447.](#)

**Multiple sclerosis: Identification and clinical evaluation of novel CSF biomarkers** (2010) Ottervald J, FranzÅn B, Nilsson K, Andersson LI, Khademi M, Eriksson B, KjellstrÅm S, Marko-Varga G, VÅgvÅiri A, Harris RA, Laurell T, Miliotis T, Matuszevicius D, Salter H, Ferm M, Olsson T [J Proteomics73: 1117-32.](#)

**Limited Systemic Sclerosis Patients with Pulmonary Arterial Hypertension Show Biomarkers of Inflammation and Vascular Injury** (2010) Pendergrass SA, Hayes E, Farina G, Lemaire R, Farber HW, Whitfield ML, Lafyatis R. [PLoS ONE 5: e12106.](#)

**Lower Respiratory Tract Infection in Cynomolgus Macaques (Macaca fascicularis) Infected with Group A Streptococcus** (2010) Olsen RJ, Ashraf M, Gonulal VE, Ayeras AA, Cantu C, Shea PR, Carroll RK, Humbird T, Greaver JL, Swain JL, Chang E, Ragasa W, Jenkins L, Lally KP, Blasdel T, Cagle P, Musser JM [Microb Pathog 49: 336-47.](#)

**Treatment with apolipoprotein A-1 mimetic peptide reduces lupus-like manifestations in a murine lupus model of accelerated atherosclerosis** (2010) Woo JM, Lin Z, Navab M, Van Dyck C, Trejo-Lopez Y, Woo KM, Li H, Castellani LW, Wang X, Iikuni N, Rullo OJ, Wu H, La Cava A, Fogelman AM, Lusis AJ, Tsao BP [Arthritis Res Ther 12: R93.](#)

**Evidence for Endotoxin Contamination in Plastic Na<sup>+</sup>-Heparin Blood Collection Tube Lots** (2010) Newhall KJ, Diemer GS, Leshinsky N, Kerkof K, Chute HT, Russell CB, Rees W, Welcher AA, Patterson SD, Means GD [Clin Chem 56: 1483-91.](#)

**Biomarker discovery for Alzheimer's disease, frontotemporal lobar degeneration, and Parkinson's disease** (2010) Hu WT, Chen-Plotkin A, Arnold SE, Grossman M, Clark CM, Shaw LM, McCluskey L, Elman L, Karlawish J, Hurtig HI, Siderowf A, Lee VM, Soares H, Trojanowski JQ [Acta Neuropathol 120: 385-99.](#)

**Mice lacking Tbk1 activity exhibit immune cell infiltrates in multiple tissues and increased susceptibility to LPS-induced**



## Bibliography

**lethality** (2010) Marchlik E, Thakker P, Carlson T, Jiang Z, Ryan M, Marusic S, Goutagny N, Kuang W, Askew GR, Roberts V, Benoit S, Zhou T, Ling V, Pfeifer R, Stedman N, Fitzgerald KA, Lin LL, Hall JP [J Leukoc Biol. 88: 1171-80.](#)

**Validation of a Multivariate Serum Profile for Epithelial Ovarian Cancer Using a Prospective Multi-Site Collection** (2010) Sesaiah P, Bertenshaw GP, Chen TH, Bergstrom KJ, Zhao J, Mapes JP, Stephen LL, Amonkar S, McCollum ME, Miller BE, Roman LD, Karlan BY, Chalas E, DiSilvestro PA, Barter JF, Orr Jr JW, Bigsby IV GE, Holloway RW, Alvarez RD, Yip PF, Mansfield BC [Nature Precedings Jul 2010.](#)

**In vivo and in vitro genetic evidence of involvement of neuregulin 1 in immune system dysregulation** (2010) Marballi K, Quinones MP, Jimenez F, Escamilla MA, Raventós H, Soto-Bernardini MC, Ahuja SS, Walss-Bass C [J Mol Med. 88: 1133-41.](#)

**Cholesterol in human atherosclerotic plaque is a marker for underlying disease state and plaque vulnerability** (2010) Chen Z, Ichetovkin M, Kurtz M, Zycband E, Kawka D, Woods J, He X, Plump AS, Hailman E [Lipids Health Dis 11: 61.](#)

**Significant growth inhibition of canine mammary carcinoma xenografts following treatment with oncolytic vaccinia virus GLV-1h68** (2010) Gentshev I, Ehrig K, Donat U, Hess M, Rudolph S, Chen N, Yu YA, Zhang Q, Bullerdiek J, Nolte I, Stritzker J, Szalay AA [J Oncol. 2010:736907. Epub 2010 Jun 23](#)

**Recommendations to qualify biomarker candidates of drug-induced liver injury** (2010) Ozer JS, Chetty R, Kenna G, Koppiker N, Karamjeet P, Li D, Palandra J, Lanevski A, Souberbielle BE, Ramaiah S [Biomark Med 4: 475-483.](#)

**Identification of distinct plasma biomarker signatures in patients with rapid and slow declining forms of COPD** (2010) Devanarayan V, Scholand MB, Hoidal J, Leppert MF, Crackower MA, O'Neill GP, Gervais FG [COPD 7: 51-58.](#)

**Validation of a Blood-Based Laboratory Test to Aid in the Confirmation of a Diagnosis of Schizophrenia** (2010) Schwarz E, Izmailov R, Spain M, Barnes A, Mapes JP, Guest PC, Rahmoune H, Pietsch S, Leweke FM, Rothermundt M, Steiner J, Koethe D, Kranaster L, Ohrmann P, Suslow T, Levin Y, Bogerts B, (JM) van Beveren N, McAllister G, Weber N, Niebuhr D, Cowan D, Yolken RH, Bahn S [Biomark Insights 5: 39-47.](#)

**A panel of urinary biomarkers to monitor reversibility of renal injury and a serum marker with improved potential to assess renal function** (2010) Ozer JS, Dieterle F, Troth S, Perentes E, Cordier A, Verdes P, Staedtler F, Mahl A, Grenet O, Roth DR, Wahl D, Legay F, Holder D, Erdos Z, Vlasakova K, Jin H, Yu Y, Muniappa N, Forest T, Clouse HK, Reynolds S, Bailey WJ, Thudium DT, Topper MJ, Skopek TR, Sina JF, Glaab WE, Vonderscher J, Maurer G, Chibout SD, Sistare FD, Gerhold DL [Nat Biotechnol 28: 444-5.](#)

**How informatics can potentiate precompetitive open-source collaboration to jump-start drug discovery and development** (2010) Perakslis ED, Van Dam J, Szalma S [Clin Pharmacol Ther 87: 614-616.](#)

**Human cytokine response to Texas crotaline envenomation before and after antivenom administration.** (2010) Crocker P, Zad O, Milling T, Maxson T, King B, Whorton E [Am J Emerg Med. 28: 871-9.](#)

**Hypercoagulability, platelet function, inflammation and coronary artery disease acuity: Results of the Thrombotic Risk Progression (TRIP) Study.** (2010) Tantry US, Bliden KP, Suarez TA, Kreutz RP, Dichiaro J, Gurbel PA [Platelets 21: 360-7.](#)

**Systemic levels of G-CSF and interleukin-6 determine the angiogenic potential of bone marrow resident monocytes.** (2010) Gregory AD, Capoccia BJ, Woloszynek JR, Link DC [J Leukoc Biol 88: 123-31.](#)

**Lack of a major role of Staphylococcus aureus Panton-Valentine leukocidin in lower respiratory tract infection in nonhuman primates.** (2010) Olsen RJ, Kobayashi SD, Ayeras AA, Ashraf M, Graves SF, Ragasa W, Humbird T, Greaver JL, Cantu C, Swain JL, Jenkins L, Blasdel T, Cagle PT, Gardner DJ, DeLeo FR, Musser JM [Am J Pathol 176: 1346-1354.](#)

**Identification of targeted analyte clusters for studies of schizophrenia.** (2010) Cheng TM, Lu YE, Guest PC, Rahmoune H, Harris LW, Wang L, Ma D, Stelzhammer V, Umrana Y, Wayland MT, Li P, Bahn S [Mol Cell Proteomics 9: 510-522.](#)

## Bibliography

**Decreased C-Reactive Protein Levels in Alzheimer Disease.** (2010) O'Bryant SE, Waring SC, Hobson V, Hall JR, Moore CB, Bottiglieri T, Massman P, Diaz-Arrastia R [J Geriatr Psychiatry Neurol 23: 49-53.](#)

**Pharmacogenomic and pharmacoproteomic studies of cetuximab in metastatic colorectal cancer: biomarker analysis of a phase I dose-escalation study.** (2010) Taberero J, Cervantes A, Rivera F, Martinelli E, Rojo F, von Heydebreck A, Macarulla T, Rodriguez-Braun E, Eugenia Vega-Villegas M, Senger S, Ramos FJ, Rosell S, Celik I, Stroh C, Baselga J, Ciardiello F [J Clin Oncol 28: 1181-1189.](#)

**A guidance for renal biomarker lead optimization and use in translational pharmacodynamics** (2010) Ozer JS [Drug Discov Today 15: 142-7.](#)

**Insight in modulation of inflammation in response to diclofenac intervention: a human intervention study.** (2010) van Erk MJ, Wopereis S, Rubingh C, van Vliet T, Verheij E, Cnubben NH, Pedersen TL, Newman JW, Smilde AK, van der Greef J, Hendriks HF, van Ommen B [BMC Med Genomics 3: 5.](#)

**The transcriptome of Nrf2<sup>-/-</sup> mice provides evidence for impaired cell cycle progression in the development of cigarette smoke-induced emphysematous changes.** (2010) Gebel S, Diehl S, Pype J, Friedrichs B, Weiler H, SchÄ¼ller J, Xu H, Taguchi K, Yamamoto M, MÄ¼ller T [Toxicol Sci 115: 238-252.](#)

**A phase 2 pilot trial of low-dose, continuous infusion, or "metronomic" paclitaxel and oral celecoxib in patients with metastatic melanoma.** (2010) Bhatt RS, Merchan J, Parker R, Wu HK, Zhang L, Seery V, Heymach JV, Atkins MB, McDermott D, Sukhatme VP [Cancer 116: 1751-1756.](#)

**Quantitative Multiplexed Patterning of Immune-related Biomarkers** (2010) Eisenger D, McDade R, Joos T [Biomarkers in Drug Development: A Handbook of Practice, Application, and Strategy . Ch. 6, p. 121-134](#)

**Plasma Protein Profiling Reveals Protein Clusters Related to BMI and Insulin Levels in Middle-Aged Overweight Subjects** (2010) van Dijk SJ, Feskens EJM, Heidema AG, Bos MB, van de Rest O, Geleijnse JM, de Groot LCPGM, Muller M, Afman LA [PLoS ONE 12: e14422.](#)

**Assessing changes in vascular permeability in a hamster model of viral hemorrhagic fever** (2010) Gowen BB, Julander JG, London NR, Wong MH, Larson D, Morrey JD, Li DY, Bray M [Virology 2010 Sep 16:7:240](#)

**Individual Differences in Hyperlipidemia and Vitamin E Status in Response to Chronic Alcohol Self-Administration in Cynomolgus Monkeys** (2010) Lebold KM, Grant KA, Freeman WM, Wiren KM, Miller GW, Kiley C, Leonard SW, Traber MG [Alcohol Clin Exp Res. 2010 Nov 30. \[Epub ahead of print\]](#)

**Sex-specific serum biomarker patterns in adults with Asperger's syndrome** (2010) Schwarz E, Guest PC, Rahmoune H, Wang L, Levin Y, Ingudomnukul E, Ruta L, Kent L, Spain M, Baron-Cohen S, Bahn S [Mol Psychiatry. 2010 Sep 28. \[Epub ahead of print\]](#)

**Multi analyte profiling and variability of inflammatory markers in blood and induced sputum in patients with stable COPD** (2010) Aaron SD, Vandemheen KL, Ramsay T, Zhang C, Avnur Z, Nikolcheva T, Quinn A [Respir Res. 2010 Apr 22:11:41](#)

**Protein microarrays for personalized medicine** (2010) Yu X, Schneiderhan-Marra N, Joos TO [Clin Chem. 56: 376-87.](#)

**Novel CSF biomarkers for frontotemporal lobar degenerations** (2010) Hu WT, Chen-Plotkin A, Grossman M, Arnold SE, Clark CM, Shaw LM, McCluskey L, Elman L, Hurtig HI, Siderowf A, Lee VM, Soares H, Trojanowski JQ [Neurology 75: 2079-86.](#)

**An Antiinflammatory Dietary Mix Modulates Inflammation and Oxidative and Metabolic Stress in Overweight Men: A Nutrigenomics Approach** (2010) Bakker GC, Van Erk MJ, Pellis L, Wopereis S, Rubingh CM, Cnubben NH, Kooistra T, Van Ommen B, Hendriks HF [The American Journal of Clinical Nutrition](#)

## Bibliography

**Metronomic Gemcitabine Suppresses Tumour Growth, Improves Perfusion, and Reduces Hypoxia in Human Pancreatic Ductal Adenocarcinoma** (2010) Cham KKY, Baker JHE, Takhar KS, Flexman JA, Wong MQ, Owen DA, Yung A, Kozlowski P, Reinsberg SA, Chu EM, Chang CWA, Buczkowski AK, Chung SW, Scudamore CH, Minchinton AI, Yapp DTT, Ng SSW [British Journal of Cancer](#)

**Urinary clusterin, cystatin C, ÅŸ2-microglobulin and total protein as markers to detect drug-induced kidney injury** (2010) Dieterle F, Perentes E, Cordier A, Roth DR, Verdes P, Grenet O, Pantano S, Moulin P, Wahl D, Mahl A, End P, Staedtler F, Legay F, Carl K, Laurie D, Chibout SD, Vonderscher J, Maurer G [Nat Biotechnol 28: 463-469](#).

**Kidney injury molecule-1 outperforms traditional biomarkers of kidney injury in preclinical biomarker qualification studies** (2010) Vaidya VS, Ozer JS, Dieterle F, Collings FB, Ramirez V, Troth S, Muniappa N, Thudium D, Gerhold D, Holder DJ, Bobadilla NA, Marrer E, Perentes E, Cordier A, Vonderscher J, Maurer G, Goering PL, Sistare FD, Bonventre JV [Nat Biotechnol. 28: 478-85](#).

**Peripheral Blood Biomarkers Predict Disease Progression And Mortality In IPF** (2010) Richards TJ, Lindell KO, Klesen M, Kaminski N, Zhang Y, Gibson KF [Am J Respir Crit Care Me 181: A1120](#).

**Novel CSF biomarkers for Alzheimer's disease and mild cognitive impairment** (2010) Hu WT, Chen-Plotkin A, Arnold SE, Grossman M, Clark CM, Shaw LM, Pickering E, Kuhn M, Chen Y, McCluskey L, Elman L, Karlawish J, Hurtig HI, Siderowf A, Lee VM, Soares H, Trojanowski JQ [Acta Neuropathol 119: 669-678](#).

**A Dual-Platform Proteomics Study of Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass.** (2010) Umstead TM, Lu CJ, Freeman WM, Myers JL, Clark JB, Thomas NJ, Chinchilli VM, Vrana KE, Undar A, Phelps DS [Pediatr Res 67: 641-9](#).

**Plasma biomarkers in carbon monoxide poisoning.** (2010) Thom SR, Bhopale VM, Milovanova TM, Hardy KR, Logue CJ, Lambert DS, Troxel AB, Ballard K, Eisinger D [Clin Toxicol \(Phila\) 48: 47-56](#).

**Interleukin-8 Mediates Resistance to Antiangiogenic Agent Sunitinib in Renal Cell Carcinoma.** (2010) Huang D, Ding Y, Zhou M, Rini BI, Petillo D, Qian CN, Kahnoski R, Futreal PA, Furge KA, Teh BT [Cancer Res 70: 1063-1071](#).

**Classification of Alcohol Abuse by Plasma Protein Biomarkers.** (2010) Freeman WM, Salzberg AC, Gonzales SW, Grant KA, Vrana KE [Biol Psychiatry 68: 219-22](#).

**Interleukin-15 enhances proliferation and chemokine secretion of human follicular dendritic cells.** (2010) Gil M, Park SJ, Chung YS, Park CS [Immunology 130: 536-44](#).

**Feasibility of FDG imaging of the coronary arteries: comparison between acute coronary syndrome and stable angina.** (2010) Rogers IS, Nasir K, Figueroa AL, Cury RC, Hoffmann U, Vermynen DA, Brady TJ, Tawakol A [JACC Cardiovasc Imaging 3: 388-397](#).

**Dysregulated macrophage-inflammatory protein-2 expression drives illness in bacterial superinfection of influenza.** (2010) Zavitz CC, Bauer CM, Gaschler GJ, Fraser KM, Strieter RM, Hogaboam CM, Stampfli MR [J Immunol 184: 2001-2013](#).

**Comparative efficacy and safety of aliskiren and irbesartan in patients with hypertension and metabolic syndrome.** (2010) Krone W, Hanefeld M, Meyer HF, Jung T, Bartlett M, Yeh CM, Rajman I, Prescott MF, Dole WP [J Hum Hypertens \[Epub ahead of print\]](#)

**Aged mice display an altered pulmonary host response to Francisella tularensis live vaccine strain (LVS) infections** (2010) Mares CA, Ojeda SS, Li Q, Morris EG, Coalson JJ, Teale JM [Exp Gerontol. 45: 91-6](#).

**Identification of breast cancer biomarkers in transgenic mouse models: a proteomics approach.** (2010) Rodenburg W, Pennings JLA, van Oostrom CTM, Roodbergen M, Kuiper RV, Luijten M, de Vries A [Proteomics Clin Appl. 4: 602-612](#).

## Bibliography

**Plasma protein biomarkers for depression and schizophrenia by multi analyte profiling of case-control collections.** (2010) Domenici E, WillÃ© DR, Tozzi F, Prokopenko I, Miller S, McKeown A, Brittain C, Rujescu D, Giegling I, Turck CW, Holsboer F, Bullmore ET, Middleton L, Merlo-Pich E, Alexander RC, Muglia P [PLoS ONE 5: e9166.](#)

**Defining the optimal biological dose of NGR-hTNF, a selective vascular targeting agent, in advanced solid tumours** (2010) Gregorc V, Citterio G, Vitali G, Spreafico A, Scifo P, Borri A, Donadoni G, Rossoni G, Corti A, Caligaris-Cappio F, Del Maschio A, Esposito A, De Cobelli F, Dell'Acqua F, Troysi A, Bruzzi P, Lambiase A, Bordignon C [Eur J Cancer. 46: 198-206.](#)

**Uromodulin levels associate with a common UMOD variant and risk for incident CKD** (2010) KÄttgen A, Hwang SJ, Larson MG, Van Eyk JE, Fu Q, Benjamin EJ, Dehghan A, Glazer NL, Kao WH, Harris TB, Gudnason V, Shlipak MG, Yang Q, Coresh J, Levy D, Fox CS [J Am Soc Nephrol 21: 337-344.](#)

**Association between lead and cadmium and reproductive hormones in peripubertal U.S. girls** (2010) Lenberg AL, Hediger ML, Lee PA, Himes JH, Louis G [Environ Health Perspect. 2010 Dec;118\(12\):1782-7](#)

**Adipose tissue dysfunction signals progression of hepatic steatosis towards nonalcoholic steatohepatitis in C57BL/6 mice** (2010) Duval C, Thissen U, Keshkar S, Accart B, Stienstra R, Boekschoten MV, Roskams T, Kersten S, MÄller M [Diabetes. 2010 Dec;59\(12\):3181-91](#)

**Synthetic Ligands Against TLR2-9 in TruCulture - whole blood assays distinguish clinical stages of SIRS (trauma) and sepsis** (2010) Bindja J, Weiss ME, Schmolz M, Stein GM, Mapes J, Schneiderhan-Marra N, Joos TO, Schneider EM [TSIS Mar 9-13th](#)

---

**Distinct functions of activated protein C differentially attenuate acute kidney injury** (2009) Gupta A, Gerlitz B, Richardson MA, Bull C, Berg DT, Syed S, Galbreath EJ, Swanson BA, Jones BE, Grinnell BW [J Am Soc Nephrol. 20: 267-77.](#)

**A saturated fatty acid-rich diet induces an obesity-linked proinflammatory gene expression profile in adipose tissue of subjects at risk of metabolic syndrome** (2009) van Dijk SJ, Feskens EJ, Bos MB, Hoelen DW, Heijligenberg R, Bromhaar MG, de Groot LC, de Vries JH, MÄller M, Afman LA [Am J Clin Nutr. 90: 1656-64.](#)

**High content analysis of human fibroblast cell cultures after exposure to space radiation** (2009) Dieriks B, De Vos W, Meesen G, Van Oostveldt K, De Meyer T, Ghardi M, Baatout S, Van Oostveldt P [Radiat Res. 172: 423-36.](#)

**Chronic Treatment with Clenbuterol Modulates Endothelial Progenitor Cells and Circulating Factors in a Murine Model of Cardiomyopathy.** (2009) Rider JE, Polster SP, Lee S, Charles NJ, Adhikari N, Mariash A, Tadros G, Stangland J, Smolenski RT, Terracciano CM, Barton PJR, Birks EJ, Yacoub MH, Miller LW, Hall JL [Journal of Cardiovascular Translational Research 2: 182â190.](#)

**Molecular Analyte Profiling of the Early Events and Tissue Conditioning Following Intravesical Bacillus Calmette-Guerin Therapy in Patients With Superficial Bladder Cancer.** (2009) Bisiaux A, Thiounn N, Timsit MO, Eladaoui A, Chang HH, Mapes J, Mogenet A, Bresson JL, PriÃ© D, BÄchet S, Baron C, Sadorge C, Thomas S, Albert EB, Albert PS, Albert ML [J Urol 181: 1571-1580.](#)

**Bead-based Multiplexed Immunoassays to Identify New Biomarkers in Maternal Serum to Improve First Trimester Down Syndrome Screening.** (2009) Koster MP, Pennings JL, Imholz S, Rodenburg W, Visser GH, de Vries A, Schielen PC [Prenat Diagn 29: 857-862.](#)

**Heart Failure Therapy Mediated by the Trophic Activities of Bone Marrow Mesenchymal Stem Cells: A Non-invasive Therapeutic Regimen.** (2009) Shabbir A, Zisa D, Suzuki G, Lee T [Am J Physiol Heart Circ Physiol 296: H1888-H1897.](#)

**Regression of Human Pancreatic Tumor Xenografts in Mice After a Single Systemic Injection of Recombinant Vaccinia Virus GLV-1h68.** (2009) Yu YA, Galanis C, Woo Y, Chen N, Zhang Q, Fong Y, Szalay AA [Mol Cancer Ther 8: 141-151.](#)

## Bibliography

**Myocardial Oxidative Stress, Osteogenic Phenotype, and Energy Metabolism are Differentially Involved in the Initiation and Early Progression of d-sarcoglycan-null Cardiomyopathy.** (2009) Missihoun C, Zisa D, Shabbir A, Lin H, Lee T [Mol Cell Biochem 321: 45-52.](#)

**CCR5 Expression Levels Influence NFAT Translocation, IL-2 Production, and Subsequent Signaling Events during T Lymphocyte Activation.** (2009) Camargo JF, Quinones MP, Mummidi S, Srinivas S, Gaitan AA, Begum K, Jimenez F, VanCompernelle S, Unutmaz D, Ahuja SS, Ahuja SK [J Immunol 182: 171-182.](#)

**Proteolytic Activity in Wound Fluids and Tissues Derived from Chronic Venous Leg Ulcers** (2009) Moor AN, Vachon DJ, Gould LJ [Wound Repair and Regeneration](#)

**The Association of 83 Plasma Proteins with Chd Mortality, Bmi, Hdl-, and Total-Cholesterol in Men: Applying Multivariate Statistics to Identify Proteins with Prognostic Value and Biological Relevance** (2009) Heidema AG, Thissen U, Boer JMA, Bouwman FG, Feskens EJM, Mariman ECM [Journal of Proteome Research](#)

**Perturbation of mouse retinal vascular morphogenesis by anthrax lethal toxin** (2009) Bromberg-White JL, Boguslawski E, Duesbery NS [PLoS ONE 4: e6956.](#)

**Bacteria challenge in smoke-exposed mice exacerbates inflammation and skews the inflammatory profile** (2009) Gaschler GJ, Skrtic M, Zavitz CC, Lindahl M, Onnervik PO, Murphy TF, Sethi S, Stämpfli MR. [Am J Respir Crit Care Med. 179: 666-75.](#)

**The multiplex bead array approach to identifying serum biomarkers associated with breast cancer** (2009) Kim BK, Lee JW, Park PJ, Shin YS, Lee WY, Lee KA, Ye S, Hyun H, Kang KN, Yeo D, Kim Y, Ohn SY, Noh DY, Kim CW [Breast Cancer Res. 11: R22.](#)

**Brain-derived neurotrophic factor levels in Alzheimer's disease.** (2009) O'Bryant SE, Hobson V, Hall JR, Waring SC, Chan W, Massman P, Lacritz L, Cullum CM, Diaz-Arrastia R; Texas Alzheimer's Research Consortium [J Alzheimers Dis 17: 337-341.](#)

**Immune Activation in Advanced Cancer Patients Treated with Recombinant IL-21: Multianalyte Profiling of Serum Proteins.** (2009) Dodds MG, Frederiksen KS, Skak K, Hansen LT, Lundsgaard D, Thompson JA, Hughes SD [Cancer Immunol Immunother 58: 843-854.](#)

**Genome-Wide mRNA Expression Analysis of Hepatic Adaptation to High-Fat Diets Reveals Switch from an Inflammatory to Steatotic Transcriptional Program.** (2009) Radonjic M, de Haan JR, van Erk MJ, van Dijk KW, van den Berg SA, de Groot PJ, MÅ¼ller M, van Ommen B [PLoS ONE 4: e6646.](#)

**Vaccination with an Attenuated Strain of Francisella novicida Prevents T-Cell Depletion and Protects Mice Infected with the Wild-Type Strain from Severe Sepsis.** (2009) Sharma J, Li Q, Mishra BB, Georges MJ, Teale JM [Infect Immun 77: 4314-4326.](#)

**Atorvastatin Restores Endothelial Function in Offspring of Protein-Restricted Rats in a Cholesterol-Independent Manner.** (2009) Torrens C, Kelsall CJ, Hopkins LA, Anthony FW, Curzen NP, Hanson MA [Hypertension 53: 661-667.](#)

**The Liver Toxicity Biomarker Study: Phase I Design and Preliminary Results.** (2009) McBurney RN, Hines WM, Von Tungeln LS, Schnackenberg LK, Beger RD, Moland CL, Han T, Fuscoe JC, Chang CW, Chen JJ, Su Z, Fan XH, Tong W, Booth SA, Balasubramanian R, Courchesne PL, Campbell JM, Graber A, Guo Y, Juhasz PJ, Li TY, Lynch MD, Morel NM, Plasterer TN, Takach EJ, Zeng C, Beland FA [Toxicol Pathol 37: 52-64.](#)

**Development and Preliminary Evaluation of a Multivariate Index Assay for Ovarian Cancer.** (2009) Amonkar SD, Bertenshaw GP, Chen TH, Bergstrom KJ, Zhao J, Sessaiah P, Yip P, Mansfield BC [PLoS ONE 4: e4599.](#)

**Pathway focused protein profiling indicates differential function for IL-1B, -18 and VEGF during initiation and resolution of lung inflammation evoked by carbon nanoparticle exposure in mice** (2009) Ganguly K, Upadhyay S, Irmeler M, Takenaka S,



## Bibliography

Pukelsheim K, Beckers J, Hamelmann E, Schulz H, Stoeger T [Part Fibre Toxicol. 6: 31.](#)

**Western-style diets induce oxidative stress and dysregulate immune responses in the colon in a mouse model of sporadic colon cancer** (2009) Erdelyi I, Levenkova N, Lin EY, Pinto JT, Lipkin M, Quimby FW, Holt PR [J Nutr. 139: 2072-8.](#)

**Identifying early markers of Alzheimer's disease using quantitative multiplex proteomic immunoassay panels** (2009) Soares HD, Chen Y, Sabbagh M, Roher A, Schrijvers E, Breteler M [Ann N Y Acad Sci. 1180 :56-67.](#)

**A Novel ENU-induced Mutation, Peewee, Causes Dwarfism in the Mouse.** (2009) Lee B, Kano K, Young J, John SW, Nishina PM, Naggert JK, Naito K [Mamm Genome 20: 404-413.](#)

**A Multianalyte Profile of Serum Proteins to Screen for Toxicological Effects of Anticholinesterase Insecticides in the Rat.** (2009) Gordon CJ, Ward WO [Neurotoxicology 30: 377-381.](#)

**RIP4 Regulates Epidermal Differentiation and Cutaneous Inflammation.** (2009) Rountree RB, Willis CR, Dinh H, Blumberg H, Bailey K, Dean C Jr, Peschon JJ, Holland PM [J Invest Dermatol 130: 102-112.](#)

**Lethal Pulmonary Infection with Francisella Novicida is Associated with Severe Sepsis.** (2009) Sharma J, Li Q, Mishra BB, Pena C, Teale JM [J Leukoc Biol 86: 491-504.](#)

**The involvement of pro-inflammatory cytokines in nephrogenic systemic fibrosis - a mechanistic hypothesis based on preclinical results from a rat model treated with gadodiamide.** (2009) Steger-Hartmann T, Raschke M, Riefke B, Pietsch H, Sieber MA, Walter J [Exp Toxicol Pathol 61: 537-552.](#)

**The Link Between Heightened Thrombogenicity and Inflammation: Pre-Procedure Characterization of the Patient at High Risk for Recurrent Events After Stenting.** (2009) Gurbel PA, Bliden KP, Kreutz RP, Dichiara J, Antonino MJ, Tantry US [Platelets 20: 97-104.](#)

**RelB is differentially regulated by I $\kappa$ B Kinase- $\alpha$  in B cells and mouse lung by cigarette smoke** (2009) Yang SR, Yao H, Rajendrasozhan S, Chung S, Edirisinghe I, Valvo S, Fromm G, McCabe MJ Jr, Sime PJ, Phipps RP, Li JD, Bulger M, Rahman I [Am J Respir Cell Mol Biol 40: 147-158.](#)

**Pleural effects of indium phosphide in B6C3F1 mice: nonfibrous particulate induced pleural fibrosis** (2009) Kirby PJ, Shines CJ, Taylor GJ, Bousquet RW, Price HC, Everitt JI, Morgan DL [Exp Lung Res. 2009 Dec;35\(10\):858-82](#)

**Heterosubtypic anti-avian H5N1 influenza antibodies in intravenous immunoglobulins from globally separate populations protect against H5N1 infection in cell culture** (2009) Sullivan JS, Selleck PW, Downton T, Boehm I, Axell AM, Ayob Y, Kapitzka NM, Dyer W, Fitzgerald A, Walsh B, Lynch GW [J Mol Genet Med 3: 217-224.](#)

**Value of new biomarkers for safety testing in drug development** (2009) Hewitt P and Herget T [Expert Rev Mol Diagn.9: 531-6.](#)

**Analysis of Renal Biomarkers in Samples of Rat Urine Samples Frozen for 44 months From a Study on Puromycin Amino Nucleoside (PAN)** (2009) Perron MF, Burnett R, Reiniche A, Briffaux JP, Eisinger D, KÅ¼sters S and Mapes J [Toxicology Letters Volume 189, Supplement 1, S159](#)

**Growth Characteristics of the Nonhuman Primate Embryonic Stem Cell Line Cjes001 Depending on Feeder Cell Treatment.** (2009) Fleischmann G, MÅ¼ller T, Blasczyk R, Sasaki E, Horn PA [Cloning Stem Cells 11: 225-233.](#)

**Matrix metalloproteinases during and outside of migraine attacks without aura.** (2009) Ashina M, Tvedskov JF, Lipka K, Bilello J, Penkowa M, Olesen J [Cephalalgia 30: 303-310.](#)

## Bibliography

**Strain-Dependent Increases in Retinal Inflammatory Proteins and Photoreceptor FGF-2 Expression in Streptozotocin-Induced Diabetic Rats.** (2009) Kirwin SJ, Kanaly ST, Linke NA, Edelman JL [Invest Ophthalmol Vis Sci 50: 5396-5404.](#)

**Muscular Dystrophy Therapy by Nonautologous Mesenchymal Stem Cells: Muscle Regeneration Without Immunosuppression and Inflammation.** (2009) Shabbir A, Zisa D, Leiker M, Johnston C, Lin H, Lee T [Transplantation 87: 1275-1282.](#)

**Metabolic and Neuroendocrine Responses to RXFP3 Modulation in the Central Nervous System.** (2009) Sutton SW, Shelton J, Smith C, Williams J, Yun S, Motley T, Kuei C, Bonaventure P, Gundlach A, Liu C, Lovenberg T [Ann N Y Acad Sci 1160: 242-249.](#)

**Multiplex Immunoassay Analysis of Biomarkers in Clinically Accessible Quantities of Human Aqueous Humor.** (2009) Sharma RK, Rogojina AT, Chalam KV [Mol Vis 15: 60-69.](#)

**Molecular Response to Cetuximab and Efficacy of Preoperative Cetuximab-Based Chemoradiation in Rectal Cancer.** (2009) Debucquoy A, Haustermans K, Daemen A, Aydin S, Libbrecht L, Gevaert O, De Moor B, Tejpar S, McBride WH, Penninckx F, Scalliet P, Stroh C, Vlassak S, Sempoux C, Machiels JP [J Clin Oncol 27: 2751-2757.](#)

---

**Biomarker Sample Collection and Handling in the Clinical Setting to Support Early-Phase Drug Development** (2008) Russell CB, Suggs S, Patterson SD [Methods in Pharmacology and Toxicology: Biomarker Methods in Drug Discovery and Development](#)

**Multianalyte profiling of serum antigens and autoimmune and infectious disease molecules to identify biomarkers dysregulated in epithelial ovarian cancer.** (2008) Bertenshaw GP, Yip P, Seshalaiah P, Zhao J, Chen TH, Wiggins WS, Mapes JP, Mansfield BC [Cancer Epidemiol Biomarkers Prev 17: 2872-81.](#)

**Combined analysis of monocyte and lymphocyte messenger RNA expression with serum protein profiles in patients with scleroderma.** (2008) Duan H, Fleming J, Pritchard DK, Amon LM, Xue J, Arnett HA, Chen G, Breen P, Buckner JH, Molitor JA, Elkon KB, Schwartz SM [Arthritis Rheum 58: 1465-1474.](#)

**Serum biomarkers in a mouse model of bacterial-induced inflammatory bowel disease.** (2008) Torrence AE, Brabb T, Viney JL, Bielefeldt-Ohmann H, Treuting P, Seamons A, Drivdahl R, Zeng W, Maggio-Price L [Inflamm Bowel Dis 14: 480-490.](#)

**Identification of transforming growth factor beta1-driven genetic programs of acute lung fibrosis.** (2008) Pulichino AM, Wang IM, Caron A, Mortimer J, Auger A, Boie Y, Elias JA, Kartono A, Xu L, Menetski J, Sayegh CE [Am J Respir Cell Mol Biol 39: 324-36.](#)

**Circulating Markers Reflect Both Anti- and Pro-Atherogenic Drug Effects in ApoE-Deficient Mice.** (2008) Liao B, McCall E, Cox K, Lee CW, Huang S, Higgs RE, Chio LC, Zhen E, Hale JE, Jackson NK, Rutherford PG, Huang XD, Gifford-Moore D, Hui K, Duffin K, Gould KE, Rekhter M [Biomark Insights 3: 147-157.](#)

**Two distinct activation states of plasmacytoid dendritic cells induced by influenza virus and CpG 1826 oligonucleotide.** (2008) Iparraguirre A, Tobias JW, Hensley SE, Masek KS, Cavanagh LL, Rendl M, Hunter CA, Ertl HC, von Andrian UH, Weninger W [J Leukoc Biol 83: 610-620.](#)

**TGF-beta signalling-related markers in cancer patients with bone metastasis.** (2008) Baselga J, Rothenberg ML, Tabernero J, Seoane J, Daly T, Cleverly A, Berry B, Rhoades SK, Ray CA, Fill J, Farrington DL, Wallace LA, Yingling JM, Lahn M, Arteaga C, Carducci M [Biomarkers 13: 217-236.](#)

**Ionizing radiation-induced gene modulations, cytokine content changes and telomere shortening in mouse fetuses exhibiting forelimb defects.** (2008) Derradji H, Bekaert S, De Meyer T, Jacquet P, Abou-El-Ardat K, Ghardi M, Arlette M, Baatout S [Dev Biol 322: 302-313.](#)

## Bibliography

**A mouse to human search for plasma proteome changes associated with pancreatic tumor development.** (2008) Faca VM, Song KS, Wang H, Zhang Q, Krasnoselsky AL, Newcomb LF, Plentz RR, Gurumurthy S, Redston MS, Pitteri SJ, Pereira-Faca SR, Ireton RC, Katayama H, Glukhova V, Phanstiel D, Brenner DE, Anderson MA, Misek D, Scholler N, Urban ND, Barnett MJ, Edelstein C, Goodman GE, Thornquist MD, McIntosh MW, DePinho RA, Bardeesy N, Hanash SM [PLoS Med 5: e123](#).

**Fibroblast growth factor 21 corrects obesity in mice.** (2008) Coskun T, Bina HA, Schneider MA, Dunbar JD, Hu CC, Chen Y, Moller DE, Kharitonov A [Endocrinology 149: 6018-6027](#).

**Enzastaurin, an oral serine/threonine kinase inhibitor, as second- or third-line therapy of non-small-cell lung cancer.** (2008) Oh Y, Herbst RS, Burris H, Cleverly A, Musib L, Lahn M, Bepler G [J Clin Oncol 26: 1135-1141](#).

**Biomarker analysis by fluorokine multianalyte profiling distinguishes patients requiring intervention from patients with long-term quiescent coronary artery disease: a potential approach to identify atherosclerotic disease progression.** (2008) Gurbel PA, Kreutz RP, Bliden KP, DiChiara J, Tantry US [Am Heart J 155: 56-61](#).

**Tissue distribution and toxicity of intravenously administered titanium dioxide nanoparticles in rats.** (2008) Fabian E, Landsiedel R, Ma-Hock L, Wiench K, Wohlleben W, van Ravenzwaay B [Arch Toxicol 82: 151-157](#).

**Rapid microglial response around amyloid pathology after systemic anti-Abeta antibody administration in PDAPP mice.** (2008) Koenigsnecht-Talboo J, Meyer-Luehmann M, Parsadanian M, Garcia-Alloza M, Finn MB, Hyman BT, Bacskai BJ, Holtzman DM [J Neurosci 28: 14156-14164](#).

**Notch-deficient skin induces a lethal systemic B-lymphoproliferative disorder by secreting TSLP, a sentinel for epidermal integrity.** (2008) Demehri S, Liu Z, Lee J, Lin MH, Crosby SD, Roberts CJ, Grigsby PW, Miner JH, Farr AG, Kopan R [PLoS Biol 6: e123](#).

**IL-33 amplifies both Th1- and Th2-type responses through its activity on human basophils, allergen-reactive Th2 cells, iNKT and NK cells.** (2008) Smithgall MD, Comeau MR, Yoon BR, Kaufman D, Armitage R, Smith DE [Int Immunol 20: 1019-1030](#).

**Treatment of sepsis-induced acquired protein C deficiency reverses Angiotensin-converting enzyme-2 inhibition and decreases pulmonary inflammatory response.** (2008) Richardson MA, Gupta A, O'Brien LA, Berg DT, Gerlitz B, Syed S, Sharma GR, Cramer MS, Heuer JG, Galbreath EJ, Grinnell BW [J Pharmacol Exp Ther 325: 17-26](#).

**Dexamethasone inhibits high glucose-, TNF-alpha-, and IL-1beta-induced secretion of inflammatory and angiogenic mediators from retinal microvascular pericytes.** (2008) Nehm A, Edelman J [Invest Ophthalmol Vis Sci 49: 2030-2038](#).

**Biomarker profiles in serum and saliva of experimental Sjögren's syndrome: associations with specific autoimmune manifestations.** (2008) Delaleu N, Immervoll H, Cornelius J, Jonsson R [Arthritis Res Ther 10: R22](#).

**Antiinflammatory and antiatherogenic effects of the NF-kappaB inhibitor acetyl-11-keto-beta-boswellic acid in LPS-challenged ApoE-/- mice.** (2008) Cuaz-Palmerin C, Billiet L, Baugé E, Copin C, Scott-Algara D, Genze F, Bachevalier B, Syrovets T, Simmet T, Rouis M [Arterioscler Thromb Vasc Biol 28: 272-277](#).

**Tissue plasminogen activator (tPA) and matrix metalloproteinases in the pathogenesis of stroke: therapeutic strategies** (2008) Adibhatla RM, Hatcher JF [CNS Neurol Disord Drug Targets. 2008 Jun;7\(3\):243-53](#)

**"Host Tissue Damage" Signal ATP Impairs IL-12 and IFN-gamma Secretion in LPS Stimulated Whole Human Blood.** (2008) Nalos M, Huang S, Sluyter R, Khan A, Santner-Nanan B, Nanan R, McLean AS [Intensive Care Med 34: 1891-1897](#).

**Mechanisms of oncostatin M-induced pulmonary inflammation and fibrosis.** (2008) Mozaffarian A, Brewer AW, Trueblood ES, Luzina IG, Todd NW, Atamas SP, Arnett HA [J Immunol 181: 7243-7253](#).

## Bibliography

**Mitogen-activated protein kinase signaling promotes growth and vascularization of fibrosarcoma.** (2008) Ding Y, Boguslawski EA, Berghuis BD, Young JJ, Zhang Z, Hardy K, Furge K, Kort E, Frankel AE, Hay RV, Resau JH, Duesbery NS [Mol Cancer Ther 7: 648-658.](#)

**MCP-1-deficient mice show reduced neuroinflammatory responses and increased peripheral inflammatory responses to peripheral endotoxin insult.** (2008) Thompson WL, Karpus WJ, Van Eldik LJ [J Neuroinflammation 5: 35.](#)

**Inhibition of integrin alpha(v)beta6, an activator of latent transforming growth factor-beta, prevents radiation-induced lung fibrosis.** (2008) Puthawala K, Hadjiangelis N, Jacoby SC, Bayongan E, Zhao Z, Yang Z, Devitt ML, Horan GS, Weinreb PH, Lukashev ME, Violette SM, Grant KS, Colarossi C, Formenti SC, Munger JS [Am J Respir Crit Care Med 177: 82-90.](#)

**Initial delay in the immune response to Francisella tularensis is followed by hypercytokinemia characteristic of severe sepsis and correlating with upregulation and release of damage-associated molecular patterns.** (2008) Mares CA, Ojeda SS, Morris EG, Li Q, Teale JM [Infect Immun 76: 3001-3010.](#)

**Endothelial activation markers in anemic non-dialysis chronic kidney disease patients.** (2008) Patel TV, Mittal BV, Keithi-Reddy SR, Duffield JS, Singh AK [Nephron Clin Pract 110: c244-250.](#)

**Inhibition of experimental Sjögren's syndrome through immunization with HSP60 and its peptide amino acids 437-460** (2008) Delaleu N, Madureira AC, Immervoll H, Jonsson R [Arthritis Rheum. Aug;58\(8\):2318-28](#)

**alpha causes chromatin modification on pro-inflammatory genes by cigarette smoke in mouse lung** (2008) Yang SR, Valvo S, Yao H, Kode A, Rajendrasozhan S, Edirisinghe I, Caito S, Adenuga D, Henry R, Fromm G, Maggirwar S, Li JD, Bulger M, Rahman I. [Am J Respir Cell Mol Biol. 2008 Jun;38\(6\):689-98](#)

---

**Sirtuin regulates cigarette smoke-induced proinflammatory mediator release via RelA/p65 NF-kappaB in macrophages in vitro and in rat lungs in vivo: implications for chronic inflammation and aging.** (2007) Yang SR, Wright J, Bauter M, Seweryniak K, Kode A, Rahman I [Am J Physiol Lung Cell Mol Physiol 292: L567-L576.](#)

**Activated protein C ameliorates LPS-induced acute kidney injury and downregulates renal INOS and angiotensin 2.** (2007) Gupta A, Rhodes GJ, Berg DT, Gerlitz B, Molitoris BA, Grinnell BW [Am J Physiol Renal Physiol 293: F245-F254.](#)

**Lysosomal dysfunction results in altered energy balance.** (2007) Woloszynek JC, Coleman T, Semenkovich CF, Sands MS [J Biol Chem 282: 35765-35771.](#)

**Multi-Analyte Profiling of Post-Myocardial Infarction Plasma Samples.** (2007) Escobar GP and Lindsey ML [FASEB J. 21: 746.11.](#)

**Interleukins 27 and 6 induce STAT3-mediated T cell production of interleukin 10.** (2007) Stumhofer JS, Silver JS, Laurence A, Porrett PM, Harris TH, Turka LA, Ernst M, Saris CJ, O'Shea JJ, Hunter CA [Nat Immunol 8: 1363-1371.](#)

**Neighboring adipocytes participate in the bone marrow microenvironment of multiple myeloma cells.** (2007) Caers J, Deleu S, Belaid Z, De Raeve H, Van Valckenborgh E, De Bruyne E, Defresne MP, Van Riet I, Van Camp B, Vanderkerken K [Leukemia 21: 1580-1584.](#)

**Eotaxin-1/CC chemokine ligand 11: a novel eosinophil survival factor secreted by human pulmonary artery endothelial cells** (2007) Farahi N, Cowburn AS, Upton PD, Deighton J, Sobolewski A, Gherardi E, Morrell NW, Chilvers ER [J Immunol. 2007 Jul 15;179\(2\):1264-73](#)

## Bibliography

**Signal transducer and activator of transcription 3 signaling within hepatocytes attenuates systemic inflammatory response and lethality in septic mice.** (2007) Sakamori R, Takehara T, Ohnishi C, Tatsumi T, Ohkawa K, Takeda K, Akira S, Hayashi N [Hepatology 46: 1564-1573.](#)

**Opposing activities of two novel members of the IL-1 ligand family regulate skin inflammation.** (2007) Blumberg H, Dinh H, Trueblood ES, Pretorius J, Kugler D, Weng N, Kanaly ST, Towne JE, Willis CR, Kuechle MK, Sims JE, Peschon JJ [J Exp Med 204: 2603-2614.](#)

**Pulmonary delivery of adenovirus vector formulated with dexamethasone-spermine facilitates homologous vector re-administration.** (2007) Price AR, Limberis MP, Wilson JM, Diamond SL [Gene Ther 14: 1594-1604.](#)

**Femoral artery neointimal hyperplasia is reduced after wire injury in Ref-1+/- mice.** (2007) Basi DL, Adhikari N, Mariash A, Li Q, Kao E, Mullegama SV, Hall JL [Am J Physiol Heart Circ Physiol 292: H516-H521.](#)

**Phase I study of eptifibatid in patients with sickle cell anaemia.** (2007) Lee SP, Ataga KI, Zayed M, Manganello JM, Orringer EP, Phillips DR, Parise LV [Br J Haematol 139: 612-620.](#)

**The metabolic state of diabetic monkeys is regulated by fibroblast growth factor-21.** (2007) Kharitonov A, Wroblewski VJ, Koester A, Chen YF, Clutinger CK, Tigno XT, Hansen BC, Shanafelt AB, Etgen GJ [Endocrinology 148: 774-81.](#)

**Role of protein C in renal dysfunction after polymicrobial sepsis** (2007) Gupta A, Berg DT, Gerlitz B, Sharma GR, Syed S, Richardson MA, Sandusky G, Heuer JG, Galbreath EJ, Grinnell BW [J Am Soc Nephrol. 2007 Mar;18\(3\):860-7](#)

**The Protective Effect of the Blood Brain Barrier from Systemic Cytokines in an Animal Femur Fracture Model.** (2007) Ott M, Davis AT, Vanderkolk W, Resau JH, Deheer DH, Jones CB, Stouffer C, Kubek EW [J Trauma 63: 591-595.](#)

**Modeled gravitational unloading induced downregulation of endothelin-1 in human endothelial cells.** (2007) Infanger M, Ulbrich C, Baatout S, Wehland M, Kreutz R, Bauer J, Grosse J, Vadrucci S, Cogoli A, Derradji H, Neefs M, KÅ¼sters S, Spain M, Paul M, Grimm D [J Cell Biochem 101: 1439-1455.](#)

---

**Using genetically engineered mouse models of cancer to aid drug development: an industry perspective.** (2006) Singh M, Johnson L [Clin Cancer Res 12: 5312-5328.](#)

**Characterization of the Inflammatory Response to a Highly Selective PDE4 Inhibitor in the Rat and the Identification of Biomarkers that Correlate with Toxicity.** (2006) Dietsch GN, Dipalma CR, Eyre RJ, Pham TQ, Poole KM, Pefaur NB, Welch WD, Trueblood E, Kerns WD, Kanaly ST [Toxicol Pathol 34: 39-51.](#)

**Fumaric acid esters are effective in chronic experimental autoimmune encephalomyelitis and suppress macrophage infiltration.** (2006) Schilling S, Goelz S, Linker R, Luehder F, Gold R [Clin Exp Immunol 145: 101-117.](#)

**Strain differences influence murine pulmonary responses to Stachybotrys chartarum.** (2006) Rosenblum Lichtenstein JH, Molina RM, Donaghey TC, Brain JD [Am J Respir Cell Mol Biol 35: 415-423.](#)

**Effects of the incubation in vitro with sorbents on serum proteomic pattern and cytokine concentration in cancer patients during chemotherapy--preliminary results.** (2006) Piccolomini F, LouWratten M, Sereni L, Balestreri E, Donadio E, Felicioli A, Felicioli R, Donadio C [Biomed Pharmacother 60: 463-467.](#)



## Bibliography

**TWEAK is a novel arthritogenic mediator.** (2006) Perper SJ, Browning B, Burkly LC, Weng S, Gao C, Giza K, Su L, Tarilonte L, Crowell T, Rajman L, Runkel L, Scott M, Atkins GJ, Findlay DM, Zheng TS, Hess H [J Immunol 177: 2610-2620.](#)

**Cutting edge: interleukin 17 signals through a heteromeric receptor complex.** (2006) Toy D, Kugler D, Wolfson M, Vanden Bos T, Gurgel J, Derry J, Tocker J, Peschon J [J Immunol 177: 36-39.](#)

**Effects of cidofovir treatment on cytokine induction in murine models of cowpox and vaccinia virus infection.** (2006) Knorr CW, Allen SD, Torres AR, Smee DF [Antiviral Res 72: 125-133.](#)

**A Phase II Pilot Trial of Low Dose, Continuous Infusion, or "Metronomic", Paclitaxel and Oral Celecoxib in Patients with Metastatic Melanoma** (2006) McDermott DF, Cho DC, Merchan JR, Bhatt RS, Seery V, Mosher JL, Farquhar MB, Mier JW, Atkins MB, Sukhatme VP [Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I, 24\(18S\)](#)

**Effects of hyperglycemia and insulin therapy on outcome in a hyperglycemic septic model of critical illness.** (2006) Heuer JG, Sharma GR, Zhang T, Ding C, Bailey DL, Stephens EJ, Holmes KC, Grubbs RL, Fynboe KA, Chen YF, Jakubowski JA [J Trauma 60: 865-872.](#)

**Testing the Viability of Stored Frozen Serum Samples from the Air Force Health Study Using Human Multi-Analyte Profiles (MAPS)** (2006) Fox K, Pavuk M [Organohalogen Compounds, 2006 68: 1390-1393](#)

**Murine embryonic stem cells secrete cytokines/growth modulators that enhance cell survival/anti-apoptosis and stimulate colony formation of murine hematopoietic progenitor cells.** (2006) Guo Y, Graham-Evans B, Broxmeyer HE [Stem Cells 24: 850-856.](#)

---

**Hypoxia-induced neutrophil survival is mediated by HIF-1alpha-dependent NF-kappaB activity.** (2005) Walmsley SR, Print C, Farahi N, Peyssonnaud C, Johnson RS, Cramer T, Sobolewski A, Condliffe AM, Cowburn AS, Johnson N, Chilvers ER [J Exp Med 201: 105-115.](#)

**Prophylactic administration of abatacept prevents disease and bone destruction in a rat model of collagen-induced arthritis.** (2005) Kliwinski C, Kukral D, Postelnek J, Krishnan B, Killar L, Lewin A, Nadler S, Townsend R [J Autoimmun 25: 165-171.](#)

**Multiplex proteomic approaches to sepsis research: case studies employing new technologies.** (2005) Heuer JG, Cummins DJ, Edmonds BT [Expert Rev Proteomics 2: 669-680.](#)

**Adoptive transfer of in vitro-stimulated CD4+CD25+ regulatory T cells increases bacterial clearance and improves survival in polymicrobial sepsis.** (2005) Heuer JG, Zhang T, Zhao J, Ding C, Cramer M, Justen KL, Vonderfecht SL, Na S [J Immunol 174: 7141-7146.](#)

**Mkks-null mice have a phenotype resembling Bardet-Biedl syndrome.** (2005) Fath MA, Mullins RF, Searby C, Nishimura DY, Wei J, Rahmouni K, Davis RE, Tayeh MK, Andrews M, Yang B, Sigmund CD, Stone EM, Sheffield VC [Hum Mol Genet 14: 1109-1118.](#)

---

**Evaluation of protein C and other biomarkers as predictors of mortality in a rat cecal ligation and puncture model of sepsis.** (2004) Heuer JG, Sharma GR, Gerlitz B, Zhang T, Bailey DL, Ding C, Berg DT, Perkins D, Stephens EJ, Holmes KC, Grubbs RL, Fynboe KA, Chen YF, Grinnell B, Jakubowski JA [Crit Care Med 32: 1570-1578.](#)

## Bibliography

**Validation of a new highly standardised, lab-independent whole-blood leukocyte function assay for clinical trials (ILCS).** (2004) Schmolz M, Hurst TL, Bailey DM, Powell JR, Forsey RJ, Thompson JM, Williams C, Pawelec G [Exp Gerontol 39: 667-671.](#)

**Simultaneous analysis of host and pathogen interactions during an in vivo infection reveals local induction of host acute phase response proteins, a novel bacterial stress response, and evidence of a host-imposed metal ion limited environment.** (2004) Motley ST, Morrow BJ, Liu X, Dodge IL, Vitiello A, Ward CK, Shaw KJ [Cell Microbiol 6: 849-865.](#)

**LXR-dependent gene expression is important for macrophage survival and the innate immune response.** (2004) Joseph SB, Bradley MN, Castrillo A, Bruhn KW, Mak PA, Pei L, Hogenesch J, O'connell RM, Cheng G, Saez E, Miller JF, Tontonoz P [Cell 119: 299-309.](#)