

Abteilung "Klinische Chemie"

Journalbeiträge

1. Brakemann T, Stiel AC, Weber G, Andresen M, Testa I, Grotjohann T, Leutenegger M, Plessmann U, Urlaub H, Eggeling C, Wahl MC, Hell SW, Jakobs S (2011) A reversibly photoswitchable GFP-like protein with fluorescence excitation decoupled from switching. *NAT BIOTECHNOL*, 29: 942-7.
2. Brandhorst G, Engelmayer J, Götze S, Oellerich M, von Ahsen N (2011) Pre-analytical effects of different lithium heparin plasma separation tubes in the routine clinical chemistry laboratory. *CLIN CHEM LAB MED*, 49: 1473-7.
3. Brandhorst G, Oellerich M, Brunet M, Kowalski R, Vinks A, Wallemacq P (2011) Individually tailored immunosuppression: is there a role for biomarkers? *CLIN CHEM*, 57: 376-81.
4. Brandhorst G, Streit F, Kratzsch J, Schiettecatte J, Roth HJ, Lappa PB, Körner A, Kiess W, Binder L, Oellerich M, von Ahsen N (2011) Multicenter evaluation of a new automated electrochemiluminescence immunoassay for the quantification of testosterone compared to liquid chromatography tandem mass spectrometry. *CLIN BIOCHEM*, 44: 264-7.
5. Chan A, Gold R, von Ahsen N (2011) ATP-binding cassette transporters in inflammatory brain disease. *CURR PHARM DESIGN*, 17: 2803-7.
6. Dihazi H, Dihazi GH, Mueller C, Lahrichi L, Asif AR, Bibi A, Eltoweissy M, Vasko R, Mueller GA (2011) Proteomics characterization of cell model with renal fibrosis phenotype: osmotic stress as fibrosis triggering factor. *J PROTEOMICS*, 74: 304-18.
7. Dihazi H, Dihazi GH, Jahn O, Meyer S, Nolte J, Asif AR, Mueller GA, Engel W (2011) Multipotent adult germline stem cells and embryonic stem cells functional proteomics revealed an important role of eukaryotic initiation factor 5A (Eif5a) in stem cell differentiation. *J PROTEOME RES*, 10: 1962-73.
8. Edelmann F, Gelbrich G, Düngen HD, Fröhling S, Wachter R, Stahrenberg R, Binder L, Töpper A, Lashki DJ, Schwarz S, Herrmann-Lingen C, Löffler M, Hasenfuss G, Halle M, Pieske B (2011) Exercise training improves exercise capacity and diastolic function in patients with heart failure with preserved ejection fraction: results of the Ex-DHF (Exercise training in Diastolic Heart Failure) pilot study. *J AM COLL CARDIOL*, 58: 1780-91.
9. Edelmann F, Stahrenberg R, Polzin F, Kockskämper A, Düngen HD, Duvinage A, Binder L, Kunde J, Scherer M, Gelbrich G, Hasenfuss G, Pieske B, Wachter R, Herrmann-Lingen C (2011) Impaired physical quality of life in patients with diastolic dysfunction associates more strongly with neurohumoral activation than with echocardiographic parameters: quality of life in diastolic dysfunction. *AM HEART J*, 161: 797-804.
10. Ehrenreich H, Kästner A, Weissenborn K, Streeter J, Sperling S, Wang KK, Worthmann H, Hayes RL, Von Ahsen N, Kastrup A, Jeromin A, Herrmann M (2011) Circulating damage marker profiles support a neuroprotective effect of erythropoietin in ischemic stroke patients. *MOL MED*, 17: 1306-10.
11. Ertmer C, Mardin WA, Brüwer M, Schiller M, Kemper S, von Ahsen N, Hahnenkamp K (2011) Severe immunosuppression in inflammatory bowel disease: opening the floodgates to opportunists? *INT J COLORECTAL DIS*, 26: 1625-7.
12. Geisen C, Luxembourg B, Watzka M, Toennes SW, Sittinger K, Marinova M, von Ahsen N, Lindhoff-Last E, Seifried E, Oldenburg J (2011) Prediction of phenprocoumon maintenance dose and phenprocoumon plasma concentration by genetic and non-genetic parameters. *EUR J CLIN PHARMACOL*, 67: 371-81.
13. Hruzik A, Asif AR, Gross U (2011) Identification of *Toxoplasma gondii* SUB1 antigen as a marker for acute infection by use of an innovative evaluation method. *J CLIN MICROBIOL*, 49: 2419-25.
14. Krumova P, Meulmeester E, Garrido M, Tirard M, Hsiao HH, Bossis G, Urlaub H, Zweckstetter M, Kügler S, Melchior F, Bähr M, Weishaupt JH (2011) Sumoylation inhibits alpha-synuclein aggregation and toxicity. *J CELL BIOL*, 194: 49-60.
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16. Meyer T, Stanske B, Kochen MM, Cordes A, Yüksel I, Wachter R, Lüers C, Scherer M, Binder L, Pieske B, Herrmann-Lingen C (2011) Serum levels of interleukin-6 and interleukin-10 in relation to depression scores in patients with cardiovascular risk factors. *BEHAV MED*, 37: 105-12.
17. Nikolov M, Stützer A, Mosch K, Krasauskas A, Soeroes S, Stark H, Urlaub H, Fischle W (2011) Chromatin affinity purification and quantitative mass spectrometry defining the interactome of histone modification patterns. *MOL CELL PROTEOMICS*, 10: M110.005371.
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19. Oellerich T, Bremer V, Neumann K, Bohnenberger H, Dittmann K, Hsiao HH, Engelke M, Schnyder T, Batista FD, Urlaub H, Wienands J (2011) The B-cell antigen receptor signals through a preformed transducer module of SLP65 and CIN85. *EMBO J*, 30: 3620-34.
20. Petrova DT, Brehmer F, Schultze FC, Asif AR, Gross O, Oellerich M, Brandhorst G (2011) Differential kidney proteome profiling in a murine model of renal fibrosis under treatment with mycophenolate mofetil. *PATHOBIOLOGY*, 78: 162-70.
21. Pidoux G, Witczak O, Jarnæss E, Myrvold L, Urlaub H, Stokka AJ, Küntziger T, Taskén K (2011) Optic atrophy 1 is an A-kinase anchoring protein on lipid droplets that mediates adrenergic control of lipolysis. *EMBO J*, 30: 4371-86.
22. Prémaud A, Weber LT, Tönshoff B, Armstrong VW, Oellerich M, Urien S, Marquet P, Rousseau A (2011) Population pharmacokinetics of mycophenolic acid in pediatric renal transplant patients using parametric and nonparametric approaches. *PHARMACOL RES*, 63: 216-24.
23. Qasim M, Rahman H, Oellerich M, Asif AR (2011) Differential proteome analysis of human embryonic kidney cell line (HEK-293) following mycophenolic acid treatment. *PROTEOME SCI*, 9: 57.
24. Rahman H, Qasim M, Schultze FC, Oellerich M, Asif AR (2011) Fetal calf serum heat inactivation and lipopolysaccharide contamination influence the human T lymphoblast proteome and phosphoproteome. *PROTEOME SCI*, 9: 71.
25. Rossenbach J, Mueller GA, Lange K, Armstrong VW, Schmitto JD, Hintze E, Helfmann J, Konstantinides S, Koziolek MJ (2011) Lipid-apheresis improves microcirculation of the upper limbs. *J CLIN APHERESIS*, 26: 167-73.
26. Schnyder T, Castello A, Feest C, Harwood NE, Oellerich T, Urlaub H, Engelke M, Wienands J, Bruckbauer A, Batista FD (2011) B cell receptor-mediated antigen gathering requires ubiquitin ligase Cbl and adaptors Grb2 and Dok-3 to recruit dynein to the signaling microcluster. *IMMUNITY*, 34: 905-18.
27. Stahrenberg R, Edelmann F, Mende M, Kockskämper A, Düngen HD, Scherer M, Kochen MM, Binder L, Herrmann-Lingen C, Gelbrich G, Hasenfuß G, Pieske B, Wachter R (2011) Association of glucose metabolism with diastolic function along the diabetic continuum. Correction to vol 53, pg 1331, 2010. *DIABETOLOGIA*, 54: 990.
28. Streit F, Binder L, Hafke A, Brandhorst G, Braulke F, Haase D, Armbrust T, Cameron S, Ramadori G, Oellerich M, Walson P (2011) Use of total and unbound imatinib and metabolite LC-MS/MS assay to understand individual responses in CML and GIST patients. *THER DRUG MONIT*, 33: 632-43.
29. van Gelder T, Silva HT, de Fijter H, Budde K, Kuypers D, Mamelok RD, Armstrong VW, Oellerich M (2011) How delayed graft function impacts exposure to mycophenolic acid in patients after renal transplantation. *THER DRUG MONIT*, 33: 155-64.
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31. Vasko R, Mueller GA, von Jaschke AK, Asif AR, Dihazi H (2011) Impact of cisplatin administration on protein expression levels in renal cell carcinoma: a proteomic analysis. *EUR J PHARMACOL*, 670: 50-7.
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33. Wakeel A, Asif AR, Pitann B, Schubert S (2011) Proteome analysis of sugar beet (*Beta vulgaris L.*) elucidates constitutive adaptation during the first phase of salt stress. *J PLANT PHYSIOL*, 168: 519-26.
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36. Zutt M, Krüger U, Rosenberger A, Schön MP, Neumann C, von Ahsen N, Kretschmer L (2011) Increased Lipoprotein (a) concentrations in patients with chronic venous leg ulcers: a study on patients with or without postthrombotic syndrome. *WOUND REPAIR REGEN*, 19: 168-72.

Medizinische Dissertationen

1. Brehmer F, Dr. med., Der Einfluss von Mycophenolat-Mofetil (MMF) auf die renale Fibrogenese: Bedeutung für neue therapeutische Ansätze. Dissertation Universität Göttingen 2011.
2. Schultze F, Dr. med., Durch Sirolimus induzierte frühe Veränderungen des Proteoms und Phosphoproteoms in humanen T-Lymphoblasten. Dissertation Universität Göttingen 2011.

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Zahnmedizinische Dissertationen

1. Schwabe H, Dr. med., Die inhibitorische Wirkung von Acylglucuronidmetaboliten der Mycophenolsäure auf die Inosinmonophosphatdehydrogenase Typ II. Dissertation Universität Göttingen 2011.

Naturwiss. u.a. nichtmed. Diss.

1. Zafar S, Dr. rer. nat., Cellular Prion Protein (PrP^c): Identification and Characterization of Novel Interacting Partners. Dissertation Universität Göttingen 2011.