


Kilinc, E.* et al.: The procoagulant effects of fine particulate matter in vivo. Part. Fibre Toxicol. 8:12 (2011)


Staples, K.J.* et al.: Monocyte-derived macrophages matured under prolonged hypoxia transcriptionally up-regulate HIF-1α mRNA. Immunobiology 216, 832-839 (2011)


Brandt, C.* et al.: Ambient PM\textsubscript{10} concentrations from wood combustion - emission modeling and dispersion calculation for the city area of Augsburg, Germany. Atmos. Environ. 45, 3466-3474 (2011)


Pietrogrande, M.C.* et al.: Seasonal variation and source estimation of organic compounds in urban aerosol of Augsburg, Germany. Environ. Pollut. 159, 1861-1868 (2011)


Schäfer, K.* et al.: Influences of the 2010 Eyjafjallajökull volcanic plume on air quality in the northern Alpine region. Atmos. Chem. Phys. 11, 9083-9132 (2011)


Abril, N.* et al.: Proteomics research on forest trees, the most recalcitrant and orphan plant species. Phytochemistry 72, 1219-1242 (2011)


Kerner, R. et al.: Changes in the proteome of juvenile European beech following three years exposure to free-air elevated ozone. iForest Biog. For. 4, 69-76 (2011)


Protz, R.L.* et al.: Histological, physiological and molecular investigations of *Fagus sylvatica* seedlings infected with *Phytophthora citricola*. For. Path. 41, 202-211 (2011)


Tretter, F.* et al.: Affective disorders as complex dynamic diseases - a perspective from systems biology. Pharmacopsychiatry 44, S2-S8 (2011)


Wicker, T.* et al.: Frequent gene movement and pseudogene evolution is common to the large and complex genomes of wheat, barley, and their relatives. Plant Cell 23, 1706-1718 (2011)


Publication List 2011
31.12.2011

* external Authors

Institute of Biomathematics and Biometry


Azimzadeh, O. et al.: Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. Proteomics 11, 3299-3311 (2011)

Berchtold, D.* et al.: Nuclei of chicken neurons in tissues and three-dimensional cell cultures are organized into distinct radial zones. Chromosome Res. 19, 165-182 (2011)


Deshpande, A.J. et al.: The clathrin-binding domain of CALM and the OM-LZ domain of AF10 are sufficient to induce acute myeloid leukemia in mice. Leukemia 25, 1718-1727 (2011)


Herold, T.* et al.: An eight-gene expression signature for the prediction of survival and time to treatment in chronic lymphocytic leukemia. Leukemia 25, 1639-1645 (2011)


Najjar, I.* et al.: Novel function of STAT1β in B cells: Induction of cell death by a mechanism different from that of STAT1α. J. Leukoc. Biol. 84, 1604-1612 (2008)

Polier, G.* et al.: Wogonin and related natural flavones are inhibitors of CDK9 that induce apoptosis in cancer cells by transcriptional suppression of Mcl-1. Cell Death Dis. 2:e182 (2011)


Azimzadeh, O. et al.: Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. Proteomics 11, 3299-3311 (2011)

Bolze, F.* et al.: Characterization of the melanocortin-4-receptor nonsense mutation W16X in vitro and in vivo. Pharmacogenomics J. , 10.1038/tpj.2011.43 (2011)


de Andrés-Aguayo, L.* et al.: Musashi 2 is a regulator of the HSC compartment identified by a retroviral insertion screen and knockout mice. Blood 118, 554-564 (2011)


Esperschütz, J. et al.: Microbial food web dynamics along a soil chronosequence of a glacier forefield. Biogeosciences 8, 3283-3294 (2011)


Huettl, R.E. & Huber, A.B.: Cranial nerve fasciculation and Schwann cell migration are impaired after loss of Npn-1. Dev. Biol. 359, 230-241 (2011)


Noblanc, A.* et al.: Glutathione peroxidases (GPX) at work on epididymal spermatozoa: An example of the dual effect of reactive oxygen species on mammalian male fertilizing ability. J. Androl. 32, 641-650 (2011)

Oberoi, T.K.* et al.: IAPs regulate the plasticity of cell migration by directly targeting Rac1 for degradation. EMBO J. 31, 14-28 (2012)


Pihlajamäki, J.* et al.: Expression of the splicing factor gene SFRS10 is reduced in human obesity and contributes to enhanced lipogenesis. Cell Metab. 14, 208-218 (2011)


Puk, O. et al.: The pathologic effect of a novel neomorphic Fgf9Y162C allele is restricted to decreased vision and retarded lens growth. PLoS One 6:e23678 (2011)


Thoeringer, C.K.* et al.: Consolidation of remote fear memories involves corticotropin-releasing hormone (CRH) receptor type 1-mediated enhancement of AMPA receptor GluR1 signaling in the dentate gyrus. Neuropsychopharmacology 37, 787-796 (2012)


Kempf, K.* et al.: Screening for overt diabetes by oral glucose tolerance test: Stratification by fasting blood glucose and patients’ age improve practicability of guidelines in cardiological routine. Int. J. Cardiol. 150, 201-205 (2011)


Ziegler, A.-G. et al.: Accelerated progression from islet autoimmunity to diabetes is causing the escalating incidence of type 1 diabetes in young children. J. Autoimmun. 37, 3-7 (2011)


Chen, J.* et al.: Serum 27-nor-5β-Cholestane-3,7,12,24,25 pentol glucuronide discovered by metabolomics as potential diagnostic biomarker for epithelium ovarian cancer. J. Proteome Res. 10, 2625-2632 (2011)


Fekete, V.* et al.: Use of the kinetic plot method to compare the efficiency and resolution of liquid-phase separation techniques based on different driving forces. J. Planar. Chromat. 23, 440-446 (2010)


Willing, B.P.* et al.: A pyrosequencing study in twins shows that gastrointestinal microbial profiles vary with inflammatory bowel disease phenotypes. Gastroenterology 139, 1844-1854 (2010)
Xiuhua, Z.* et al.: Quantitative relationship for air sampling rates of polychlorinated biphenyls by semipermeable membrane devices with their structures and properties. Computers and Applied Chemistry 28, 6-10 (2011)


Allanore, Y.* et al.: Genome-wide scan identifies TNIP1, PSORS1C1, and RHOB as novel risk loci for systemic sclerosis. PLoS Genet. 7:e1002091 (2011)


Cramer, C.* et al.: Association between attendance of day care centres and increased prevalence of eczema in the German birth cohort study LISAplus. Allergy 66, 86-75 (2011)


Frank, B.* et al.: Association of hydroxyprostaglandin dehydrogenase 15-(NAD) (HPGD) variants and colorectal cancer risk. Carcinogenesis 32, 190-196 (2011)


International Multiple Sclerosis Genetics Consortium: The genetic association of variants in \( CD6, TNFRSF1A \) and \( IRF8 \) to multiple sclerosis: A multicenter case-control study. PLoS One 6:e18813 (2011)

Kanoni, S.* et al.: Total zinc intake may modify the glucose-raising effect of a zinc transporter \( (SLC30A8) \) variant: A 14-cohort meta-analysis. Diabetes 60, 2407-2416 (2011)

Kilinc, E.* et al.: The procoagulant effects of fine particulate matter \textit{in vivo}. Part. Fibre Toxicol. 8:12 (2011)


Lattka, E. et al.: Genetic variants in the \textit{FADS} gene cluster are associated with arachidonic acid concentrations of human breast milk at 1.5 and 6 mo postpartum and influence the course of milk dodecanoic, tetracosenoic, and \textit{trans}-9-octadecenoic acid concentrations over the duration of lactation. Am. J. Clin. Nutr. 93, 382-391 (2011)


MacIntyre, E.A. et al.: Residential air pollution and otitis media during the first two years of life. Epidemiology 22, 81-89 (2011)


Nalls, M.A.* et al.: Multiple loci are associated with white blood cell phenotypes. PLoS Genet. 7:e1002113 (2011)

Nielsen, T.* et al.: Type 2 diabetes risk allele near CENTD2 is associated with decreased glucose-stimulated insulin release. Diabetologia 54, 1052-1056 (2011)


Parra, E.J.* et al.: Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia 54, 2038-2046 (2011)


Speliotes, E.K.* et al.: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. PLoS Genet. 7:e1001324 (2011)


Strawbridge, R.J.* et al.: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 60, 2624-2634 (2011)


Thorand, B. et al.: Effect of serum 25-hydroxyvitamin D on risk for type 2 diabetes may be partially mediated by subclinical inflammation: Results from the MONICA/KORA Augsburg study. Diabetes Care 34, 2320-2322 (2011)


Vineis, P.* et al.: DNA methylation changes associated with cancer risk factors and blood levels of vitamin metabolites in a prospective study. Epigenetics 6, 195-201 (2011)


Aydin, A.* et al.: Central pulse pressure and augmentation index in asymptomatic bicuspid aortic valve disease. Int. J. Cardiol. 147, 466-468 (2011)


Burkart, K.* et al.: Seasonal variations of all-cause and cause-specific mortality by age, gender, and socioeconomic condition in urban and rural areas of Bangladesh. Int. J. Equity Health 10:32 (2011)


Conde, L.* et al.: Novel associations for coronary artery disease derived from genome wide association studies are not associated with increased carotid intima-media thickness, suggesting they do not act via early atherosclerosis or vessel remodeling. Atherosclerosis 219, 684-689 (2011)

de Miguel-Yanes, J.M.* et al.: Genetic risk reclassification for type 2 diabetes by age below or above 50 years using 40 type 2 diabetes risk single nucleotide polymorphisms. Diabetes Care 34, 121-125 (2011)


Hampel, R. et al.: Short-term impact of ambient air pollution and air temperature on blood pressure among pregnant women. Epidemiology 22, 671-679 (2011)


Hinz, T.* et al.: High-resolution ultrasound combined with power Doppler sonography can reduce the number of sentinel lymph node biopsies in cutaneous melanoma. Dermatology 222, 180-188 (2011)

Hivert, M.F.* et al.: Updated genetic score based on 34 confirmed type 2 diabetes loci is associated with diabetes incidence and regression to normoglycemia in the diabetes prevention program. Diabetes 60, 1340-1348 (2011)


Kanoni, S.* et al.: Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: A 14-cohort meta-analysis. Diabetes 60, 2407-2416 (2011)


Kilinc, E.* et al.: The procoagulant effects of fine particulate matter in vivo. Part. Fibre Toxicol. 8:12 (2011)


Kuch, B.* et al.: Prognosis and outcomes of elderly (75-84 years) patients with acute myocardial infarction 1-2 years after the event - AMI-elderly study of the MONICA/KORA Myocardial Infarction Registry. Int. J. Cardiol. 149, 205-210 (2011)


Lacruz, M.E. et al.: Relation between depressed mood, somatic comorbidities and health service utilisation in older adults: Results from the KORA-Age study. Age Ageing 41, 183-190 (2012)


Nielsen, T.* et al.: Type 2 diabetes risk allele near CENTD2 is associated with decreased glucose-stimulated insulin release. Diabetologia 54, 1052-1056 (2011)


Parra, E.J.* et al.: Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia 54, 2038-2046 (2011)


Schäfer, K.* et al.: Influences of the 2010 Eyjafjallajökull volcanic plume on air quality in the northern Alpine region. Atmos. Chem. Phys. 11, 9083-9132 (2011)


Schneider, A. et al.: Ambient PM$_{2.5}$ exposure up-regulates the expression of costimulatory receptors on circulating monocytes in diabetic individuals. Environ. Health Perspect. 119, 778-783 (2011)


Speliotes, E.K.* et al.: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. PLoS Genet. 7:e1001324 (2011)


Strawbridge, R.J.* et al.: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 60, 2624-2634 (2011)


Thorand, B. et al.: Effect of serum 25-hydroxyvitamin D on risk for type 2 diabetes may be partially mediated by subclinical inflammation: Results from the MONICA/KORA Augsburg study. Diabetes Care 34, 2320-2322 (2011)


Bolze, F.* et al.: Characterization of the melanocortin-4-receptor nonsense mutation W16X in vitro and in vivo. Pharmacogenomics J. , 10.1038/tpj.2011.43 (2011)


Götz, A.A. et al.: Comparison of particle-exposure triggered pulmonary and systemic inflammation in mice fed with three different diets. Part. Fibre Toxicol. 8:30 (2011)


Lisse, T.S.* et al.: Gene targeting by the vitamin D response element binding protein reveals a role for vitamin D in osteoblast mTOR signaling. FASEB J. 25, 937-947 (2011)

Lückerath, K.* et al.: Immune modulation by Fas ligand reverse signaling: Lymphocyte proliferation is attenuated by the intracellular Fas ligand domain. Blood 117, 519-529 (2011)

Magnol, L.* et al.: A sensitised mutagenesis screen in the mouse to explore the bovine genome: Study of muscle characteristics. Animal 5, 663-671 (2011)


Puk, O. et al.: The pathologic effect of a novel neomorphic Fgf9Y162C allele is restricted to decreased vision and retarded lens growth. PLoS One 6:e23678 (2011)


Spyroglou, A.* et al.: Utilization of a mutagenesis screen to generate mouse models of hyperaldosteronism. Endocrinology 152, 326-331 (2011)


Wetzel, M.* et al.: Introduction of an electron withdrawing group on the hydroxyphenylnaphthol scaffold improves the potency of $17\beta$-hydroxysteroid dehydrogenase type 2 ($17\beta$-HSD2) inhibitors. J. Med. Chem. 54, 7547-7557 (2011)


Allanore, Y.* et al.: Genome-wide scan identifies TNIP1, PSORS1C1, and RHOB as novel risk loci for systemic sclerosis. PLoS Genet. 7:e1002091 (2011)


Publication List 2011

Institute of Genetic Epidemiology


Kanoni, S.* et al.: Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: A 14-cohort meta-analysis. Diabetes 60, 2407-2416 (2011)


Nalls, M.A.* et al.: Multiple loci are associated with white blood cell phenotypes. PLoS Genet. 7:e1002113 (2011)


Nielsen, T.* et al.: Type 2 diabetes risk allele near CENTD2 is associated with decreased glucose-stimulated insulin release. Diabetologia 54, 1052-1056 (2011)


Oexle, K.* et al.: Novel association to the proprotein convertase PCSK7 gene locus revealed by analysing soluble transferrin receptor (sTfR) levels. Hum. Mol. Genet. 20, 1042-1047 (2011)


Parra, E.J.* et al.: Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia 54, 2038-2046 (2011)


Speliotes, E.K.* et al.: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. PLoS Genet. 7:e1001324 (2011)

Strawbridge, R.J.* et al.: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 60, 2624-2634 (2011)


Gubsch, M.* et al.: Foliar and soil $\delta^{15}$N values reveal increased nitrogen partitioning among species in diverse grassland communities. Plant Cell Environ. 34, 895-908 (2011)


Kilinc, E.* et al.: The procoagulant effects of fine particulate matter in vivo. Part. Fibre Toxicol. 8:12 (2011)


Lacruz, M.E. et al.: Relation between depressed mood, somatic comorbidities and health service utilisation in older adults: Results from the KORA-Age study. Age Ageing 41, 183-190 (2012)


Wenig, C.M., Knopf, H.* & Menn, P.: Juvenile obesity and its association with utilisation and costs of pharmaceuticals - results from the KiGGS study. BMC Health Serv. Res. 11:340 (2011)


Del Río, P. et al.: GDNF-induced osteopontin from Müller glial cells promotes photoreceptor survival in the Pde6brd1 mouse model of retinal degeneration. Glia 59, 821-832 (2011)


Hivert, M.F.* et al.: Updated genetic score based on 34 confirmed type 2 diabetes loci is associated with diabetes incidence and regression to normoglycemia in the diabetes prevention program. Diabetes 60, 1340-1348 (2011)


Nalls, M.A.* et al.: Multiple loci are associated with white blood cell phenotypes. PLoS Genet. 7:e1002113 (2011)

Nielsen, T.* et al.: Type 2 diabetes risk allele near CEND2 is associated with decreased glucose-stimulated insulin release. Diabetologia 54, 1052-1056 (2011)


Oexle, K.* et al.: Novel association to the proprotein convertase PCSK7 gene locus revealed by analysing soluble transferrin receptor (sTfR) levels. Hum. Mol. Genet. 20, 1042-1047 (2011)


Parra, E.J.* et al.: Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia 54, 2038-2046 (2011)


Speliotes, E.K.* et al.: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. PLoS Genet. 7:e1001324 (2011)

Strawbridge, R.J.* et al.: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 60, 2624-2634 (2011)


Blank, S.* et al.: Api m 10, a genuine A. mellifera venom allergen, is clinically relevant but underrepresented in therapeutic extracts. Allergy 66, 1322-1329 (2011)


Götz, A.A. et al.: Comparison of particle-exposure triggered pulmonary and systemic inflammation in mice fed with three different diets. Part. Fibre Toxicol. 8:30 (2011)


John, G. et al.: NKX2-3 variant rs11190140 is associated with IBD and alters binding of NFAT. Mol. Genet. Metab. 104, 174-179 (2011)

Kerzel, S.* et al.: A single D\(\delta\) gene segment is sufficient for the establishment of an asthma phenotype in a murine model of allergic airway inflammation. Int. Arch. Allergy Immunol. 156, 247-258 (2011)


Kilinc, E.* et al.: The procoagulant effects of fine particulate matter in vivo. Part. Fibre Toxicol. 8:12 (2011)

Kowalski, M.L.* et al.: Hypersensitivity to nonsteroidal anti-inflammatory drugs (NSAIDs) - classification, diagnosis and management: Review of the EAACI/ENDA and GA2LEN/HANNA. Allergy 66, 818-829 (2011)


Müller, L.* et al.: Realistic exposure methods for investigating the interaction of nanoparticles with the lung at the air-liquid interface in vitro. Insciences J. 1, 30-64 (2011)


Rössing, K.* et al.: Brain-derived neurotrophic factor is increased in serum and skin levels of patients with chronic spontaneous urticaria. Clin. Exp. Allergy 41, 1392-1399 (2011)


Willi, R.* et al.: Danger from the workplace: Allergic contact dermatitis from the first exposure to isothiazolinones. Contact Dermatitis 64, 361-362 (2011)


Berchtold, D.* et al.: Nuclei of chicken neurons in tissues and three-dimensional cell cultures are organized into distinct radial zones. Chromosome Res. 19, 165-182 (2011)


Dreyssig, J.* et al.: Various 'dendritic cell antigens' are already expressed on uncultured blasts in acute myeloid leukemia and myelodysplastic syndromes. Immunotherapy 3, 1113-1124 (2011)


Gallmeier, E.* et al.: Inhibition of ataxia telangiectasia- and Rad3-related function abrogates the in vitro and in vivo tumorigenicity of human colon cancer cells through depletion of the CD133* tumour-initiating cell fraction. Stem Cells 29, 418-429 (2011)


Liu, X.* et al.: Tolerance induction towards cardiac allografts under costimulation blockade is impaired in CCR7-deficient animals but can be restored by adoptive transfer of syngeneic plasmacytoid dendritic cells. Eur. J. Immunol. 41, 611-623 (2011)


Münzel, E.J.* et al.: Claudin k is specifically expressed in cells that form myelin during development of the nervous system and regeneration of the optic nerve in adult zebrafish. Glia 60, 253-270 (2012)


Petri, S.* et al.: Increased siRNA duplex stability correlates with reduced off-target and elevated on-target effects. RNA 17, 737-749 (2011)


Prexl, A.* et al.: The putative Notch ligand HyJagged is a transmembrane protein present in all cell types of adult Hydra and upregulated at the boundary between bud and parent. BMC Cell Biol. 12:38 (2011)


Schmitt, A.* et al.: Adoptive transfer and selective reconstitution of streptamer-selected cytomegalovirus-specific CD8+ T cells leads to virus clearance in patients after allogeneic peripheral blood stem cell transplantation. Transfusion 51, 591-599 (2011)


Azimzadeh, O. et al.: Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. Proteomics 11, 3299-3311 (2011)


Braren, R.* et al.: Validation of preclinical multiparametric imaging for prediction of necrosis in hepatocellular carcinoma after embolization. J. Hepatol. 55, 1034-1040 (2011)


Langer, R.* et al.: Assessment of ErbB2 (Her2) in oesophageal adenocarcinomas: Summary of a revised immunohistochemical evaluation system, bright field double in situ hybridisation and fluorescence in situ hybridisation. Mod. Pathol. 24, 908-916 (2011)


Pallua, J.D.* et al.: Matrix-assisted laser desorption-ionization imaging mass spectrometry for direct tissue analysis. LC GC N. Am. S, 21-28 (2011)


Vela-Chávez, T.* et al.: Cyclin D1 positive diffuse large B-cell lymphoma is a post-germinal center-type lymphoma without alterations in the CCND1 gene locus. Leuk. Lymphoma 52, 458-466 (2011)


Azimzadeh, O. et al.: Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. Proteomics 11, 3299-3311 (2011)


Wittmaack, K.: Excessive delivery of nanostructured matter to submersed cells caused by rapid gravitational settling. ACS Nano 5, 3766-3778 (2011)


Dong, X.* et al.: Expression analysis of zeaxanthin epoxidase of genetically engineered zeaxanthin-rich potatoes in comparison to conventional cultivars under field conditions. Transgenic Plant J. 5, 35-42 (2011)

Esperschütz, J. et al.: Microbial food web dynamics along a soil chronosequence of a glacier forefield. Biogeosciences 8, 3283-3294 (2011)


Fischer, D. et al.: Molecular characterisation of the diazotrophic bacterial community in uninoculated and inoculated field-grown sugarcane (Saccharum sp.). Plant Soil , 10.1007/s11104-011-0812-0 (2011)


Zacharias, S.* et al.: A network of terrestrial environmental observatories in Germany. Vadose Zone J. 10, 955-973 (2011)


Ortega, F.* et al.: Using an adherent cell culture of the mouse subependymal zone to study the behavior of adult neural stem cells on a single-cell level. Nat. Protoc. 6, 1847-1859 (2011)


Winpenny, E.* et al.: Sequential generation of olfactory bulb glutamatergic neurons by Neurog2-expressing precursor cells. Neural Dev. 6:12 (2011)


Knöll, R.* et al.: Telethonin deficiency is associated with maladaptation to biomechanical stress in the mammalian heart. Circ. Res. 109, 758-769 (2011)


Puk, O. et al.: The pathologic effect of a novel neomorphic Fgf9Y162C allele is restricted to decreased vision and retarded lens growth. PLoS One 6:e23678 (2011)


Csanády, G.A. et al.: 1,2:3,4-Diepoxybutane in blood of male B6C3F1 mice and male Sprague-Dawley rats exposed to 1,3-butadiene. Toxicol. Lett. 207, 286-290 (2011)


Palkowitsch, L.* et al.: The Ca²⁺-dependent phosphatase calcineurin controls the formation of the Carma1-Bcl10-Malt1 complex during T cell receptor-induced NF-κB activation. J. Biol. Chem. 286, 7522-7534 (2011)


Sousa, M.* et al.: Restoration of pattern recognition receptor costimulation to treat chromoblastomycosis, a chronic fungal infection of the skin. Cell Host Microbe 9, 436-443 (2011)


Lucifora, J. et al.: Hepatitis B virus X protein is essential to initiate and maintain virus replication after infection. J. Hepatol. 55, 996-1003 (2011)


Schmitt, A.* et al.: Adoptive transfer and selective reconstitution of streptamer-selected cytomegalovirus-specific CD8+ T cells leads to virus clearance in patients after allogeneic peripheral blood stem cell transplantation. Transfusion 51, 591-599 (2011)


Publication List 2011


Dong, X.* et al.: Expression analysis of zeaxanthin epoxidase of genetically engineered zeaxanthin-rich potatoes in comparison to conventional cultivars under field conditions. Transgenic Plant J. 5, 35-42 (2011)

Esperschütz, J. et al.: Microbial food web dynamics along a soil chronosequence of a glacier forefield. Biogeosciences 8, 3283-3294 (2011)


Fischer, D. et al.: Molecular characterisation of the diazotrophic bacterial community in uninoculated and inoculated field-grown sugarcane (Saccharum sp.). Plant Soil , 10.1007/s11104-011-0812-0 (2011)


Laukens, B.* et al.: Smac mimetic bypasses apoptosis resistance in FADD- or caspase-8-deficient cells by priming for tumor necrosis factor α-induced necroptosis. Neoplasia 13, 971-979 (2011)


Lückerath, K.* et al.: Immune modulation by Fas ligand reverse signaling: Lymphocyte proliferation is attenuated by the intracellular Fas ligand domain. Blood 117, 519-529 (2011)


Petsch, S.* et al.: Concentrations of EpCAM ectodomain as found in sera of cancer patients do not significantly impact redirected lysis and T-cell activation by EpCAM/CD3-bispecific BiTE antibody MT110. mAbs 3, 31-37 (2011)


Publication List 2011

Research Unit for Medical Radiation Physics and Diagnostics


Clemens, M.* et al.: Bioelectromagnetic field simulations using high-resolution human anatomy models with the finite integration technique. Frequenz 63, 163-167 (2009)


Azimzadeh, O. et al.: Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. Proteomics 11, 3299-3311 (2011)


Del Río, P. et al.: GDNF-induced osteopontin from Müller glial cells promotes photoreceptor survival in the Pde6brd1 mouse model of retinal degeneration. Glia 59, 821-832 (2011)


Webb, K.J. et al.: The Enhancer of split transcription factor Her8a is a novel dimerisation partner for Her3 that controls anterior hindbrain neurogenesis in zebrafish. BMC Dev. Biol. 11:27 (2011)


Breitling, L.P.* et al.: Dopamine-related genes and spontaneous smoking cessation in ever-heavy smokers. Pharmacogenomics 12, 1099-1106 (2011)


Conde, L.* et al.: Novel associations for coronary artery disease derived from genome wide association studies are not associated with increased carotid intima-media thickness, suggesting they do not act via early atherosclerosis or vessel remodeling. Atherosclerosis 219, 684-689 (2011)

de Miguel-Yanes, J.M.* et al.: Genetic risk reclassification for type 2 diabetes by age below or above 50 years using 40 type 2 diabetes risk single nucleotide polymorphisms. Diabetes Care 34, 121-125 (2011)


Hivert, M.F.* et al.: Updated genetic score based on 34 confirmed type 2 diabetes loci is associated with diabetes incidence and regression to normoglycemia in the diabetes prevention program. Diabetes 60, 1340-1348 (2011)


Kanoni, S.* et al.: Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: A 14-cohort meta-analysis. Diabetes 60, 2407-2416 (2011)


Nalls, M.A.* et al.: Multiple loci are associated with white blood cell phenotypes. PLoS Genet. 7:e1002113 (2011)


Neuschl, C.* et al.: A unique genetic defect on chromosome 3 is responsible for juvenile obesity in the Berlin Fat Mouse. Int. J. Obes. 34, 1706-1714 (2010)


Nielsen, T.* et al.: Type 2 diabetes risk allele near CENTD2 is associated with decreased glucose-stimulated insulin release. Diabetologia 54, 1052-1056 (2011)

Oexle, K.* et al.: Novel association to the proprotein convertase PCSK7 gene locus revealed by analysing soluble transferrin receptor (sTfR) levels. Hum. Mol. Genet. 20, 1042-1047 (2011)

Parra, E.J.* et al.: Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia 54, 2038-2046 (2011)

Raitoharju, E.* et al.: miR-21, miR-210, miR-34a, and miR-146a/b are up-regulated in human atherosclerotic plaques in the Tampere Vascular Study. Atherosclerosis 219, 211-217 (2011)


Rosenberger, A.* et al.: Validation of a fully automated COMET assay: 1.75 million single cells measured over a 5 year period. DNA Repair 10, 322-337 (2011)


Speliotes, E.K.* et al.: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. PLoS Genet. 7:e1001324 (2011)


Strawbridge, R.J.* et al.: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 60, 2624-2634 (2011)


Weaver, J.* et al.: Novel human prostate cell lines derived from the transition and peripheral zones of the prostate for carcinogenesis studies. Oncol. Rep. 25, 121-128 (2011)


Ortega, F.* et al.: Using an adherent cell culture of the mouse subependymal zone to study the behavior of adult neural stem cells on a single-cell level. Nat. Protoc. 6, 1847-1859 (2011)


Warlich, E.* et al.: Lentiviral vector design and imaging approaches to visualize the early stages of cellular reprogramming. Mol. Ther. 19, 782-789 (2011)


Webb, K.J. et al.: The Enhancer of split transcription factor Her8a is a novel dimerisation partner for Her3 that controls anterior hindbrain neurogenesis in zebrafish. BMC Dev. Biol. 11:27 (2011)