

## Publicaties der leden 2011

### Analytisch: Hematologie

Adriaansen H, van Dun L, Hoffmann J, Kooren J, Roelandse-Koop E, Ruinemans-Koerts J, Schakel L, Schuitemaker J, de Wit H. Reference values of fetal erythrocytes in maternal blood during pregnancy, established using flow cytometry. *Clin Chem Lab Med.* 2011; 49: S698.

de Graaf MT, de Jongste AH, Kraan J, Boonstra JG, Smitt PA, Gratama JW. Flow cytometric characterization of cerebrospinal fluid cells. *Cytometry B Clin Cytom.* 2011; 80 (5): 271-81.

de Graaf MT, van den Broek PD, Kraan J, Luitwieler RL, van den Bent MJ, Boonstra JG, Schmitz PI, Gratama JW, Sillevits Smitt PA. Addition of serum-containing medium to cerebrospinal fluid prevents cellular loss over time. *J Neurol.* 2011; 258 (8): 1507-12.

de Wit H, Nabbe KC, Kooren JA, Adriaansen HJ, Roelandse-Koop EA, Schuitemaker JH, Hoffmann JJ. Reference values of fetal erythrocytes in maternal blood during pregnancy established using flow cytometry. *Am J Clin Pathol.* 2011; 136 (4): 631-6.

Emans ME, Putten van der K, Rooijen van KL, Kraaijenhagen RJ, Swinkels D, Solingen van WW, Cramer MJ, Doevedans PAFM, Braam B, Gaillard CAJM. Determinants of red cell distribution width (RDW) in cardiorenal patients: RDW is not related to erythropoietin resistance. *J Card Fail.* 2011; 17 (8): 626-33.

Hooijberg JH, Tegelaers FPW, van IJzendoorn-Borst T, Schoorl M, Goudriaan-Barendrecht J, I. Slaman-Schilders I, Bartels PCM. Validation-at-the-point-of-care' bij vier hematologische POCT-methoden. *Ned Tijdschr Klin Chem Labgeneesk.* 2011; 36: 32-5.

Janssen MJW, Heuvelmans CTM, Melssen MMA, van Encenkert CMW. Nieuwe richtlijn voor de lupus anticoagulansbepaling: vertaling naar de praktijk. *Ned Tijdschr Klin Chem Labgeneesk.* 2011; 36: 2-5.

Janssen MJW, Heuvelmans CTM, Melssen MMA, van Encenkert CMW. Nieuwe richtlijn voor de lupus anticoagulansbepaling: vertaling naar de praktijk. *Analyse* 2011; 66,298-301.

Lancé MD, Henskens YM, Marcus MA. Mean platelet volume analysis needs more standardization. *Platelets.* 2011; 22 (3): 241.

Leers MP, Goertz H, Feller A, Hoffmann JJ. Performance evaluation of the Abbott CELL-DYN Ruby and the Sysmex XT-2000i haematology analysers. *Int J Lab Hematol.* 2011; 33 (1): 19-29.

Molenaar PJ, Leyte A. Pre-acquisition system assessment of the Sysmex (R) Coagulation System CS-2100i and comparison with end-user verification; a model for the regional introduction of new analysers and methods. *Clin Chem Lab Med.* 2011; 49 (9): 1479-89.

de Jonge R. Evaluation of the HemoCue WBC analyzer to count leucocytes in body fluids. *Ned Tijdschr Klin Chem Labgeneesk.* 2011; 36: 35-6.

Remijn JA, Wildeboer B, van Suijlen JD, Adriaansen HJ. Recombinant thromboplastins vs tissue-extract thromboplastins in patients on unstable oral anticoagulant therapy. *Clin Chem.* 2011; 57 (6): 916-7.

Sitniakowsky LS, Later AF, van de Watering LM, Bogaerts M, Brand A, Klautz RJ, Smit NP, van Hilten JA. The effect of RBC transfusions on cytokine gene expression after cardiac surgery in patients developing post-operative multiple organ failure. *Transfus Med.* 2011; 21 (4): 236-46.

van de Geijn GJ, van Rees V, van Pul-Bom N, Birnie E, Janssen H, Pegels H, Beunis M, Njo T. Leukoflow: multiparameter extended white blood cell differentiation for routine analysis by flow cytometry. *Cytometry A.* 2011 Sep; 79 (9): 694-706.

van de Geijn GJM, Beunis MH, Janssen JW, Njo TL. Go with the flow? Use of flow cytometry for routine leukocyte differential. *Clin Lab Int.* 2011; 35: 10-4.

van Mirre E, Vrielink GJ, Tjon-A-Tsoi N, Hendriks H, de Kieviet W, Ten Boekel E. Sensitivity and specificity of the high fluorescent lymphocyte count-gate on the Sysmex XE-5000 hematology analyzer for detection of peripheral plasma cells. *Clin Chem Lab Med.* 2011; 49 (4): 685-8.

van Rossum AP, Vlasveld LT, Boesten LS. The diagnostic value of NT-proBNP in heart failure: in depth analysis. *Ned Tijdschr Geneesk.* 2011; 155: A2885.

Veenemans J, Milligan P, Prentice AM, Schouten LR, Inja N, van der Heijden AC, de Boer LC, Jansen EJ, Koopmans AE, Enthoven WT, Kraaijenhagen RJ, Demir AY, Uges DR, Mbugi EV, Savelkoul HF, Verhoef H. Effect of supplementation with zinc and other micronutrients on malaria in Tanzanian children: a randomised trial. *PLoS Med.* 2011; 8 (11): e1001125.

Zijlker-Jansen PY, Wiersum-Osselton JC, van Tilborgh-de Jong AJW, Spijker K, Streefkerk I, Beunis MH, van Maaren Y, Rohrbach A, Koopman-van Gemert AWMM, Schipperus MR. Eigen bloed altijd goed? Overzicht meldingen van bijwerkingen en incidenten bij bloedbesparende technieken aan TRIP Landelijk Hemovigilantie Bureau. *Tijdschr Bloedtransfusie.* 2011; 4 (1): 19-24.

### Analytisch: Immunochemie

Bakker AJ, Elderman-van der Werf C, van Abbema T, van der Bij JH, Hoekstra J, Kuppens L Detectie en kwantificering van M-proteïnes: vergelijk van verschillende elektroforetische procedures. *Ned Tijdschr Klin Chem Labgeneesk.* 2011; 36: 228-30.

Heijboer AC, Frans A, Lomecky M, Blankenstein MA. Analysis of glucagon-like peptide 1; what to measure? *Clin Chim Acta*. 2011; 412 (13-14): 1191-4.

Heijboer AC, Martens F, Mulder SD, Schats R, Blankenstein MA. Interference in human chorionic gonadotropin (hCG) analysis by macro-hCG. *Clin Chim Acta*. 2011; 412 (23-24): 2349-50.

Brinkman JW, IJpelaar DHT, Schrander AM, Jonkers GJPM, Beijer C. Het gebrek aan sensitiviteit en specificiteit van de totaleiwitbepaling voor de detectie van monoklonale vrije lichte ketens in urine. *Ned Tijdschr Klin Labgeneesk*. 2011; 36: 11-5.

Michielsen EC, Bisschops PG, Janssen MJ. False positive troponin result caused by a true macrotroponin. *Clin Chem Lab Med*. 2011; 49 (5): 923-5.

Tiel Groenestege WM, Bui HN, Vader HL, Oosterhuis WP, ten Kate J, Menheere PPCA, Heijboer AC, Janssen MJW. Low range accuracy of testosterone immunoassays and possible improvement through sample extraction. *Clin Chem Lab Med*. 2011; 49: S444.

Wolthuis A. Impact of disease on interferences in blood bioanalysis (Review). *Bioanalysis* 2011; 19 (3): 2223-31.

## Analytisch: Klinische chemie

Bessembinders K, Wielders J, van de Wiel A. Severe hypertriglyceridemia influenced by Alcohol (SHIBA). *Alcohol*. 2011; 46 (2): 113-6.

Broeren MA, Bahceti S, Vader HL, Arents NL. Screening for urinary tract infection with the Sysmex UF-1000i urine flow cytometer. *J Clin Microbiol*. 2011; 49 (3): 1025-9.

de Boer MG, Gelincik LB, van Zelst BD, van de Sande WW, Willems LN, van Dissel JT, de Jonge R, Kroon FP. beta-D-glucan and S-adenosylmethionine serum levels for the diagnosis of Pneumocystis pneumonia in HIV-negative patients: a prospective study. *J Infect*. 2011; 62 (1): 93-100.

de Jong WH, de Vries EG, Kema IP. Current status and future developments of LC-MS/MS in clinical chemistry for quantification of biogenic amines. *Clin Biochem*. 2011; 44 (1): 95-103.

Delanghe JR, Cobbaert C, Harmoinen A, Jansen R, Laitinen P, Panteghini M. Focusing on the clinical impact of standardization of creatinine measurements: a report by the EFCC Working group on creatinine standardization. *Clin Chem Lab Med*. 2011; 49 (6): 977-82.

Loupatty FJ, Wener RRL, Schouten WEM, Slaats EH. Macroaspartate aminotransferase, a surprising outcome for clinicians. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 256-7.

Galesloot TE, Vermeulen SH, Geurts-Moespot AJ, Klaver SM, Kroot JJ, van Tienoven D, Wetzel JF, Kiemeney LA, Sweep FC, den Heijer M, Swinkels DW. Serum hepcidin: reference ranges and biochemical correlates in the general population. *Blood*. 2011; 117 (25): e218-25.

Hooft GP, van Huizen NA, Meesters RJ, Zijlstra EE, Abdelraheem M, Abdelraheem W, Hamdouk M, Lindemans J, Luider TM. Analytical investigations of toxic p-phenylenediamine (PPD) levels in clinical urine samples with special focus on MALDI-MS/MS. *PLoS One*. 2011; 6 (8): e22191.

van Imhoff DE, Dijk PH, Weykamp CW, Cobbaert CM, Hulzebos CV Measurements of neonatal bilirubin and albumin concentrations: a need for improvement and quality control. *Eur J Pediatr* 2011; 170 (8): 977-82.

van den Ouwehand JMW, Beijers AM, van Daal H. Methylmalonzuurmeting in serum en urine met behulp van LC-tandem massaspectrometrie. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 260-1.

Janssen MJW, Hendrickx BH, Habets-van der Poel CD, van den Bergh JP, Haagen AA, Bakker JA. Accuracy of the Precision (R) point-of-care ketone test examined by liquid chromatography tandem-mass spectrometry (LC-MS/MS) in the same fingerstick sample. *Clin Chem Lab Med*. 2011; 49: S680.

van den Ouwehand JMW, Beijers AM, van Daal HW. Diagnostische opbrengst van standaard reflexmeting op serum methylmalonzuur voor het vaststellen van een functioneel vitamine B12 tekort. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 263-4.

Koel-Simmelink MJ, Teunissen CE, Behradkia P, Blankenstein MA, Petzold A. The neurofilament light chain is not stable in vitro. *Ann Neurol*. 2011; 69 (6): 1065-6.

Lenters-Westra E, Weykamp C, Schindhelm RK, Siebelder C, Bilo HJ, Slingerland RJ. One in five laboratories using various hemoglobin A (1c) methods do not meet the criteria for optimal diabetes care management. *Diabetes Technol Ther*. 2011; 13 (4): 429-33.

Loos WJ, de Graan AJ, de Brujin P, van Schaik RH, van Fessem MA, Lam MH, Mathijssen RH, Wiemer EA. Simultaneous quantification of dextromethorphan and its metabolites dextrorphan, 3-methoxymorphinan and 3-hydroxymorphinan in human plasma by ultra performance liquid chromatography/tandem triple-quadrupole mass spectrometry. *J Pharm Biomed Anal*. 2011; 54 (2): 387-94.

Fraser MAM, Blüggel A, van Dongen-Lases EC, Sturk A, Nieven van Dijkum EJM, Gouma DJ, Fischer JC. Foutieve 'point-of-care' glucosemeting in een acute situatie. *Ned Tijdschr Klin Labgeneesk*. 2011; 36: 23-6.

Meesters RJ, den Boer E, de Jonge R, Lindemans J, Luider TM. Assessment of intracellular methotrexate and methotrexate-polyglutamate metabolite concentrations in erythrocytes by ultrafast matrix-assisted laser desorption/ionization triple quadrupole tandem mass spectrometry. *Rapid Commun Mass Spectrom*. 2011; 30; 25 (20): 3063-70.

Meesters RJ, den Boer E, Mathot RA, de Jonge R, van Klaveren RJ, Lindemans J, Luider TM. Ultrafast selective quantification of methotrexate in human plasma by high-throughput MALDI-isotope dilution mass spectrometry. *Bioanalysis*. 2011; 3 (12): 1369-78.

Oudejans I, Mosterd A, Bloemen JA, Valk MJ, Velzen van E, Wielders JPM, Zutthoff NP, Rutten FH, Hoes AW. Clinical evaluation of geriatric outpatients with suspected heart failure: value of symptoms, signs, and additional tests. *Eur Heart Fail*. 2011; 13: 518-27.

Out D, Bakermans-Kranenburg MJ, Granger DA, Cobbaert CM, van IJzendoorn MH. State and trait variance in salivary alpha-amylase: a behavioral genetic study. *Biol Psychol*. 2011; 88 (1): 147-54.

de Grouw PLM, Delzenne B, Grundel P, Heckman M, van den Eshof W, Stroobants AK. Evaluatie van een atomaire absorptie spectrometer. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 134-8.

van der Putten K, Koch B, van Someren E, Wielders JPM, ter Wee P, Nagtegaal E, Gaillard C. The role of renal function loss on circadian misalignment of cytokines EPO, IGF-1, IL-6 and TNF-alfa in chronic renal disease. *Neuro Endocrinol Lett*. 2011; 32 (2): 148-53.

Rossum van HH, Buijs MM, Ouwendijk van den JM, Steen G. Validatie van de iSYS (IDS) 25-hydroxyvitamine D-bepaling en vergelijking met vier andere 25-hydroxyvitamine D-meetmethoden. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 267-9.

Sanders RJ, Schoorl M, Dekker E, Snijders D, Boersma WG, Ten Boekel E. Evaluation of a new procalcitonin assay for the Siemens ADVIA Centaur with the established method on the B.R.A.H.M.S Kryptor. *Clin Lab*. 2011; 57 (5-6): 415-20.

Steen G, Klerk A, van der Laan K, Eppens EF. Evaluation of the interference due to haemoglobin, bilirubin and lipids on Immulite 2500 assays: a practical approach. *Ann Clin Biochem*. 2011; 48: 170-5.

Tjalsma H, Laarakkers CM, van Swelm RP, Theurl M, Theurl I, Kemna EH, van der Burgt YE, Venselaar H, Dutilh BE, Russel FG, Weiss G, Masereeuw R, Fleming RE, Swinkels DW. Mass spectrometry analysis of hepcidin peptides in experimental mouse models. *PLoS One*. 2011; 6 (3): e16762.

van Berkel M, Scharnhorst V. Electrolyte-balanced heparin in blood gas syringes can introduce a significant bias in the measurement of positively charged electrolytes. *Clin Chem Lab Med*. 2011; 49 (2): 249-52.

van den Ouwendijk JM, Beijers AM, van Daal H. Fast separation of 25-hydroxyvitamin D3 from 3-epi-25-hydroxyvitamin D3 in human serum by liquid chromatography-tandem mass spectrometry: variable prevalence of 3-epi-25-hydroxyvitamin D3 in infants, children, and adults. *Clin Chem*. 2011; 57 (11): 1618-9.

van Heesch PN, de Rijke YB, Laudy JA, Wildschut HI. Erroneous production of PAPP-A kits: the impact of a downward shift in PAPP-A concentration on the test performance of first-trimester combined screening for Down syndrome. *Prenat Diagn*. 2011; 31 (8): 821-6.

van Wijngaarden P, Hoskam J, Koeken A, Boer JMA, Swinkels DW, Ermens AAM, Cobbaert CM. Primaire hemochromatose door ferroportinegenmutaties: is er een plaats voor hepcidine in de diagnostiek. *Ned Tijdschr Klin Chem Labgk*. 2011; 36: 6-11.

Visser WF, Verhoeven-Duif NM, Ophoff R, Bakker S, Klomp LW, Berger R, de Koning TJ. A sensitive and simple ultra-high-performance-liquid chromatography-tandem mass spectrometry based method for the quantification of d-amino acids in body fluids. *J Chromatogr A*. 2011; 1218 (40): 7130-6.

Weykamp C, Linters-Westra E, van der Vuurst H, Slingerland R, Siebelder C, Visser-Dekkers W. Evaluation of the Menarini/ARKRAY ADAMS Alc HA-8180V analyser for HbA1c. *Clin Chem Lab Med*. 2011; 49 (4): 647-51.

Wielders JPM. Vitamine D multifunctioneel. *Ned Tijdschr Voeding Diëtetiek* 2011; 66 (5): 7-10

Wolf HK, Hijben K, Wijnen van M, Metz de M, Wielders JPM. A novel C2 transferrin variant interfering with the analysis of carbohydrate-deficient transferrin. *Clin Chem Acta*. 2011; 412: 1683-85.

Zhu W, Stevens AP, Dettmer K, Gottfried E, Hoves S, Kreutz M, Holler E, Canelas AB, Kema I, Oefner PJ. Quantitative profiling of tryptophan metabolites in serum, urine, and cell culture supernatants by liquid chromatography-tandem mass spectrometry. *Anal Bioanal Chem*. 2011; 401 (10): 3249-61.

## Analytisch: Moleculaire technieken

Chambers JC, Zhang W, Sehmi J, Li X, Wass MN, Van der Harst P, et al. Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. *Nat Genet*. 2011; 43 (11): 1131-8.

## Bedrijfsvoering: Dienstverlening

Drion I, Joosten H, van Hateren KJJ, Kleefstra N, Krabbe JG, Wetzel JFM, Bilo HJG. Consequenties van leeftijdsgebonden afkappunten voor nierfunctie op de belasting van de eerste- en tweedelijnsgezondheidszorg. *Ned Tijdschr Geneesk*. 2011; 155: A3091.

Swen JJ, Nijenhuis M, de Boer A, Grandia L, Maitland-van der Zee AH, Mulder H, Rongen GA, van Schaik RH, Schalekamp T, Touw DJ, van der Weide J, Wilffert B, Deneer VH, Guchelaar HJ. Pharmacogenetics: from bench to byte--an update of guidelines. *Clin Pharmacol Ther*. 2011; 89 (5): 662-73.

## Bedrijfsvoering: Diversen

Cuper NJ, Verdaasdonk RM, de Roode R, de Vooght KM, Viergever MA, Kalkman CJ, de Graaff JC. Visualizing veins with near-infrared light to facilitate blood withdrawal in children. *Clin Pediatr (Phila)*. 2011; 50 (6): 508-12.

Velthove KJ, Souverein PC, Schweizer RC, van Solinge WW, Leufkens HGM. Risico op ziekte in kaart met biomarkers. *Pharmaceutisch Weekblad*. 2011; 17: 16-8.

## Bedrijfsvoering:

### Kwaliteit / Automatisering / Statistiek

Cooper G, de Jonge N, Ehrmeyer S, Yundt-Pacheco J, Jansen R, Ricós C, Plebani M. Collective opinion paper on findings of the 2010 convocation of experts on laboratory quality. *Clin Chem Lab Med*. 2011; 49 (5): 793-802.

Lam SW, Leenen LP, van Solinge WW, Hietbrink F, Huisman A. Evaluation of hematological parameters on admission for the prediction of 7-day in-hospital mortality in a large trauma cohort. *Clin Chem Lab Med*. 2011; 49 (3): 493-9.

Schindhelm RK, Slingerland RJ, Slingschroeder M, Dikkeschei LD, Hospers HJ. De psychologie van menselijke fouten in diagnostische laboratoria. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36 (3): 169-73.

Schoenmakers CH, Naus AJ, Vermeer HJ, van Loon D, Steen G. Practical application of Sigma Metrics QC procedures in clinical chemistry. *Clin Chem Lab Med*. 2011; 49 (11): 1837-43.

Uijtendaal EV, Zwart-van Rijkom JE, van Solinge WW, Egberts TC. Frequency of laboratory measurement and hyperkalaemia in hospitalised patients using serum potassium concentration increasing drugs. *Eur J Clin Pharmacol*. 2011; 67 (9): 933-40.

## Bedrijfsvoering: Point-of-care testing

Gootjes J. Het belang van een goede preanalytische/analytische training bij de glucosemeting bij neonaten: een praktijkbeeld. *Ned Tijdschr Klin Chem Labgeneesk*. 2011; 36: 30-31.

## Klinisch: Allergie / infectieziekten

Brinkman JW, Vertegaal MJ, Beijer C. Sensibilisatie voor ambrosia: kruidreactie of co-sensibilisatie? *Ned Tijdschr Klin Chem Geneesk*. 2011; 36: 237-239.

Dewalick S, Bexkens ML, van Balkom BW, Wu YP, Smit CH, Hokke CH, de Groot PG, Heck AJ, Tielens AG, van Hellemond JJ. The proteome of the insoluble *Schistosoma mansoni* egg-shell skeleton. *Int J Parasitol*. 2011; 41 (5): 523-32.

Rakhmanina NY, Neely MN, Van Schaik RH, Gordish-Dressman HA, Williams KD, Soldin SJ, van den Anker JN. CYP3A5, ABCB1, and SLCO1B1 polymorphisms and pharmacokinetics and virologic outcome of Lopinavir/Ritonavir in HIV-Infected Children. *Ther Drug Monit.* 2011; 33 (4): 417-24.

van Santen S, de Mast Q, Swinkels DW, van der Ven A. Hepcidin in malaria superinfection: can findings be translated to humans? Comment on: *Nat Med.* 2011 Jun; 17 (6): 732-7. *Nat Med.* 2011 Nov 7; 17 (11): 1341; author reply 1341-2.

van Eijk LT, Kroot JJ, Tromp M, van der Hoeven JG, Swinkels DW, Pickkers P. Inflammation-induced hepcidin-25 is associated with the development of anemia in septic patients: an observational study. *Crit Care.* 2011; 15 (1): R9.

van Mourik MS, Groenwold RH, Berkelbach van der Sprenkel JW, van Solinge WW, Troelstra A, Bonten MJ. Automated detection of external ventricular and lumbar drain-related meningitis using laboratory and microbiology results and medication data. *PLoS One.* 2011; 6 (8): e22846.

Vermeer HJ, Fouraux M. Hazelnoot kan kabeljauw vervangen in screening. *News Reporter.* 2011; 7: 16-17.

## Klinisch: Endocrinologie

Albersen A, Kemper-Proper E, Thelen MH, Kianmanesh Rad NA, Hoedemaeker RF, Boesten LS. A case of consistent discrepancies between urine and blood human chorionic gonadotropin measurements. *Clin Chem Lab Med.* 2011; 49 (6): 1029-32.

Belderbos ME, Houben ML, Wilbrink B, Lentjes E, Bloemen EM, Kimpfen JL, Rovers M, Bont L. Cord blood vitamin D deficiency is associated with respiratory syncytial virus bronchiolitis. *Pediatrics.* 2011; 127 (6): e1513-20.

Bours SP, van Geel TA, Geusens PP, Janssen MJ, Janzing HM, Hoffland GA, Willems PC, van den Bergh JP. Contributors to secondary osteoporosis and metabolic bone diseases in patients presenting with a clinical fracture. *J Clin Endocrinol Metab.* 2011; 96 (5): 1360-7.

de Fost M, van Trotsenburg AS, van Santen HM, Endert E, van den Elzen C, Kamsteeg EJ, Swaab DF, Fliers E. Familial neurohypophyseal diabetes insipidus due to a novel mutation in the arginine vasopressin-neurophysin II gene. *Eur J Endocrinol.* 2011; 165 (1): 161-5.

de Graaff LC, Martin-Martorell P, Baan J, Ballieux B, Smit JW, Rademaker JK. Long-term follow-up of organ-specific antibodies and related organ dysfunction in type 1 diabetes mellitus. *Neth J Med.* 2011; 69 (2): 66-71.

de Ronde W, Vogel S, Bui HN, Heijboer AC. Reduction in 24-hour plasma testosterone levels in subjects who showered 15 or 30 minutes after application of testosterone gel. *Pharmacotherapy.* 2011; 31 (3): 248-52.

Eekman DA, Bultink IE, Heijboer AC, Dijkmans BA, Lems WF. Bone turnover is adequately suppressed in osteoporotic patients treated with bisphosphonates in daily practice. *BMC Musculoskeletal Disord.* 2011; 12: 167.

Eijsbouts AM, Kempers MJ, van den Hoogen FH, Laan RF, Hermus AR, Ross HA, Sweep FC, van de Putte LB. Effects of naproxen and sulphasalazine or methotrexate on hypothalamic-pituitary-adrenal axis activity in patients with rheumatoid arthritis. *Clin Exp Rheumatol.* 2011; 29 (1): 35-42.

Heijmans SM, de Vries TW, Wolthuis A, Kamps AW. Salivary cortisol levels in prepubertal children using inhaled corticosteroids with or without concurrent intranasal corticosteroids. *Pediatr Pulmonol.* 2011; 46 (11): 1055-61.

Herkert JC, Blaauwvriel EE, Hoek A, Veenstra-Knol HE, Kema IP, Arlt W, Kerstens MN. A rare cause of congenital adrenal hyperplasia: Antley-Bixler syndrome due to POR deficiency. *Neth J Med.* 2011; 69 (6): 281-3.

Hofkens W, van den Hoven JM, Pesman GJ, Nabbe KC, Sweep FC, Storm G, van den Berg WB, van Lent PL. Safety of glucocorticoids can be improved by lower yet still effective dosages of liposomal steroid formulations in murine antigen-induced arthritis: comparison of prednisolone with budesonide. *Int J Pharm.* 2011; 416 (2): 493-8.

Jacobs G, Hulskotte E, van Gerven J, Zuurman L, de Kam M, Elassaiss-Schaap J, Ruigt G, van Pelt J, Peeters B, Peeters P, Burggraaf J. Desmopressin as a pharmacological tool in vasoressinergic hypothalamus-pituitary-adrenal axis modulation: neuroendocrine, cardiovascular and coagulatory effects. *J Psychopharmacol.* 2011; 25 (3): 353-60.

Jacobs G, van Gerven J, de Kam M, Elassaiss-Schaap J, Ruigt G, van Pelt J, Peeters B, Peeters P, Hulskotte E. A pharmacological tool to assess vasoressinergic co-activation of the hypothalamus-pituitary-adrenal axis more integrally in healthy volunteers. *J Psychopharmacol.* 2011; 25 (3): 361-9.

Janse F, Eijkemans MJ, Goverde AJ, Lentjes EG, Hoek A, Lambalk CB, Hickey TE, Fausser BC, Norman RJ. Assessment of androgen concentration in women: liquid chromatography-tandem mass spectrometry and extraction RIA show comparable results. *Eur J Endocrinol.* 2011; 165 (6): 925-33.

Kerstens MN, Kobold AC, Volmer M, Koerts J, Sluiter WJ, Dullaart RP. Reference values for aldosterone-renin ratios in normotensive individuals and effect of changes in dietary sodium consumption. *Clin Chem.* 2011; 57 (11): 1607-11.

Khoo AL, Chai LY, Koenen HJ, Sweep FC, Joosten I, Netea MG, van der Ven AJ. Regulation of cytokine responses by seasonality of vitamin D status in healthy individuals. *Clin Exp Immunol.* 2011; 164 (1): 72-9.

Koot YE, Boomsma CM, Eijkemans MJ, Lentjes EG, Macklon NS. Recurrent pre-clinical pregnancy loss is unlikely to be a 'cause' of unexplained infertility. *Hum Reprod.* 2011; 26 (10): 2636-41.

Kuchenbecker WK, Groen H, van Asselt SJ, Bolster JH, Zwerver J, Slart RH, Vd Jagt EJ, Muller Kobold AC, Wolffenbuttel BH, Land JA, Hoek A. In women with polycystic ovary syndrome and obesity, loss of intra-abdominal fat is associated with resumption of ovulation. *Hum Reprod.* 2011; 26 (9): 2505-12.

Kuppens SM, Kooistra L, Hasaart TH, van der Donk RW, Vader HL, Oei GS, Pop VJ. Maternal thyroid function and the outcome of external cephalic version: a prospective cohort study. *BMC Pregnancy Childbirth.* 2011; 11: 10.

Lybol C, Thomas CM, Bulten J, van Dijck JA, Sweep FC, Massuger LF. Increase in the incidence of gestational trophoblastic disease in The Netherlands. *Gynecol Oncol.* 2011; 121 (2): 334-8.

Molenaar N, Johan Groeneveld AB, Dijstelbloem HM, de Jong MF, Girbes AR, Heijboer AC, Beishuizen A. Assessing adrenal insufficiency of corticosteroid secretion using free versus total cortisol levels in critical illness. *Intensive Care Med.* 2011; 37 (12): 1986-93.

Mooij CF, Kroese JM, Sweep FC, Hermus AR, Tack CJ. Adult patients with congenital adrenal hyperplasia have elevated blood pressure but otherwise a normal cardiovascular risk profile. *PLoS One.* 2011; 6 (9): e24204.

Opdam FL, Ballieux BE, Guchelaar H, Pereira AM. Failing hormones. *Neth J Med.* 2011; 69 (1): 528-532.

- Ross HA, de Rijke YB, Sweep FC. Spuriously high free thyroxine values in familial dysalbuminemic hyperthyroxinemia. *Clin Chem*. 2011; 57 (3): 524-5.
- Ross HA, Lenders JW, Sweep FC. A study of longer-time stability of plasma free metanephrenes. *Ann Clin Biochem*. 2011; 48 (Pt 3): 270-1.
- Scheffer PG, Tushuizen ME, Vermue HP, Schindhelm RK, Rustemeijer C, Diamant M. Effect of three consecutive meals on the physicochemical properties of HDL and LDL in individuals with the metabolic syndrome and patients with type 2 diabetes. *Eur J Clin Nutr*. 2011; 65 (11): 1242-9.
- van de Ven AC, Netea-Maier RT, Medici M, Sweep FC, Ross HA, Hofman A, de Graaf J, Kiemeney LA, Hermus AR, Peeters RP, Visser TJ, den Heijer M. Underestimation of effect of thyroid function parameters on morbidity and mortality due to intra-individual variation. *J Clin Endocrinol Metab*. 2011; 96 (12): E204-10.
- van der Crabben SN, Stegenga ME, Blumer RM, Ackermans MT, Endert E, Tanck MW, Serlie MJ, Poll T, Sauerwein HP. Erythrocyte glutathione concentration and production during hyperinsulinemia, hyperglycemia, and endotoxemia in healthy humans. *Metabolism*. 2011; 60 (1): 99-106.
- van Dijk D, Plukker JT, van der Horst-Schrivers AN, Jansen L, Brouwers AH, Muller-Kobold A, Sluiter WJ, Links TP. The value of detectable thyroglobulin in patients with differentiated thyroid cancer after initial (I) (3) (I) I therapy. *Clin Endocrinol (Oxf)*. 2011; 74 (1): 104-10.
- van Drongelen J, Pertijs J, Wouterse A, Hermsen R, Sweep FC, Lotgering FK, Smits P, Spaandermeier ME. Contribution of different local vascular responses to mid-gestational vasodilation. *Am J Obstet Gynecol*. 2011; 205 (2): 155.e12-7.
- van Drongelen J, Ploemen IH, Pertijs J, Gooi JH, Sweep FC, Lotgering FK, Spaandermeier ME, Smits P. Aging attenuates the vasodilator response to relaxin. *Am J Physiol Heart Circ Physiol*. 2011; 300 (5): H1609-15.
- van Honk J, Schutter DJ, Bos PA, Kruyt AW, Lentjes EG, Baron-Cohen S. Testosterone administration impairs cognitive empathy in women depending on second-to-fourth digit ratio. *Proc Natl Acad Sci U S A*. 2011; 108 (8): 3448-52.
- van Liempt S, Vermetten E, Lentjes E, Arends J, Westenberg H. Decreased nocturnal growth hormone secretion and sleep fragmentation in combat-related posttraumatic stress disorder; potential predictors of impaired memory consolidation. *Psychoneuroendocrinol*. 2011; 36 (9): 1361-9.
- van Schijndel JE, van Zweeden M, van Loo KM, Lubbers LJ, Pesman GJ, Sweep FC, Martens GJ. Dopamine susceptibility of APO-SUS rats is not per se coupled to HPA-axis activity. *Physiol Behav*. 2011; 102 (2): 121-5.
- van Trommel NE, Lybol C, Thomas CM, Sweep FC, Massuger LF. Diagnosis and treatment of gestational trophoblastic disease. *Eur Obst Gyn*. 2011; 6 (1): 28-32.
- Verburg FA, Kirchgassner C, Hebestreit H, Steigerwald U, Lentjes EG, Ergezinger K, Grelle I, Reiners C, Luster M. Reference ranges for analytes of thyroid function in children. *Horm Metab Res*. 2011; 43 (6): 422-6.
- Vermeulen MA, Richir MC, Garretsen MK, van Schie A, Ghatei MA, Holst JJ, Heijboer AC, Uitdehaag BM, Diamant M, Eekhoff EM, van Leeuwen PA, Ligthart-Melis GC. Gastric emptying, glucose metabolism and gut hormones: evaluation of a common preoperative carbohydrate beverage. *Nutrition*. 2011; 27 (9): 897-903.
- Vervloet MG, van Ittersum FJ, Buttler RM, Heijboer AC, Blankenstein MA, Ter Wee PM. Effects of dietary phosphate and calcium intake on fibroblast growth factor-23. *Clin J Am Soc Nephrol*. 2011; 6 (2): 383-9.
- Visser AK, van Waarde A, Willemse AT, Bosker FJ, Luitjen PG, den Boer JA, Kema IP, Dierckx RA. Measuring serotonin synthesis: from conventional methods to PET tracers and their (pre)clinical implications. *Eur J Nucl Med Mol Imaging*. 2011; 38 (3): 576-91.
- Visser WE, de Rijke YB, van Toor H, Visser TJ. Thyroid status in a large cohort of patients with mental retardation: the TOP-R (Thyroid Origin of Psychomotor Retardation) study. *Clin Endocrinol (Oxf)*. 2011; 75 (3): 395-401.
- Vlasveld JTh, van 't Wout JW, Castel A. False elevation of chromogranin a due to proton pump inhibitors. *Neth J Med*. 2011; 69 (4); 207.
- Westra AE, Zegers MP, Sukhai RN, Kaptein AA, Holscher HC, Ballieux BE, van Zwet EW, Wit JM. Discomfort in children undergoing unsedated MRI. *Eur J Pediatr*. 2011; 170 (6): 771-7.
- ### Klinisch: Erfelijke stofwisselingsziekten
- Aires CC, van Cruchten A, IJlst L, de Almeida IT, Duran M, Wanders RJ, Silva MF. New insights on the mechanisms of valproate-induced hyperammonemia: inhibition of hepatic N-acetylglutamate synthase activity by valproyl-CoA. *J Hepatol*. 2011; 55 (2): 426-34.
- Ali Pervaiz M, Patterson MC, Struys EA, Salomons GS, Jakobs C, Oglesbee D, Kirmani S. Co-morbidity of Sanfilippo syndrome type C and D-2-hydroxyglutaric aciduria. *J Neurol*. 2011; 258 (8): 1564-5.
- Anjema K, van Rijn M, Verkerk PH, Burgerhof JG, Heiner-Fokkema MR, van Spronsen FJ. PKU: high plasma phenylalanine concentrations are associated with increased prevalence of mood swings. *Mol Genet Metab*. 2011; 104 (3): 231-4.
- Anjema K, Venema G, Hofstede FC, Carbasius Weber EC, Bosch AM, Ter Horst NM, Hollak CE, Jonkers CF, Rubio-Gozalbo ME, van der Ploeg EM, de Vries MC, Janssen-Regelink RG, Janssen MC, Zweers-van Essen H, Boelen CC, van der Herberg-van de Wetering NA, Heiner-Fokkema MR, van Rijn M, van Spronsen FJ. The 48-hour tetrahydrobiopterin loading test in patients with phenylketonuria: Evaluation of protocol and influence of baseline phenylalanine concentration. *Mol Genet Metab*. 2011; 104 Suppl: S60-3.
- Avis HJ, Hargreaves IP, Ruiter JP, Land JM, Wanders RJ, Wijburg FA. Rosuvastatin lowers coenzyme Q10 levels, but not mitochondrial adenosine triphosphate synthesis, in children with familial hypercholesterolemia. *J Pediatr*. 2011; 158 (3): 458-62.
- Bakker JA, Lindhout M, Habets DD, van den Wijngaard A, Paulussen AD, Bierau J. The effect of ITPA polymorphisms on the enzyme kinetic properties of human erythrocyte inosine triphosphatase toward its Substrates ITP and 6-Thio-ITP. *Nucleosides Nucleotides Nucleic Acids*. 2011; 30 (11): 839-49.
- Balasubramaniam S, Wamelink MM, Ngu LH, Talib A, Salomons GS, Jakobs C, Keng WT. Novel heterozygous mutations in TALDO1 gene causing transaldolase deficiency and early infantile liver failure. *J Pediatr Gastroenterol Nutr*. 2011; 52 (1): 113-6.

- Banka S, Blom HJ, Walter J, Aziz M, Urquhart J, Clouthier CM, Rice GI, de Brouwer AP, Hilton E, Vassallo G, Will A, Smith DE, Smulders YM, Wevers RA, Steinfeld R, Heales S, Crow YJ, Pelletier JN, Jones S, Newman WG. Identification and characterization of an inborn error of metabolism caused by dihydrofolate reductase deficiency. *Am J Hum Genet.* 2011; 88 (2): 216-25.
- Betsalel OT, Rosenberg EH, Almeida LS, Kleefstra T, Schwartz CE, Valayannopoulos V, Abdul-Rahman O, Poplawski N, Vilarinho L, Wolf P, den Dunnen JT, Jakobs C, Salomons GS. Characterization of novel SLC6A8 variants with the use of splice-site analysis tools and implementation of a newly developed LOVD database. *Eur J Hum Genet.* 2011; 19 (1): 56-63.
- Bierau J, Pooters IN, Visser D, Bakker JA. An HPLC-based assay of adenylosuccinate lyase in erythrocytes. *Nucleosides Nucleotides Nucleic Acids.* 2011; 30 (11): 908-17.
- Bjursell MK, Blom HJ, Cayuela JA, Engvall ML, Lesko N, Balasubramaniam S, Brandberg G, Halldin M, Falkenberg M, Jakobs C, Smith D, Struys E, von Dobeln U, Gustafsson CM, Lundeberg J, Wedell A. Adenosine kinase deficiency disrupts the methionine cycle and causes hypermethioninemia, encephalopathy, and abnormal liver function. *Am J Hum Genet.* 2011; 89 (4): 507-15.
- Blom HJ, Smulders Y. Overview of homocysteine and folate metabolism. With special references to cardiovascular disease and neural tube defects. *J Inherit Metab Dis.* 2011; 34 (1): 75-81.
- Bosch AM, Abeling NG, Ijlst L, Knoester H, van der Pol WL, Stroomer AE, Wanders RJ, Visser G, Wijburg FA, Duran M, Waterham HR. Brown-Vialetto-Van Laere and Fazio Londe syndrome is associated with a riboflavin transporter defect mimicking mild MADD: a new inborn error of metabolism with potential treatment. *J Inherit Metab Dis.* 2011; 34 (1): 159-64.
- Bralten LB, Kloosterhof NK, Balvers R, Sacchetti A, Lapre L, Lamfers M, Leenstra S, de Jonge H, Kros JM, Jansen EE, Struys EA, Jakobs C, Salomons GS, Diks SH, Peppelenbosch M, Kremer A, Hoogenraad CC, Sillevis Smitt PA, French PJ. IDH1 R132H decreases proliferation of glioma cell lines in vitro and in vivo. *Ann Neurol.* 2011; 69 (3): 455-63.
- Cario H, Smith DE, Blom H, Blau N, Bode H, Holzmann K, Pannicke U, Hopfner KP, Rump EM, Ayric Z, Kohne E, Debatin KM, Smulders Y, Schwarz K. Dihydrofolate reductase deficiency due to a homozygous DHFR mutation causes megaloblastic anemia and cerebral folate deficiency leading to severe neurologic disease. *Am J Hum Genet.* 2011; 88 (2): 226-31.
- de Vogel-van den Bosch J, Hoeks J, Timmers S, Houten SM, van Dijk PJ, Boon W, van Beurden D, Schaat G, Kersten S, Voshol PJ, Wanders RJ, Hesselink MK, Schrauwen P. The effects of long- or medium-chain fat diets on glucose tolerance and myocellular content of lipid intermediates in rats. *Obesity (Silver Spring).* 2011; 19 (4): 792-9.
- Dill P, Schneider J, Weber P, Trachsel D, Tekin M, Jakobs C, Thöny B, Blau N. Pyridoxal phosphate-responsive seizures in a patient with cerebral folate deficiency (CFD) and congenital deafness with labyrinthine aplasia, microtia and microdontia (LAMM). *Mol Genet Metab.* 2011; 104 (3): 362-8.
- Ebberink MS, Mooijer PA, Gootjes J, Koster J, Wanders RJ, Waterham HR. Genetic classification and mutational spectrum of more than 600 patients with a Zellweger syndrome spectrum disorder. *Hum Mutat.* 2011; 32 (1): 59-69.
- Engelen M, van der Kooi AJ, Kemp S, Wanders RJ, Sistermans EA, Waterham HR, Koelman JT, van Geel BM, de Visser M. X-linked adrenomyeloneuropathy due to a novel missense mutation in the ABCD1 start codon presenting as demyelinating neuropathy. *J Peripher Nerv Syst.* 2011; 16 (4): 353-5.
- Engqvist MK, Kuhn A, Wienstroer J, Weber K, Jansen EE, Jakobs C, Weber AP, Maurino VG. Plant D-2-hydroxyglutarate dehydrogenase participates in the catabolism of lysine especially during senescence. *J Biol Chem.* 2011; 286 (13): 11382-90.
- Farber CM, Wanders RJ, Goffard JC, Parma J. A woman with recurrent 'infections' since birth--a new mevalonate kinase mutation. *Acta Clin Belg.* 2011; 66 (2): 129-31.
- Fowler B, Blom HJ, Kozich V. Foreword to special issue on homocysteine disorders. *J Inher Metab Dis.* 2011; 34 (1): 1-2.
- Gerards M, van den Bosch BJ, Danhauser K, Serre V, van Weeghel M, Wanders RJ, Nicolaes GA, Sluiter W, Schoonderwoerd K, Scholte HR, Prokisch H, Rotig A, de Coo IF, Smeets HJ. Riboflavin-responsive oxidative phosphorylation complex I deficiency caused by defective ACAD9: new function for an old gene. *Brain.* 2011; 134 (Pt 1): 210-9.
- Ghirri P, Vuerich M, Ferdinandusse S, Waterham HR, Guzzetta A, Bianchi MC, Boldrini A, Wanders RJ. A case of D-bifunctional protein deficiency: clinical, biochemical and molecular investigations. *Pediatr Int.* 2011; 53 (4): 583-7.
- Gruning NM, Rinnerthaler M, Bluemlein K, Mulleder M, Wamelink MM, Lehrach H, Jakobs C, Breitenbach M, Ralser M. Pyruvate kinase triggers a metabolic feedback loop that controls redox metabolism in respiring cells. *Cell Metab.* 2011; 14 (3): 415-27.
- Gubbels CS, Thomas CMG, Wodzig WKWH, Olthaar AJ, Jaeken J, Sweep FCGJ, Rubio-Gozalbo ME. FSH isoform pattern in classic galactosemia. *J Inher Metab Dis.* 2011; 34 (2): 387-90.
- Hartmann H, Fingerhut M, Jakobs C, Plecko B. Status epilepticus in a neonate treated with pyridoxine because of a familial recurrence risk for antiquitin deficiency: pyridoxine toxicity? *Dev Med Child Neurol.* 2011; 53 (12): 1150-3.
- Jung AY, Smulders Y, Verhoeven P, Kok FJ, Blom H, Kok RM, Kampman E, Durga J. No effect of folic acid supplementation on global DNA methylation in men and women with moderately elevated homocysteine. *PLoS One.* 2011; 6 (9): e24976.
- Kemp S, Theodoulou FL, Wanders RJ. Mammalian peroxisomal ABC transporters: from endogenous substrates to pathology and clinical significance. *Br J Pharmacol.* 2011; 164 (7): 1753-66.
- Kim KJ, Pearl PL, Jensen K, Snead OC, Malaspina P, Jakobs C, Gibson KM. Succinic semialdehyde dehydrogenase: biochemical-molecular-clinical disease mechanisms, redox regulation, and functional significance. *Antioxid Redox Signal.* 2011; 15 (3): 691-718.
- Kou J, Kovacs GG, Häftberger R, Kulik W, Brodde A, Forss-Petter S, Häning Schnabl S, Gleiss A, Brügger B, Wanders R, Just W, Budka H, Jungwirth S, Fischer P, Berger J. Peroxisomal alterations in Alzheimer's disease. *Acta Neuropathol.* 2011; 122 (3): 271-83.
- Kranendijk M, Salomons GS, Gibson KM, Van Schaftingen E, Jakobs C, Struys EA. A lymphoblast model for IDH2 gain-of-function activity in d-2-hydroxyglutaric aciduria type II: novel avenues for biochemical and therapeutic studies. *Biochim Biophys Acta.* 2011; 1812 (11): 1380-4.

- Krüger A, Grüning NM, Wamelink MM, Kerick M, Kirby A, Parkhomchuk D, Bluemlein K, Schweiger MR, Soldatov A, Lehrach H, Jakobs C, Ralser M. The pentose phosphate pathway is a metabolic redox sensor and regulates transcription during the antioxidant response. *Antioxid Redox Signal*. 2011; 15 (2): 311-24.
- Luís PB, Ruiter JP, IJlst L, Tavares de Almeida I, Duran M, Mohsen AW, Vockley J, Wanders RJ, Silva MF. Role of isovaleryl-CoA dehydrogenase and short branched-chain acyl-CoA dehydrogenase in the metabolism of valproic acid: implications for the branched-chain amino acid oxidation pathway. *Drug Metab Dispos*. 2011; 39 (7): 1155-60.
- Luís PB, Ruiter JP, Ofman R, Ijlst L, Moedas M, Diogo L, Garcia P, de Almeida IT, Duran M, Wanders RJ, Silva MF. Valproic acid utilizes the isoleucine breakdown pathway for its complete β-oxidation. *Biochem Pharmacol*. 2011; 82 (11): 1740-6.
- Millet A, Salomons GS, Cneude F, Corne C, Debillon T, Jakobs C, Struys E, Hamelin S. Novel mutations in pyridoxine-dependent epilepsy. *Eur J Paediatr Neurol*. 2011; 15 (1): 74-7.
- Pearl PL, Shukla L, Theodore WH, Jakobs C, Michael Gibson K. Epilepsy in succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism. *Brain Dev*. 2011; 33 (9): 796-805.
- Peters V, Jansen EE, Jakobs C, Riedl E, Janssen B, Yard BA, Wedel J, Hoffmann GF, Zschocke J, Gotthardt D, Fischer C, Koppel H. Anserine inhibits carnosine degradation but in human serum carnosinase (CN1) is not correlated with histidine dipeptide concentration. *Clin Chim Acta*. 2011; 412 (3-4): 263-7.
- Pizzolo F, Blom HJ, Choi SW, Girelli D, Guarini P, Martinelli N, Stanzial AM, Corrocher R, Olivieri O, Friso S. Folic Acid effects on s-adenosylmethionine, s-adenosylhomocysteine, and DNA methylation in patients with intermediate hyperhomocysteinemia. *J Am Coll Nutr*. 2011; 30 (1): 11-8.
- Prigione A, Lichtner B, Kuhl H, Struys EA, Wamelink M, Lehrach H, Ralser M, Timmermann B, Adjaye J. Human induced pluripotent stem cells harbor homoplasmic and heteroplasmic mitochondrial DNA mutations while maintaining human embryonic stem cell-like metabolic reprogramming. *Stem Cells*. 2011; 29 (9): 1338-48.
- Scher AI, Wu H, Tsao JW, Blom HJ, Feit P, Nevin RL, Schwab KA. MTHFR C677T genotype as a risk factor for epilepsy including post-traumatic epilepsy in a representative military cohort. *J Neurotrauma*. 2011; 28 (9): 1739-45.
- Schmidt SP, Corydon TJ, Pedersen CB, Vang S, Palmfeldt J, Stenbroen V, Wanders RJ, Ruiter JP, Gregersen N. Toxic response caused by a misfolding variant of the mitochondrial protein short-chain acyl-CoA dehydrogenase. *J Inherit Metab Dis*. 2011; 34 (2): 465-75.
- Schug ZT, Gonzalvez F, Houtkooper RH, Vaz FM, Gottlieb E. BID is cleaved by caspase-8 within a native complex on the mitochondrial membrane. *Cell Death Differ*. 2011; 18 (3): 538-48.
- Sevin C, Ferdinandusse S, Waterham HR, Wanders RJ, Aubourg P. Autosomal recessive cerebellar ataxia caused by mutations in the PEX2 gene. *Orphanet J Rare Dis*. 2011; 6: 8.
- Siggberg L, Mustonen A, Schuit R, Salomons GS, Roos B, Gibson KM, Jakobs C, Ignatius J, Knuutila S. Familial 6p22.2 duplication associates with mild developmental delay and increased SSADH activity. *Am J Med Genet B Neuropsychiatr Genet*. 2011; 156B (4): 448-53.
- Smulders YM, Blom HJ. The homocysteine controversy. *J Inherit Metab Dis*. 2011; 34 (1): 93-9.
- Stockler S, Plecko B, Gospe SM Jr, Coulter-Mackie M, Connolly M, van Karnebeek C, Mercimek-Mahmutoglu S, Hartmann H, Scherer G, Struijs E, Tein I, Jakobs C, Clayton P, van Hove JL. Pyridoxine dependent epilepsy and antiquinolinic acid deficiency: clinical and molecular characteristics and recommendations for diagnosis, treatment and follow-up. *Mol Genet Metab*. 2011; 104 (1-2): 48-60.
- Tabatabaie L, Klomp LW, Rubio-Gozalbo ME, Spaapen LJ, Haagen AA, Dorland L, de Koning TJ. Expanding the clinical spectrum of 3-phosphoglycerate dehydrogenase deficiency. *J Inher Metab Dis*. 2011; 34 (1): 181-4.
- van de Kamp J, Mancini G, Pouwels P, Betsalel O, van Dooren S, de Koning I, Steenweg M, Jakobs C, van der Knaap M, Salomons G. Clinical features and X-inactivation in females heterozygous for creatine transporter defect. *Clin Genet*. 2011; 79 (3): 264-72.
- van Maldegem BT, Kloosterman SF, Janssen WJ, Augustijn PB, van der Lee JH, Ijlst L, Waterham HR, Duran R, Wanders RJ, Wijburg FA. High prevalence of short-chain acyl-CoA dehydrogenase deficiency in the Netherlands, but no association with epilepsy of unknown origin in childhood. *Neuropediatrics*. 2011; 42 (1): 13-7.
- van Roermund CW, Visser WF, Ijlst L, Waterham HR, Wanders RJ. Differential substrate specificities of human ABCD1 and ABCD2 in peroxisomal fatty acid beta-oxidation. *Biochim Biophys Acta*. 2011; 1811 (3): 148-52.
- van Tienen FH, van der Kallen CJ, Lindsey PJ, Wanders RJ, van Greevenbroek MM, Smeets HJ. Preadipocytes of type 2 diabetes subjects display an intrinsic gene expression profile of decreased differentiation capacity. *Int J Obes (Lond)*. 2011; 35 (9): 1154-64.
- van Veen MR, van Hasselt PM, de Sain-van der Velden MG, Verhoeven N, Hofstede FC, de Koning TJ, Visser G. Metabolic profiles in children during fasting. *Pediatrics*. 2011; 127 (4): e1021-7.
- Verhagen JM, Schrander-Stumpel CT, Krapels IP, de Die-Smulders CE, van Lint FH, Willekes C, Weber JW, Gavilanes AW, Maeville MV, Stegmann AP, Engelen JJ, Bakker J, Vos YJ, Frints SG. Congenital hydrocephalus in clinical practice: a genetic diagnostic approach. *Eur J Med Genet*. 2011; 54 (6): e542-7.
- Vugteveen I, Hoeksma M, Monsen AL, Fokkema MR, Reijngoud DJ, van Rijn M, van Spronsen FJ. Serum vitamin B12 concentrations within reference values do not exclude functional vitamin B12 deficiency in PKU patients of various ages. *Mol Genet Metab*. 2011; 102 (1): 13-7.
- Wamelink MM, Roos B, Jansen EE, Mulder MF, Gibson KM, Jakobs C. 4-Hydroxybutyric aciduria associated with catheter usage: a diagnostic pitfall in the identification of SSADH deficiency. *Mol Genet Metab*. 2011; 102 (2): 216-7.
- Wamelink MM, Struys E, Holwerda U, Sistermans EA, van Spaendonk RM, Halley D, Willemse MA, Jakobs C, van der Knaap MS, Wolf NI. N-acetylaspartylglutamate in CNS hypomyelination. *Neuropediatrics*. 2011; 42 (2): 74-7.
- Wamelink MM, Struys EA, Jansen EE, Blom HJ, Vilboux T, Gahl WA, Komhoff M, Jakobs C, Levchenko EN. Elevated concentrations of sedoheptulose in bloodspots of patients with cystinosis caused by the 57-kb deletion: Implications for diagnostics and neonatal screening. *Mol Genet Metab*. 2011; 102 (3): 339-42.
- Wanders RJ, Komen J, Ferdinandusse S. Phytanic acid metabolism in health and disease. *Biochim Biophys Acta*. 2011; 1811 (9): 498-507.

Wanders RJ, Komen J, Kemp S. Fatty acid omega-oxidation as a rescue pathway for fatty acid oxidation disorders in humans. *FEBS J.* 2011; 278 (2): 182-94.

Westermann CM, Dorland L, Wijnberg ID, de Sain-van der Velden MG, van Breda E, Barneveld A, de Graaf-Roelfsema E, Keizer HA, van der Kolk JH. Amino acid profile during exercise and training in Standardbreds. *Res Vet Sci.* 2011; 91 (1): 144-9.

Wijsman CA, van Heemst D, Rozing MP, Slagboom PE, Beekman M, de Craen AJ, Maier AB, Westendorp RG, Blom HJ, Mooijaart SP. Homocysteine and familial longevity: the Leiden longevity study. *PLoS One.* 2011; 6 (3): e17543.

Zhang X, De Marcos Lousa C, Schutte-Lensink N, Ofman R, Wanders RJ, Baldwin SA, Baker A, Kemp S, Theodoulou FL. Conservation of targeting but divergence in function and quality control of peroxisomal ABC transporters: an analysis using cross-kingdom expression. *Biochem J.* 2011; 436 (3): 547-57.

#### Klinisch: Gynaecologie / obstetrie / perinatologie

de Jonge LL, Steegers EA, Ernst GD, Lindemans J, Russcher H, Hofman A, Jaddoe VW. C-reactive protein levels, blood pressure and the risks of gestational hypertensive complications: the Generation R Study. *J Hypertens.* 2011; 29 (12): 2413-21.

Engels MA, Heijboer AC, Blankenstein MA, van Vugt JM. Performance of first-trimester combined test for Down syndrome in different maternal age groups: reason for adjustments in screening policy? *Prenat Diagn.* 2011; 31 (13): 1241-5.

Ernst GD, de Jonge LL, Hofman A, Lindemans J, Russcher H, Steegers EA, Jaddoe VW. C-reactive protein levels in early pregnancy, fetal growth patterns, and the risk for neonatal complications: the Generation R Study. *Am J Obstet Gynecol.* 2011; 205 (2): 132.e1-12.

Kuijper EA, Blankenstein MA, Luttkhof LJ, Roek SJ, Overbeek A, Hompes PG, Twisk JW, Lambalk CB. Frequency distribution of polymorphisms in the FSH receptor gene in infertility patients of different ethnicity. Republished from: *Reprod Biomed Online.* 2010; 20 (5): 588-93. *Reprod Biomed Online.* 2011; 22 Suppl 1: S60-5.

Hammiche F, Laven JS, van Mil N, de Cock M, de Vries JH, Lindemans J, Steegers EA, Steegers-Theunissen RP. Tailored preconceptual dietary and lifestyle counselling in a tertiary outpatient clinic in The Netherlands. *Hum Reprod.* 2011; 26 (9): 2432-41.

Janssens PM, Nap AW, Bancsi LF. Reconsidering the number of offspring per gamete donor in the Dutch open-identity system. *Hum Fertil (Camb).* 2011; 14 (2): 106-14.

Kuipers RS, Luxwolda MF, Dijck-Brouwer DA, Muskiet FA. Differences in preterm and term milk fatty acid compositions may be caused by the different hormonal milieu of early parturition. *Prostaglandins Leukot Essent Fatty Acids.* 2011; 85 (6): 369-79.

Kuipers RS, Luxwolda MF, Janneke Dijck-Brouwer DA, Muskiet FA. Intrauterine, postpartum and adult relationships between arachidonic acid (AA) and docosahexaenoic acid (DHA). *Prostaglandins Leukot Essent Fatty Acids.* 2011; 85 (5): 245-52.

Kuipers RS, Luxwolda MF, Sango WS, Kwasigabo G, Dijck-Brouwer DA, Muskiet FA. Maternal DHA equilibrium during pregnancy and lactation is reached at an erythrocyte DHA content of 8 g/100 g fatty acids. *J Nutr.* 2011; 141 (3): 418-27.

Kuipers RS, Luxwolda MF, Sango WS, Kwasigabo G, Dijck-Brouwer DA, Muskiet FA. Postdelivery changes in maternal and infant erythrocyte fatty acids in 3 populations differing in fresh water fish intakes. *Prostaglandins Leukot Essent Fatty Acids.* 2011; 85 (6): 387-97.

Kuipers RS, Luxwolda MF, Sango WS, Kwasigabo G, Velzing-Aarts FV, Dijck-Brouwer DA, Muskiet FA. Postpartum changes in maternal and infant erythrocyte fatty acids are likely to be driven by restoring insulin sensitivity and DHA status. *Med Hypotheses.* 2011; 76 (6): 794-801.

Kuppens SM, Kooistra L, Wijnen HA, Vader HL, Hasaart TH, Oei SG, Vulsm T, Pop VJ. Neonatal thyroid screening results are related to gestational maternal thyroid function. *Clin Endocrinol (Oxf).* 2011; 75 (3): 382-7.

Obermann-Borst SA, Isaacs A, Younes Z, van Schaik RH, van der Heiden IP, van Duyn CM, Steegers EA, Steegers-Theunissen RP. General maternal medication use, folic acid, the MDR1 C3435T polymorphism, and the risk of a child with a congenital heart defect. *Am J Obstet Gynecol.* 2011; 204 (3): 236.e1-8.

Obermann-Borst SA, Vujkovic M, de Vries JH, Wildhagen MF, Loosman CW, de Jonge R, Steegers EA, Steegers-Theunissen RP. A maternal dietary pattern characterised by fish and seafood in association with the risk of congenital heart defects in the offspring. *BJOG.* 2011; 118 (10): 1205-15.

Rayman MP, Wijnen H, Vader H, Kooistra L, Pop V. Maternal selenium status during early gestation and risk for preterm birth. *CMAJ.* 2011; 183 (5): 549-55.

Sep S, Rijvers C, Smits L, van Bilsen M, Bekers O, Peeters L. Early-pregnancy changes in maternal lipid profile in women with recurrent preeclampsia and previously preeclamptic women with normal next pregnancy. *Reprod Sci.* 2011; 18 (10): 998-1004.

Timmermans S, Steegers-Theunissen RP, Vujkovic M, Bakker R, den Breeijen H, Raat H, Russcher H, Lindemans J, Hofman A, Jaddoe VW, Steegers EA. Major dietary patterns and blood pressure patterns during pregnancy: the Generation R Study. *Am J Obstet Gynecol.* 2011; 205 (4): 337.e1-12.

Twigt JM, Hammiche F, Sinclair KD, Beckers NG, Visser JA, Lindemans J, de Jong FH, Laven JS, Steegers-Theunissen RP. Preconception folic Acid use modulates estradiol and follicular responses to ovarian stimulation. *J Clin Endocrinol Metab.* 2011; 96 (2): E322-9.

van de Lagemaat M, Rotteveel J, Muskiet FA, Schaafsma A, Lafeber HN. Post term dietary-induced changes in DHA and AA status relate to gains in weight, length, and head circumference in preterm infants. *Prostaglandins Leukot Essent Fatty Acids.* 2011; 85 (6): 311-6.

Van Santen S, de Mast Q, Luty AJ, Wiegerinck ET, Van der Ven AJ, Swinkels DW. Iron homeostasis in mother and child during placental malaria infection. *Am J Trop Med Hyg.* 2011; 84 (1): 148-51.

Vandenbergh G, Mensink I, Twisk JW, Blankenstein MA, Heijboer AC, van Vugt JM. First trimester screening for intrauterine growth restriction and early-onset pre-eclampsia. *Prenat Diagn.* 2011; 31 (10): 955-61.

#### Klinisch: Hart- en vaatziekten

Bouman HJ, Harmsze AM, van Werkum JW, Breet NJ, Bergmeijer TO, Ten Cate H, Hackeng CM, Deneer VH, Ten Berg JM. Variability in on-treatment platelet reactivity explained by CYP2C19\*2 genotype is modest in clopidogrel pretreated patients undergoing coronary stenting. *Heart.* 2011; 97 (15): 1239-44.

- Bouman HJ, Schöming E, van Werkum JW, Velder J, Hackeng CM, Hirschhäuser C, Waldmann C, Schmalz HG, Ten Berg JM, Taubert D. Paraoxonase-1 is a major determinant of clopidogrel efficacy. *Nat Med.* 2011 Jan; 17 (1): 110-6.
- Bouman HJ, van Werkum JW, Breet NJ, ten Cate H, Hackeng CM, ten Berg JM. A case-control study on platelet reactivity in patients with coronary stent thrombosis. *J Thromb Haemost.* 2011; 9 (5): 909-16.
- Breet NJ, Sluman MA, van Berkelaar MA, van Werkum JW, Bouman HJ, Harmsze AM, Kelder JC, Zijlstra F, Hackeng CM, Ten Berg JM. Effect of gender difference on platelet reactivity. *Neth Heart J.* 2011; 19 (11): 451-7.
- Breet NJ, van Donkersgoed HE, van Werkum JW, Bouman HJ, Kelder JC, Zijlstra F, Hackeng CM, Ten Berg JM. Is platelet inhibition due to thienopyridines increased in elderly patients, in patients with previous stroke and patients with low body weight as a possible explanation of an increased bleeding risk? *Neth Heart J.* 2011; 19 (6): 279-84.
- Breet NJ, van Werkum JW, Bouman HJ, Kelder JC, Hackeng CM, ten Berg JM. The relationship between platelet reactivity and infarct-related artery patency in patients presenting with a ST-elevation myocardial infarction. *Thromb Haemost.* 2011; 106 (2): 331-6.
- Breet NJ, van Werkum JW, Bouman HJ, Kelder JC, Harmsze AM, Hackeng CM, ten Berg JM. High on-treatment platelet reactivity to both aspirin and clopidogrel is associated with the highest risk of adverse events following percutaneous coronary intervention. *Heart.* 2011; 97 (12): 983-90.
- Breet NJ, van Werkum JW, Bouman HJ, Kelder JC, Ten Berg JM, Hackeng CM. Both peak and late aggregation are capable of identifying patients at risk for atherothrombotic events. *Thromb Haemost.* 2011; 105 (1): 197-9.
- Brouwers O, Niessen PM, Ferreira I, Miyata T, Scheffer PG, Teerlink T, Schrauwen P, Brownlee M, Stehouwer CD, Schalkwijk CG. Overexpression of Glyoxalase-I reduces hyperglycemia-induced levels of advanced glycation end products and oxidative stress in diabetic rats. *J Biol Chem.* 2011; 286 (2): 1374-80.
- Carlstrom M, Persson AE, Larsson E, Hezel M, Scheffer PG, Teerlink T, Weitzberg E, Lundberg JO. Dietary nitrate attenuates oxidative stress, prevents cardiac and renal injuries, and reduces blood pressure in salt-induced hypertension. *Cardiovasc Res.* 2011; 89 (3): 574-585.
- Chon H, Neumann J, Boer P, Joles JA, Braam B. Enhanced Angiotensin II type 1 receptor expression in leukocytes of patients with chronic kidney disease. *Eur J Pharmacol.* 2011; 666 (1-3): 205-10.
- Cobbaert CM. Yin en yang van hartmerkers - relevante ontwikkelingen voor de huisartsenpraktijk. *Modern Medecine* 2011; 4: 138-42.
- Divakaran V, Mehta S, Yao D, Hassan S, Simpson S, Wiegerinck E, Swinkels DW, Mann DL, Afshar-Kharghan V. Hepcidin in anemia of chronic heart failure. *Am J Hematol.* 2011; 86 (1): 107-9.
- Engelen L, Lund SS, Ferreira I, Tarnow L, Parving HH, Gram J, Winther K, Pedersen O, Teerlink T, Barto R, Stehouwer CD, Vaag AA, Schalkwijk CG. Improved glycemic control induced by both metformin and repaglinide is associated with a reduction in blood levels of 3-deoxyglucosone in nonobese patients with type 2 diabetes. *Eur J Endocrinol.* 2011; 164 (3): 371-379.
- Engelen L, Persson F, Ferreira I, Rossing P, Hovind P, Teerlink T, Stehouwer CD, Parving HH, Schalkwijk CG. Irbesartan treatment does not influence plasma levels of the advanced glycation end products Nvarepsilon-lysine and Nvarepsilon-lysine in patients with type 2 diabetes and microalbuminuria. A randomized controlled trial. *Nephrol Dial Transplant.* 2011; 26 (11): 3573-7.
- Muskiet FAJ. De evolutionaire achtergrond, oorzaak en consequenties van chronische systemische lage graad ontsteking; betekenis voor de klinische chemie. *Ned Tijdschr Klin Chem Labgeneesk.* 2011; 36: 199-210.
- Gao X, Patzak A, Sendeski M, Scheffer PG, Teerlink T, Sällström J, Fredholm BB, Persson AE, Carlström M. Adenosine A1-receptor deficiency diminishes afferent arteriolar and blood pressure responses during nitric oxide inhibition and angiotensin II treatment. *Am J Physiol Regul Integr Comp Physiol.* 2011; 301 (6): R1669-81.
- Harmsze AM, Van Werkum JW, Moral F, Ten Berg JN, Hackeng CM, Klungel OH, de Boer A, Deneer VH. Sulfonylureas and on-clopidogrel platelet reactivity in type 2 diabetes mellitus patients. *Platelets.* 2011; 22 (2): 98-102.
- Harmsze AM, van Werkum JW, Souverein PC, Breet NJ, Bouman HJ, Hackeng CM, Ruven HJ, ten Berg JM, Klungel OH, de Boer A, Deneer VH. Combined influence of proton-pump inhibitors, calcium-channel blockers and CYP2C19\*2 on on-treatment platelet reactivity and on the occurrence of atherothrombotic events after percutaneous coronary intervention. *J Thromb Haemost.* 2011; 9 (10): 1892-901.
- Harmsze AM, van Werkum JW, Taubert D, Hackeng CM, Deneer VH. Esomeprazole but not pantoprazole is associated with lower plasma concentrations of clopidogrel's active metabolite. *Ann Pharmacother.* 2011; 45 (4): 542-3.
- Holewijn S, Sniderman AD, den Heijer M, Swinkels DW, Stalenhoef AF, de Graaf J. Application and validation of a diagnostic algorithm for the atherogenic apoB dyslipoproteinemia: ApoB dyslipoproteinemia in a Dutch population-based study. *Eur J Clin Invest.* 2011; 41 (4): 423-33.
- Kuipers RS, de Graaf DJ, Luxwolda MF, Muskiet MH, Dijck-Brouwer DA, Muskiet FA. Saturated fat, carbohydrates and cardiovascular disease. *Neth J Med.* 2011; 69 (9): 372-8.
- Luxwolda MF, Kuipers RS, Smit EN, Velzing-Aarts FV, Dijck-Brouwer DA, Muskiet FA. The relation between the omega-3 index and arachidonic acid is bell shaped: synergistic at low EPA+DHA status and antagonistic at high EPA+DHA status. *Prostaglandins Leukot Essent Fatty Acids.* 2011; 85 (3-4): 171-8.
- Moesgaard SG, Falk T, Teerlink T, Guethmundsdottir HH, Sigurðardóttir S, Rasmussen CE, Olsen LH. Brain-natriuretic peptide and cyclic guanosine monophosphate as biomarkers of myxomatous mitral valve disease in dogs. *Vet J.* 2011; 189 (3): 349-52.
- Obermann-Borst SA, van Driel LM, Helbing WA, de Jonge R, Wildhagen MF, Steegers EA, Steegers-Theunissen RP. Congenital heart defects and biomarkers of methylation in children: a case-control study. *Eur J Clin Invest.* 2011; 41 (2): 143-50.
- Pulinx B, Hellenthal FA, Hamulyak K, van Diejen-Visser MP, Schurink GW, Wodzig WK. Differential protein expression in serum of abdominal aortic aneurysm patients - a proteomic approach. *Eur J Vasc Endovasc Surg.* 2011; 42 (5): 563-70.
- Scharnhorst V, Krasznai K, Van't Veer M, Michels R. Rapid detection of myocardial infarction with a sensitive troponin test. *Am J Clin Pathol.* 2011; 135 (3): 424-8.

Schindhelm RK, Van der Zwan LP. Myeloperoxidase as a diagnostic and prognostic marker in cardiology: beware of pre-analytical factors that may influence results. *Int J Lab Hematol.* 2011; 33 (3): 332.

Tran TT, Poirier H, Clément L, Nassir F, Pelsers MM, Petit V, Degrace P, Monnot MC, Glatz JF, Abumrad NA, Besnard P, Niot I. Luminal lipid regulates CD36 levels and downstream signaling to stimulate chylomicron synthesis. *J Biol Chem.* 2011; 286 (28): 25201-10.

Trappenburg MC, van Schilfgaarde M, Bredewold EO, van Aalderen MC, Spronk HM, ten Cate H, Leyte A, Terpstra WE. Elevated numbers and altered subsets of procoagulant microparticles in breast cancer patients using endocrine therapy. *Thromb Res.* 2011; 127 (4): 363-9.

Valenti L, Dongiovanni P, Motta BM, Swinkels DW, Bonara P, Rametta R, Burdick L, Frugoni C, Fracanzani AL, Fargion S. Serum hepcidin and macrophage iron correlate with MCP-1 release and vascular damage in patients with metabolic syndrome alterations. *Arterioscler Thromb Vasc Biol.* 2011; 31 (3): 683-90.

Valenti L, Swinkels DW, Burdick L, Dongiovanni P, Tjalsma H, Motta BM, Bertelli C, Fatta E, Bignamini D, Rametta R, Fargion S, Fracanzani AL. Serum ferritin levels are associated with vascular damage in patients with nonalcoholic fatty liver disease. *Nutr Metab Cardiovasc Dis.* 2011; 21 (8): 568-75.

van der Linde D, Yap SC, van Dijk AP, Budts W, Pieper PG, van der Burgh PH, Mulder BJ, Witsenburg M, Cuypers JA, Lindemans J, Takkenberg JJ, Roos-Hesselink JW. Effects of rosuvastatin on progression of stenosis in adult patients with congenital aortic stenosis (PROCAS Trial). *Am J Cardiol.* 2011; 108 (2): 265-71.

van der Zwan LP, Scheffer PG, Dekker JM, Stehouwer CD, Heine RJ, Teerlink T. Systemic inflammation is linked to low arginine and high ADMA plasma levels resulting in an unfavourable NOS substrate-to-inhibitor ratio: the Hoorn Study. *Clin Sci (Lond).* 2011; 121 (2): 71-8.

Yeung KK, De Gouyon Matignon C, Renwarin L, Tjon-A-Fat MR, Teerlink T, van Leeuwen PA, Musters RJ, Wisselink W, Tangelder GJ. Hypothermic renal perfusion during aortic surgery reduces the presence of lipocalin-2 and preserves renal extraction of dimethylarginines in rats. *Am J Physiol Renal Physiol.* 2011; 301 (6): F1231-41.

Yeung KK, Richir M, Hanrath P, Teerlink T, Kompanowska-Jezierska E, Musters RJ, van Leeuwen PA, Wisselink W, Tangelder GJ. Infrarenal aortic-clamping after renal ischaemia aggravates acute renal failure. *Eur J Clin Invest.* 2011; 41 (6): 605-15.

## Klinisch: Hematologie

Agar C, de Groot PG, Marquart JA, Meijers JC. Evolutionary conservation of the lipopolysaccharide binding site of beta-glycoprotein I. *Thromb Haemost.* 2011; 106 (6): 1069-75.

Agar C, de Groot PG, Morgelin M, Monk SD, van Os G, Levels JH, de Laat B, Urbanus RT, Herwald H, van der Poll T, Meijers JC. Beta-glycoprotein I: a novel component of innate immunity. *Blood.* 2011; 117 (25): 6939-47.

Casanovas G, Swinkels DW, Altamura S, Schwarz K, Laarakkers CM, Gross HJ, Wiesneth M, Heimpel H, Muckenthaler MU. Growth differentiation factor 15 in patients with congenital dyserythropoietic anaemia (CDA) type II. *J Mol Med (Berl).* 2011; 89 (8): 811-6.

Cuijpers ML, van Spronsen DJ, Muus P, Hamel BC, Swinkels DW. Need for early recognition and therapeutic guidelines of congenital sideroblastic anaemia. *Int J Hematol.* 2011; 94 (1): 97-100.

Emans ME, van der Putten K, van Rooijen KL, Kraaijenhagen RJ, Swinkels D, van Solinge WW, Cramer MJ, Doevedans PA, Braam B, Gaillard CA. Determinants of red cell distribution width (RDW) in cardiorenal patients: RDW is not related to erythropoietin resistance. *J Card Fail.* 2011; 17 (8): 626-33.

Gieger C, Radhakrishnan A, Cvejic A, Tang W, Porcu E, Pistis G, Serbanovic-Canic J, et al. New gene functions in megakaryopoiesis and platelet formation. *Nature.* 2011; 480 (7376): 201-8.

Hillaert MA, Lentjes EG, Beygui F, Kemperman H, Asselbergs FW, Nathoe HM, Agostoni P, Voskuil M, Ivanes F, Jude B, Bertrand ME, Pasterkamp G, van der Graaf Y, Doevedans PA, Montalescot G, Van Belle E. Measuring and targeting aldosterone and renin in atherosclerosis-a review of clinical data. *Am Heart J.* 2011; 162 (4): 585-96.

Hoffmann JJML. Neutrophil CD64 as a sepsis biomarker. *Biochem Med.* 2011; 21 (3): 282-90.

Hooijberg JH, Visser HP, Loonen AH, Schoorl M, Chevallier M, Ossenkoppele GJ, Bartels PCM. Sea-blue histiocytes bij een patiënt met de ziekte van Kikuchi-Fujimoto. *Ned Tijdschr Hematol.* 2011; 8: 86-90.

Hunt BJ, Wu XX, de Laat B, Arslan AA, Stuart-Smith S, Rand JH. Resistance to annexin A5 anticoagulant activity in women with histories for obstetric antiphospholipid syndrome. *Am J Obstet Gynecol.* 2011; 205 (5): 485.e17-23.

Lukens MV, Bossink R, Huistede-Oude Heuvel AH, Adema E, Winkelhorst JT, Ozdemir A, Slomp J. Patiënte met kruisproblemen door antistoffen tegen k bij een hemoragische shock. *Tijdschr Bloedtransfusie* 2011; 4: 106-10.

Lyon GJ, Jiang T, Van Wijk R, Wang W, Bodily PM, Xing J, Tian L, Robison RJ, Clement M, Lin Y, Zhang P, Liu Y, Moore B, Glessner JT, Elia J, Reimherr F, van Solinge WW, Yandell M, Hakonarson H, Wang J, Johnson WE, Wei Z, Wang K. Exome sequencing and unrelated findings in the context of complex disease research: ethical and clinical implications. *Discov Med.* 2011; 12 (62): 41-55.

ten Berg MJ, Huisman A, van den Bempt PM, den Breeijen H, Egberts TC, van Solinge WW. Discriminative value of platelet size indices for the identification of the mechanism of chemotherapy-induced thrombocytopenia. *Biomarkers.* 2011; 16 (1): 51-7.

van Aalderen MC, Trappenburg MC, van Schilfgaarde M, Molenaar PJ, ten Cate H, Terpstra WE, Leyte A. Procoagulant myeloblast-derived microparticles in AML patients: changes in numbers and thrombin generation potential during chemotherapy. *J Thromb Haemost.* 2011; 9 (1): 223-6.

van der Linden IJM, Ligthart PC, Folman CC, van Driel MWA, Ermens AAM, van Gammeren AJ. Anti-Landsteiner-Wiener (anti-LW) 'in disguise'. *Tijdschr Bloedtransfusie.* 2011; 4: 138-41.

van Os GM, Meijers JC, Agar C, Seron MV, Marquart JA, Akesson P, Urbanus RT, Derkx RH, Herwald H, Morgelin M, de Groot PG. Induction of anti-beta2-glycoprotein I autoantibodies in mice by protein H of Streptococcus pyogenes. *J Thromb Haemost.* 2011; 9 (12): 2447-56.

van Straten AH, Soliman Hamad MA, Martens EJ, Tan ME, de Wolf AM, Scharnhorst V, van Zundert AA. Effect of storage time of transfused plasma on early and late mortality after coronary artery bypass grafting. *J Thorac Cardiovasc Surg.* 2011; 141 (1): 238-243.e2.

van Straten AH, Soliman Hamad MA, van Zundert AA, Martens EJ, ter Woorst JF, de Wolf AM, Scharnhorst V. Effect of duration of red blood cell storage on early and late mortality after coronary artery bypass grafting. *J Thorac Cardiovasc Surg.* 2011; 141 (1): 231-7.

### Klinisch: Interne geneeskunde

Adams D, de Jonge R, van der Cammen T, Zietse R, Hoorn EJ. Acute kidney injury in patients presenting with hyponatremia. *J Nephrol.* 2011; 24 (6): 749-55. doi: 10.5301/JN.2011.6410.

Boekel ET, Prins M, Vrielink GJ, de Kieviet W, Siegert CE. Longitudinal studies of the association between peripheral CD27++ plasma cells and systemic lupus erythematosus disease activity: preliminary results. *Ann Rheum Dis.* 2011; 70 (7): 1341-2.

Bouamar R, Hesselink DA, van Schaik RH, Weimar W, Macphee IA, de Fijter JW, Gelder T. Polymorphisms in CYP3A5, CYP3A4, and ABCB1 are not associated with cyclosporine pharmacokinetics nor with cyclosporine clinical end points after renal transplantation. *Ther Drug Monit.* 2011; 33 (2): 178-84.

Bours PH, Wielders JP, Vermeijden JR, van de Wiel A. Seasonal variation of serum 25-hydroxyvitamin D levels in adult patients with inflammatory bowel disease. *Osteoporos Int.* 2011; 22 (11): 2857-67.

Coolen EJ, Arts IC, Bekers O, Vervaet C, Bast A, Dagnelie PC. Oral bioavailability of ATP after prolonged administration. *Br J Nutr.* 2011; 105 (3): 357-66.

Corpeleijn WE, van Elburg RM, Kema IP, van Goudoever JB. Assessment of intestinal permeability in (premature) neonates by sugar absorption tests. *Methods Mol Biol.* 2011; 763: 95-104.

de Nooijer RA, Nobel JM, Arends HG, Bot AG, van Berkhouw FT, de Rijke YB, de Jonge HR, Bronsveld I. Assessment of CFTR function in homozygous R117H-7T subjects. *J Cyst Fibros.* 2011; 10 (5): 326-32.

de Wildt SN, van Schaik RH, Soldin OP, Soldin SJ, Brojeni PY, van der Heiden IP, Parshuram C, Nulman I, Koren G. The interactions of age, genetics, and disease severity on tacrolimus dosing requirements after pediatric kidney and liver transplantation. *Eur J Clin Pharmacol.* 2011; 67 (12): 1231-41.

Debats IB, Koeneman MM, Booij DI, Bekers O, van der Hulst RR. Intravenous arginine and human skin graft donor site healing: a randomized controlled trial. *Burns.* 2011; 37 (3): 420-6.

Elens L, Becker ML, Haufroid V, Hofman A, Visser LE, Uitterlinden AG, Stricker BCh, van Schaik RH. Novel CYP3A4 intron 6 single nucleotide polymorphism is associated with simvastatin-mediated cholesterol reduction in The Rotterdam Study. *Pharmacogenet Genomics.* 2011; 21 (12): 861-6.

Elens L, Bouamar R, Hesselink DA, Haufroid V, van der Heiden IP, van Gelder T, van Schaik RH. A new functional CYP3A4 intron 6 polymorphism significantly affects tacrolimus pharmacokinetics in kidney transplant recipients. *Clin Chem.* 2011; 57 (11): 1574-83.

Gijsen V, Mital S, van Schaik RH, Soldin OP, Soldin SJ, van der Heiden IP, Nulman I, Koren G, de Wildt SN. Age and CYP3A5 genotype affect tacrolimus dosing requirements after transplant in pediatric heart recipients. *J Heart Lung Transplant.* 2011; 30 (12): 1352-9.

Heron M, van Moorsel CH, Grutters JC, Huizinga TW, van der Helm-van Mil AH, Nagtegaal MM, Ruven HJ, van den Bosch JM. Genetic variation in GREM1 is a risk factor for fibrosis in pulmonary sarcoidosis. *Tissue Antigens.* 2011; 77 (2): 112-7.

Kastlijn EA, van Moorsel CH, Kazemier KM, Roothaan SM, Ruven HJ, Kwakkel-van Erp JM, van de Graaf EA, Zanen P, van Kessel DA, Grutters JC. A genetic polymorphism in the CAV1 gene associates with the development of bronchiolitis obliterans syndrome after lung transplantation. *Fibrogenesis Tissue Repair.* 2011; 4 (1): 24.

Korthagen NM, van Moorsel CH, Barlo NP, Ruven HJ, Kruit A, Heron M, van den Bosch JM, Grutters JC. Serum and BALF YKL-40 levels are predictors of survival in idiopathic pulmonary fibrosis. *Respir Med.* 2011; 105 (1): 106-13.

Kroot JJ, Tjalsma H, Fleming RE, Swinkels DW. Hepcidin in human iron disorders: diagnostic implications. *Clin Chem.* 2011; 57 (12): 1650-69.

Manolopoulos VG, Dechairo B, Huriez A, Kuhn A, Llerena A, van Schaik RH, Yeo KT, Ragia G, Siest G. Pharmacogenomics and personalized medicine in clinical practice. *Pharmacogenomics.* 2011; 12 (5): 597-610.

Meijvis SC, Cornips MC, Endeman H, Ruven HJ, Danser AH, Biesma DH, Leufkens HG, Bos WJ, van de Garde EM. Prognostic value of serum angiotensin-converting enzyme activity for outcome of community-acquired pneumonia. *Clin Chem Lab Med.* 2011; 49 (9): 1525-32.

Pashaei N, Bouamar R, Hesselink DA, Roodnat JI, van Schaik RH, Weimar W, van Gelder T. CYP3A5 genotype is not related to the intrapatient variability of tacrolimus clearance. *Ther Drug Monit.* 2011; 33 (3): 369-71.

Reuwer AQ, van Zaane B, van Wissen M, van Zanten AP, Twickler MT, Gerdes VE. Prolactin is involved in the systemic inflammatory response in myocardial infarction. *Horm Metab Res.* 2011; 43 (1): 62-5.

Schuemann K, Solomons NW, Laarakkers CM, Romero-Abal ME, Kroll S, Weiss G, Swinkels DW. Reproducibility of and correspondence among different hepcidin forms in blood and urine and their relationships to iron status in healthy, male Guatemalan volunteers observed over 9 weeks. *Ann Nutr Metab.* 2011; 58 (2): 158-66.

te Winkel ML, de Muinck Keizer-Schrama SM, de Jonge R, van Beek RD, van der Sluis IM, Hop WC, Pieters R, van den Heuvel-Eibrink MM. Germline variation in the MTHFR and MTRR genes determines the nadir of bone density in pediatric acute lymphoblastic leukemia: A prospective study. *Bone.* 2011; 48 (3): 571-7.

van Bokhoven MA, van Deursen CT, Swinkels DW. Diagnosis and management of hereditary haemochromatosis. *BMJ.* 2011; 342: c7251.

van Lumig PP, Driessens RJ, Roelofs-Thijssen MA, Boezeman JB, van de Kerkhof PC, de Jong EM. Relevance of laboratory investigations in monitoring patients with psoriasis on etanercept or adalimumab. *Br J Dermatol.* 2011; 165 (2): 375-82.

van Santen S, van Dongen-Lases EC, de Vegt F, Laarakkers CM, van Riel PL, van Ede AE, Swinkels DW. Hepcidin and hemoglobin content parameters in the diagnosis of iron deficiency in rheumatoid arthritis patients with anemia. *Arthritis Rheum.* 2011; 63 (12): 3672-80.

van Vliet M, Gazendam RP, von Rosenstiel IA, van Zanten AP, Brandjes DP, Beijnen JH, Rotteveel J, Diamant M. Differential impact of impaired fasting glucose versus impaired glucose tolerance on cardiometabolic risk factors in multi-ethnic overweight/obese children. *Eur J Pediatr.* 2011; 170 (5): 589-97.

van Westerloo DJ, Choi G, Lowenberg EC, Truijen J, de Vos AF, Endert E, Meijers JC, Zhou L, Pereira MP, Queiroz KC, Diks SH, Levi M, Peppelenbosch MP, van der Poll T. Acute stress elicited by bungee jumping suppresses human innate immunity. *Mol Med.* 2011; 17 (3-4): 180-8.

Vavrincova-Yaghi D, Deelman LE, Goor H, Seelen M, Kema IP, Smit-van Oosten A, Zeeuw D, Henning RH, Sandovici M. Gene therapy with adenovirus-delivered indoleamine 2,3-dioxygenase improves renal function and morphology following allogeneic kidney transplantation in rat. *J Gene Med.* 2011; 13 (7-8): 373-81.

Wang P, Holst C, Andersen MR, Astrup A, Bouwman FG, van Otterdijk S, Wodzig WK, van Baak MA, Larsen TM, Jebb SA, Kafatos A, Pfeiffer AF, Martinez JA, Handjiev-Darlenska T, Kunesova M, Saris WH, Mariman EC. Blood profile of proteins and steroid hormones predicts weight change after weight loss with interactions of dietary protein level and glycemic index. *PLoS One.* 2011; 6 (2): e16773.

Wijnen PA, Bekers O, Drent M. Development of cocaine-induced interstitial lung damage in two CYP2C and VKORC1 variant allele carriers. *Mol Diagn Ther.* 2011; 15 (3): 177-80.

Wijnen PA, Voorster CE, Nelemans PJ, Verschakelen JA, Bekers O, Drent M. Butyrophilin-like 2 in pulmonary sarcoidosis: a factor for susceptibility and progression? *Hum Immunol.* 2011; 72 (4): 342-7.

### Klinisch: Neurologie / psychiatrie

Becker ML, Visser LE, van Schaik RH, Hofman A, Uitterlinden AG, Stricker BH. OCT1 polymorphism is associated with response and survival time in anti-Parkinsonian drug users. *Neurogenetics.* 2011; 12 (1): 79-82.

da Silva Alves F, Schmitz N, Figee M, Abeling N, Hasler G, van der Meer J, Nederveen A, de Haan L, Linszen D, van Amelsvoort T. Dopaminergic modulation of the human reward system: a placebo-controlled dopamine depletion fMRI study. *J Psychopharmacol.* 2011; 25 (4): 538-49.

de Waal H, Stam CJ, Blankenstein MA, Pijnenburg YA, Scheltens P, van der Flier WM. EEG abnormalities in early and late onset Alzheimer's disease: understanding heterogeneity. *J Neurol Neurosurg Psychiatry.* 2011; 82 (1): 67-71.

Oomen JW, Smits BW, Swinkels DW, Schreurs BW, Bloem BR, Hendriks MP. A toxic shot from the hip. *J Neurol Neurosurg Psychiatry.* 2011; 82 (3): 353-4.

Schieters OJ, van Boxtel MP, de Groot RH, Jolles J, Bekers O, Kok FJ, Verhoef P, Durga J. Genetic variation in folate metabolism is not associated with cognitive functioning or mood in healthy adults. *Prog Neuropsychopharmacol Biol Psychiatry.* 2011; 35 (7): 1682-8.

Swart M, Bruggeman R, Laroi F, Alizadeh BZ, Kema I, Kortekaas R, Wiersma D, Aleman A. COMT Val158Met polymorphism, verbalizing of emotion and activation of affective brain systems. *Neuroimage.* 2011; 55 (1): 338-44.

Teunissen CE, Veerhuis R, De Vente J, Verhey FR, Vreeling F, van Boxtel MP, Glatz JF, Pelsers MA. Brain-specific fatty acid-binding protein is elevated in serum of patients with dementia-related diseases. *Eur J Neurol.* 2011; 18 (6): 865-71.

van Harten AC, Kester MI, Visser PJ, Blankenstein MA, Pijnenburg YA, van der Flier WM, Scheltens P. Tau and p-tau as CSF biomarkers in dementia: a meta-analysis. *Clin Chem Lab Med.* 2011; 49 (3): 353-66.

Veen G, Giltay EJ, van Vliet IM, Derijk RH, Klaassens ER, van Pelt J, Zitman FG. C-reactive protein polymorphisms are associated with the cortisol awakening response in basal conditions in human subjects. *Stress.* 2011; 14 (2): 128-35.

Veen G, van Vliet IM, Derijk RH, Giltay EJ, van Pelt J, Zitman FG. Basal cortisol levels in relation to dimensions and DSM-IV categories of depression and anxiety. *Psychiatry Res.* 2011; 185 (1-2): 121-8.

### Klinisch: Oncologie

Blufpand HN, Tromp J, Abbink FC, Stoffel-Wagner B, Bouman AA, Schouten-van Meeteren AY, van Wijk JA, Kaspers GJ, Bokenkamp A. Cystatin C more accurately detects mildly impaired renal function than creatinine in children receiving treatment for malignancy. *Pediatr Blood Cancer.* 2011; 57 (2): 262-7.

Boleij A, Laarakkers CM, Gloorich J, Swinkels DW, Tjalsma H. Surface-affinity profiling to identify host-pathogen interactions. *Infect Immun.* 2011; 79 (12): 4777-83.

Boleij A, Muytjens CM, Bukhari SI, Cayet N, Glaser P, Hermans PW, Swinkels DW, Bolhuis A, Tjalsma H. Novel clues on the specific association of *Streptococcus gallolyticus* subsp *gallolyticus* with colorectal cancer. *J Infect Dis.* 2011; 203 (8): 1101-9.

Boleij A, van Gelder MM, Swinkels DW, Tjalsma H. Clinical Importance of *Streptococcus gallolyticus* infection among colorectal cancer patients: systematic review and meta-analysis. *Clin Infect Dis.* 2011; 53 (9): 870-8.

Catalona WJ, Partin AW, Sanda MG, Wei JT, Klee GG, Bangma CH, Slawin KM, Marks LS, Loeb S, Broyles DL, Shin SS, Cruz AB, Chan DW, Sokoll LJ, Roberts WL, van Schaik RH, Mizrahi IA. A multicenter study of [-2]pro-prostate specific antigen combined with prostate specific antigen and free prostate specific antigen for prostate cancer detection in the 2.0 to 10.0 ng/ml prostate specific antigen range. *J Urol.* 2011; 185 (5): 1650-5.

de Graan AJ, Teunissen SF, de Vos FY, Loos WJ, van Schaik RH, de Jongh FE, de Vos AI, van Alphen RJ, van der Holt B, Verweij J, Seynaeve C, Beijnen JH, Mathijssen RH. Dextromethorphan as a phenotyping test to predict endoxifen exposure in patients on tamoxifen treatment. *J Clin Oncol.* 2011; 29 (24): 3240-6.

de Jong RA, Nijman HW, Boezen HM, Volmer M, Ten Hoor KA, Krijnen J, van der Zee AG, Hollema H, Kema IP. Serum tryptophan and kynurenine concentrations as parameters for indoleamine 2,3-dioxygenase activity in patients with endometrial, ovarian, and vulvar cancer. *Int J Gynecol Cancer.* 2011; 21 (7): 1320-7.

Fiebrich HB, de Jong JR, Kema IP, Koopmans KP, Sluiter W, Dierckx RA, Walenkamp AM, Links TP, Brouwers AH, de Vries EG. Total 18F-dopa PET tumour uptake reflects metabolic endocrine tumour activity in patients with a carcinoid tumour. *Eur J Nucl Med Mol Imaging.* 2011; 38 (10): 1854-61.

Kantelhardt EJ, Vetter M, Schmidt M, Veyret C, Augustin D, Hanf V, Meisner C, Paepke D, Schmitt M, Sweep F, von Minckwitz G, Martin PM, Jaenicke F, Thomassen C, Harbeck N. Prospective evaluation of prognostic factors uPA/PAI-1 in node-negative breast cancer: phase III NNBC3-Europe trial (AGO, GBG, EORTC-PBG) comparing 6xFEC versus 3xFEC/3xDocetaxel. *BMC Cancer.* 2011; 11: 140.

Kok DE, van Roermund JG, Aben KK, den Heijer M, Swinkels DW, Kampman E, Kiemeney LA. Blood lipid levels and prostate cancer risk; a cohort study. *Prostate Cancer Prostatic Dis.* 2011; 14 (4): 340-5.

Kruifff S, Bastiaannet E, Speijers MJ, Muller Kobold AC, Brouwers AH, Hoekstra HJ. The value of pre operative S-100B and SUV in clinically stage III melanoma patients undergoing therapeutic lymph node dissection. *Eur J Surg Oncol.* 2011; 37 (3): 225-32.

Musson RE, Hensbergen PJ, Westphal AH, Temmink WP, Deelder AM, van Pelt J, Mullenders LH, Smit NP. UVA1 radiation inhibits calcineurin through oxidative damage mediated by photosensitization. *Free Radic Biol Med.* 2011 May 15; 50 (10): 1392-9.

- Musson REA, Smit NPM. Regulatory mechanisms of calcineurin phosphatase activity. *Curr Med Chem.* 2011; 18 (2): 301-15.
- Nagelkerke A, Mujcic H, Bussink J, Wouters BG, van Laarhoven HW, Sweep FC, Span PN. Hypoxic regulation and prognostic value of LAMP3 expression in breast cancer. *Cancer.* 2011; 117 (16): 3670-81.
- Nagelkerke A, van Kuijk SJ, Sweep FC, Nagtegaal ID, Hoogerbrugge N, Martens JW, Timmermans MA, van Laarhoven HW, Bussink J, Span PN. Constitutive expression of  $\gamma$ -H2AX has prognostic relevance in triple negative breast cancer. *Radiother Oncol.* 2011; 101 (1): 39-45.
- Nielsen HJ, Brunner N, Jorgensen LN, Olsen J, Rahr HB, Thygesen K, Hoyer U, Laurberg S, Stieber P, Blankenstein MA, Davis G, Dowell BL, Christensen IJ; danish endoscopy study group on colorectal cancer detection; danish colorectal cancer cooperative group. Plasma TIMP-1 and CEA in detection of primary colorectal cancer: a prospective, population based study of 4509 high-risk individuals. *Scand J Gastroenterol.* 2011; 46 (1): 60-9.
- Oort FA, van Turenhout ST, Coupe VM, van der Hulst RW, Wesdorp EI, Terhaar Sive Droste JS, Larbi IB, Kanis SL, van Hengel E, Bouman AA, Meijer GA, Mulder CJ. Double sampling of a faecal immunochemical test is not superior to single sampling for detection of colorectal neoplasia: a colonoscopy controlled prospective cohort study. *BMC Cancer.* 2011; 11: 434.
- Span PN, Rao JU, Oude Ophuis SB, Lenders JW, Sweep FC, Wesseling P, Kusters B, van Nederveen FH, de Krijger RR, Hermus AR, Timmers HJ. Overexpression of the natural anti-sense hypoxia-inducible factor-1alpha transcript is associated with malignant pheochromocytoma/paraganglioma. *Endocr Relat Cancer.* 2011; 18 (3): 323-31.
- ten Berg MJ, van den Bent PM, Shantakumar S, Bennett D, Voest EE, Huisman A, van Solinge WW, Egberts TC. Thrombocytopenia in adult cancer patients receiving cytotoxic chemotherapy: results from a retrospective hospital-based cohort study. *Drug Saf.* 2011; 34 (12): 1151-60.
- Terhaar Sive Droste JS, Oort FA, van der Hulst RW, van Heukelema HA, Loffeld RJ, van Turenhout ST, Ben Larbi I, Kanis SL, Neerinckx M, Rakkers M, Coupe VM, Bouman AA, Meijer GA, Mulder CJ. Higher fecal immunochemical test cut-off levels: lower positivity rates but still acceptable detection rates for early-stage colorectal cancers. *Cancer Epidemiol Biomarkers Prev.* 2011; 20 (2): 272-80.
- van Duinen N, Kema IP, Romijn JA, Corssmit EP. Plasma chromogranin A levels are increased in a small portion of patients with hereditary head and neck paragangliomas. *Clin Endocrinol (Oxf).* 2011; 74 (2): 160-5.
- van Schaik RH, Kok M, Sweep FC, van Vliet M, van Fessem M, Meijer-van Gelder ME, Seynaeve C, Lindemans J, Wesseling J, Van 't Veer LJ, Span PN, van Laarhoven H, Sleijfer S, Foekens JA, Linn SC, Berns EM. The CYP2C19\*2 genotype predicts tamoxifen treatment outcome in advanced breast cancer patients. *Pharmacogenomics.* 2011; 12 (8): 1137-46.
- Wennemers M, Bussink J, Grebenchtchikov N, Sweep FC, Span PN. TRIB3 protein denotes a good prognosis in breast cancer patients and is associated with hypoxia sensitivity. *Radiother Oncol.* 2011 Oct; 101 (1): 198-202.
- Wennemers M, Bussink J, Scheijen B, Nagtegaal ID, van Laarhoven HW, Raleigh JA, Varia MA, Heuvel JJ, Rouschop KM, Sweep FC, Span PN. Tribbles homolog 3 denotes a poor prognosis in breast cancer and is involved in hypoxia response. *Breast Cancer Res.* 2011; 13 (4): R82.

### Klinisch: Toxicologie

- van Haaften C, Duke CC, Weerheim AM, Smit NP, van Haard PM, Darroudi F, Trimbos BJ. Potent cytotoxic effects of Calomeria amaranthoides on ovarian cancers. *J Exp Clin Cancer Res.* 2011; 30: 29.

## Mededelingen

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### Mededelingen van het secretariaat

#### *Nieuwe leden*

H.J. Bos, corporate member van Sanquin Bloedvoorziening te Amsterdam  
Drs. A. Dijkstra, Forelkolk 22, 8017 NR Zwolle, werkzaam bij Sanquin te Zwolle  
Dr.ir. F.A. Helmich, Spijndhof 3, 5611 HV Eindhoven, werkzaam bij Technische Universiteit Eindhoven  
MSc. T.C. van Holten, Sonny Rollinstraat 135, 3543 GR Utrecht, werkzaam bij UMC Utrecht  
Dr. J.F.M. Jacobs, Leeuwstraat 60, 6531 RD Nijmegen, werkzaam bij UMC St Radboud  
Dr. I. Kuipers, Verzettsstrijderslaan 90, 9727 CG Groningen, werkzaam bij Haga Ziekenhuis te Den Haag

#### *Wijziging huisadres*

Dr. D. van den Broek, Koediefslaan 47, 2101 BS Heemstede  
Dr. S.C. Endenburg, Van den Boschlaan 21, 6717 ZD Ede  
Dr. A. Huisman, Stephensonstraat 61, 3817 JB Amersfoort  
Dr. E.M. Molhoek, Boomstraat 146-01, 5038 GV Tilburg  
Drs. K. Vroonhof, Broeder Alarmstraat 59, 3523 TP Utrecht  
Dr. J. Wieling, Baiernhofweg 10, 8020 Graz-Eggenberg, Oostenrijk

#### *Wijziging werkadres*

Dr. D. van den Broek, Antonie van Leeuwenhoek Ziekenhuis te Amsterdam  
Dr. A.B. Greuter-Vroling, Erasmus MC-centrumlocatie te Rotterdam  
Dr. F.A. Lindeboom, Sint Franciscus Gasthuis te Rotterdam  
Dr. R.D. Oude Engberink, MDC Amstelland te Amstelveen  
Dr. H.A.M. Voorbij, BovenIJ Ziekenhuis te Amsterdam

#### **Rectificatie**

Dr. J.W. Smit is niet per 1-6-2012 met pensioen gegaan, dit moet zijn 1-6-2014

#### **Wijziging kontaktpersoon corporate member**

P.J. Singels bij Hettich Benelux B.V.  
M. Götzinger bij Radiometer Benelux