

Publicaties der leden 2009

Analytisch: Hematologie

Bakker AJ, Bierma-Ram A, Elderman-van der Werf C, Strijdhartig ML, van Zanden JJ. Screening for M-proteinemia: serum protein electrophoresis and free light chains compared. *Clin Chem Lab Med.* 2009; 47 (12): 1507-11.

Dullaart RP, de Vries R, Sluiter WJ, Voorbij HA. High plasma C-reactive protein (CRP) is related to low paraoxonase-I (PON-I) activity independently of high leptin and low adiponectin in type 2 diabetes mellitus. *Clin Endocrinol (Oxf).* 2009 Feb; 70 (2): 221-6.

Gemen EFA, de Wit NCJ, Gerven M-L, de Jongh-Leuvenink J. The Sysmex SP1000i for automated Bone Marrow Slide Smear Staining. *LabMedicine.* 2009; 40 (12): 719-23.

Groenendaal F, de Vooght KM, van Bel F. Blood gas values during hypothermia in asphyxiated term neonates. *Pediatrics.* 2009 Jan; 123 (1): 170-2.

Heiner-Fokkema MR, Mulder AB, Gijzel AL, van Pelt LJ. Foutief-verhoogde plasmakalium- en lactaatdehydrogenase-concentraties bij T-cel-prolymfoctenleukemie. *Ned Tijdschr Klin Chem Labgeneesk.* 2009; 34: 199-201.

Ulenkate HJ. Ret-He in der Routine: Intelligenter Einsatz beim Patienten-Monitoring trägt zur Vermeidung von Bluttransfusionen bei Sysmex. *Xtra* 2009; 1: 1-8.

Kroot JJ, Laarakkers CM, Kemna EH, Biemond BJ, Swinkels DW. Regulation of serum hepcidin levels in sickle cell disease. *Haematologica.* 2009 Jun; 94 (6): 885-7.

Pos W, Luken BM, Hovinga JA, Turenhout EA, Scheiflinger F, Dong JF, Fijnheer R, Voorberg J. VH1-69 germline encoded antibodies directed towards ADAMTS13 in patients with acquired thrombotic thrombocytopenic purpura. *J Thromb Haemost.* 2009 Mar; 7 (3): 421-8.

Russcher H, Ligthart PC, van Hulst-Sundermeijer AME, de Haas M, de Rijke YB. Alleen of toch met twee? Chimerismen in het bloedtransfusielaboratorium *Tijdschr Bloedtransfusie.* 2009; 2: 22-26.

Tchou I, Diepold M, Pilotto PA, Swinkels D, Neerman-Arbez M, Beris P. Haematologic data, iron parameters and molecular findings in two new cases of iron-refractory iron deficiency anaemia. *Eur J Haematol.* 2009 Dec 1; 83 (6): 595-602.

Ten Berg MJ, van Solinge WW, van den Bemt PM, Huisman A, Schobben AF, Egberts TC. Platelet measurements versus discharge diagnoses for identification of patients with potential drug-induced thrombocytopenia: A cross-sectional study in the Netherlands. *Drug Saf.* 2009; 32 (1): 69-76.

van den Besselaar AM, Haas FJ, van der Graaf F, Kuypers AW. Harmonization of fibrinogen assay results: study within the framework of the Dutch project 'Calibration 2000'. *Int J Lab Hematol.* 2009 Oct; 31 (5): 513-20.

Van Geest-Daalderop JH, Hutten BA, Pequeriaux NC, Levi M, Sturk A. Improvement in the regulation of the vitamin K

antagonist acenocoumarol after a standard initial dose regimen: prospective validation of a prescription model. *J Thromb Thrombolysis.* 2009 Feb; 27 (2): 207-14.

van Wijk R, Huizinga EG, van Wesel AC, van Oirschot BA, Hadders MA, van Solinge WW. Fifteen novel mutations in PKLR associated with pyruvate kinase (PK) deficiency: structural implications of amino acid substitutions in PK. *Hum Mutat.* 2009 Mar; 30 (3): 446-53.

Wolfs JL, Comfurius P, Bekers O, Zwaal RF, Balasubramanian K, Schroit AJ, Lindhout T, Bevers EM. Direct inhibition of phospholipid scrambling activity in erythrocytes by potassium ions. *Cell Mol Life Sci.* 2009 Jan; 66 (2): 314-23.

Analytisch: Immunochemie

Bakker AJ, Bierma-Ram A, Elderman-van der Werf C, Strijdhartig ML, van Zanden JJ. Quantitation of serum free light chains. *Clin Chem.* 2009 Aug; 55 (8): 1585-7; author reply 1587-8.

Grebentchikov N, Geurts-Moespot AJ, Kroot JJ, den Heijer M, Tjalsma H, Swinkels DW, Sweep FG. High-sensitive radioimmunoassay for human serum hepcidin. *Br J Haematol.* 2009 Aug; 146 (3): 317-25.

Van der Vuurst H, Nijhof WA. Evaluatie van de hepatitis-C-test op de cobas e. *Ned Tijdschr Klin Chem Labgeneesk.* 2009; 34: 257-258.

Heijboer AC, IJzerman RG, Bouman AA, Blankenstein MA. Two cases of antiruthenium antibody interference in Modular free thyroxine assay. *Ann Clin Biochem.* 2009 May; 46 (Pt 3): 263-4.

Heijboer AC, Levitus M, Vervloet MG, Lips P, ter Wee PM, Dijkstra-Hoem HM, Blankenstein MA. Determination of fibroblast growth factor 23. *Ann Clin Biochem.* 2009 Jul; 46 (Pt 4): 338-40.

Heijboer AC, Martens F, Blankenstein MA. Measuring salivary cortisol with the Architect i2000 random access analyser. *Ann Clin Biochem.* 2009 May; 46 (Pt 3): 261-2.

Koliarakis V, Marinou M, Vassilakopoulos TP, Vavourakis E, Tsochatzis E, Pangalis GA, Papatheodoridis G, Stamoulakatou A, Swinkels DW, Papanikolaou G, Mamalaki A. A novel immunological assay for hepcidin quantification in human serum. *PLoS One.* 2009; 4 (2): e4581.

Linskens IH, Levitus M, Frans A, Schielen PC, van Vugt JM, Blankenstein MA, Dijkstra-Hoem HM. Performance of free beta-human chorionic gonadotrophin (free beta-hCG) and pregnancy associated plasma protein-A (PAPP-A) analysis between Delfia Xpress and AutoDelfia systems in The Netherlands. *Clin Chem Lab Med.* 2009; 47 (2): 222-6.

Michielsen ECHJ, Bisschops PGT, Janssen MJW. Macrotrypsin. *Ned Tijdschr Klin Chem Labgeneesk.* 2009; 34: 245-248.

Analytisch: Klinische chemie

Boesten LSM, van Pelt J. 24-uursurines: het kan ook anders. *Ned Tijdschr Klin Chem Labgeneesk.* 2009; 34: 157-161.

van de Wiel A, Wielders JPM. Biomarkers voor alcoholmisbruik *Ned Tijdschr Geneesk.* 2009; 153: B 160.

Cobbaert C, van Haperen C, Bastijns C, Demacker PN. Freeze-thaw and matrix effects in direct high-density lipoprotein cholesterol methods. *Clin Chem Lab Med.* 2009; 47 (2): 172-6.

Cobbaert CM, Baadenhuijsen H, Weykamp CW. Prime time for enzymatic creatinine methods in pediatrics. *Clin Chem.* 2009 Mar; 55 (3): 549-58.

de Jong WH, Smit R, Bakker SJ, de Vries EG, Kema IP. Plasma tryptophan, kynurenine and 3-hydroxykynurenine measurement using automated on-line solid-phase extraction HPLC-tandem mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2009 Mar 1; 877 (7): 603-9.

de Waard H, van 't Sant P. Use of serum myoglobin assays for urine myoglobin measurements can cause false-negative results. *Clin Chem.* 2009 Jun; 55 (6): 1240-1.

de Wolf HK, Gunnewiek JK, Berk Y, van den Ouweland J, de Metz M. Comparison of a new procalcitonin assay from Roche with the established method on the Brahms Kryptor. *Clin Chem.* 2009 May; 55 (5): 1043-4.

Demacker PN, Beijers AM, van Daal H, Donnelly JP, Blijlevens NM, van den Ouweland JM. Plasma citrulline measurement using UPLC tandem mass-spectrometry to determine small intestinal enterocyte pathology. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2009 Feb 1; 877 (4): 387-92.

Ulenkate HJ. Bloedafname en verwerking Hoofdstuk 2 boek: Klinische chemie en hematologie voor analisten, deel 1. E. ten Boekel, B.A. de Boer. 1e druk mrt 2009, p21-32.

Munnix IC, Raijmakers MTM, Oosterhuis WP, Kleinveld HA. Detection of a monoclonal gammopathy by lipemia-index measurement. *Ned Tijdschr Klin Chem Labgeneesk.* 2009; 34: 248-249.

Jeppsson JO, Arndt T, Schellenberg F, Wielders JPM, Anton RF, Whitfield JB, Helander A. Hacia una estandarización de las mediciones de transferrina deficiente en hidratos de carbono (TDH). I. Definición del analito y propuesta de un método de referencia *Acta Bioquim Clin Latinoam* 2009; 43 (1): 105-10.

Wielders JPM, Wijnberg F. Preanalytical stability of 25 (OH)-Vitamin D in human blood or serum at room temperature: solid as a rock (Letter to Editor). *Clin Chem.* 2009; 55 (8): 1584-95.

Kolb AM, Smit NP, Lentz-Ljuboje R, Osanto S, van Pelt J. Non-transferrin bound iron measurement is influenced by chelator concentration. *Anal Biochem.* 2009 Feb 1; 385 (1): 13-9.

Kruit A, Tilanus-Linthorst MM, Boonstra JG, van Schaik RH, Grutters JC, van den Bosch JM, Ruven HJ. MUC1 568 A/G genotype-dependent cancer antigen 15-3 levels in breast cancer patients. *Clin Biochem.* 2009 May; 42 (7-8): 662-5.

Linskens IH, Spreuwenberg MD, Blankenstein MA, van Vugt JM. Early first-trimester free beta-hCG and PAPP-A serum distributions in monochorionic and dichorionic twins. *Prenat Diagn.* 2009 Jan; 29 (1): 74-8.

Lo SF, Kytzia HJ, Schumann G, Swartzentruber M, Vader HL, Weber F, Doumas BT. Interlaboratory comparison of the Doumas bilirubin reference method. *Clin Biochem.* 2009 Aug; 42 (12): 1328-30.

Scheffer PG, van der Zwan LP, Schindhelm RK, Vermue HP, Teerlink T. Myeloperoxidase concentrations in EDTA-plasma of healthy subjects are discordant with concentrations in heparin-plasma and serum. *Clin Biochem.* 2009; 42 (13-14): 1490-1492.

Schindhelm RK, van der Zwan LP, Teerlink T, Scheffer PG. Myeloperoxidase: a useful biomarker for cardiovascular disease risk stratification? *Clin Chem.* 2009; 55 (8): 1462-1470.

van Rossum HH, Romijn FP, Smit NP, de Fijter JW, van Pelt J. Everolimus and sirolimus antagonize tacrolimus based calcineurin inhibition via competition for FK-binding protein 12. *Biochem Pharmacol.* 2009 Apr 1; 77 (7): 1206-12.

Velthove KJ, van Solinge WW, Lammers JW, Leufkens HG, Schweizer RC, Bracke M. Hematocytometry analysis as discriminative marker for asthma phenotypes. *Clin Chem Lab Med.* 2009; 47 (5): 573-8.

Analytisch: Moleculaire technieken

Boing AN, Hau CM, Sturk A, Nieuwland R. Human alternatively spliced tissue factor is not secreted and does not trigger coagulation. *J Thromb Haemost.* 2009 Aug; 7 (8): 1423-6.

de Vooght KM, van Solinge WW. Gene promoter analysis in molecular diagnostics: do or don't? *Expert Rev Mol Diagn.* 2009 Jul; 9 (5): 403-5.

de Vooght KM, van Wijk R, van Solinge WW. Management of gene promoter mutations in molecular diagnostics. *Clin Chem.* 2009 Apr; 55 (4): 698-708.

Gast MC, Van Gils CH, Wessels LF, Harris N, Bonfrer JM, Rutgers EJ, Schellens JH, Beijnen JH. Serum protein profiling for diagnosis of breast cancer using SELDI-TOF MS. *Oncol Rep.* 2009 Jul; 22 (1): 205-13.

Gast MC, van Gils CH, Wessels LF, Harris N, Bonfrer JM, Rutgers EJ, Schellens JH, Beijnen JH. Influence of sample storage duration on serum protein profiles assessed by surface-enhanced laser desorption/ionisation time-of-flight mass spectrometry (SELDI-TOF MS). *Clin Chem Lab Med.* 2009; 47 (6): 694-705.

Rousseau F, Gancberg D, Schimmel H, Neumaier M, Bureau A, Mamotte C, van Schaik R, Payne D, Pazzagli M, Young I. Considerations for the development of a reference method for sequencing of haploid DNA: an opinion paper on behalf of the IFCC Committee on Molecular Diagnostics, International Federation of Clinical Chemistry and Laboratory Medicine. *Clin Chem Lab Med.* 2009; 47 (11): 1343-50.

Wijnen PA, Drent M, van Diejen-Visser MP, Bekers O. Pharmacogenetic testing after a simple DNA isolation method on buccal swab samples. *Pharmacogenomics.* 2009 Jun; 10 (6): 983-7.

Wijnen PA, Limantoro I, Drent M, Bekers O, Kuijpers PM, Koek GH. Depressive effect of an antidepressant: therapeutic failure of venlafaxine in a case lacking CYP2D6 activity. *Ann Clin Biochem.* 2009 Nov; 46 (Pt 6): 527-30.

Bedrijfsvoering: Dienstverlening

Fokkema MR, Bakker AJ, de Boer F, Kooistra J, de Vries S, Wolthuis A. HbA1c measurements from dried blood spots: validation and patient satisfaction. *Clin Chem Lab Med*. 2009; 47 (10): 1259-64.

Bedrijfsvoering: Diversen

Gammeren AJ, van Geel A, Verheul K, Cobbaert CM. Elektronische jaarevaluatie: een waardig alternatief!? *Ned Tijdschr Klin Chem Labgeneesk*. 2009; 34: 174-7.

Ververs FF, Voorbij HA, Zwarts P, Belitser SV, Egberts TC, Visser GH, Schobben AF. Effect of cytochrome P450 2D6 genotype on maternal paroxetine plasma concentrations during pregnancy. *Clin Pharmacokinet*. 2009; 48 (10): 677-83.

Zwart-van Rijkom JE, Uijtendaal EV, ten Berg MJ, van Solinge WW, Egberts AC. Frequency and nature of drug-drug interactions in a Dutch university hospital. *Br J Clin Pharmacol*. 2009 Aug; 68 (2): 187-93.

Bedrijfsvoering: Kwaliteit / Automatisering / Statistiek

van den Besselaar AM, Devreese KM, de Groot PG, Castel A. Lupus anticoagulant: case-based external quality assessment *J Clin Pathol*. 2009; 62: 731-4.

Steen G, Vlasveld LT, Poot CC, Slot-Verhoeven AJ, Castel A. Onderzoek naar referentiewaarden van laboratoriumonderzoek in een algemeen ziekenhuis: resultaten en bevindingen. *Ned Tijdschr Klin Chem Labgeneesk*. 2009; 34: 35-43.

Geerts AF, De Koning FH, De Smet PA, van Solinge WW, Egberts TC. Laboratory tests in the clinical risk management of potential drug-drug interactions: a cross-sectional study using drug-dispensing data from 100 Dutch community pharmacies. *Drug Saf*. 2009; 32 (12): 1189-97.

Keuren JF, Kleinveld HA, Oosterhuis WP. Resultaten van reflecterend testen bij 1e-lijnslaboratoriumuitslagen. *Ned Tijdschr Klin Chem Labgeneesk*. 2009; 34: 240-3.

Kroot JJ, Hendriks JC, Laarakkers CM, Klaver SM, Kemna EH, Tjalsma H, Swinkels DW. (Pre)analytical imprecision, between-subject variability, and daily variations in serum and urine hepcidin: implications for clinical studies. *Anal Biochem*. 2009 Jun 15; 389 (2): 124-9.

Kroot JJ, Kemna EH, Bansal SS, Busbridge M, Campostri ni N, Girelli D, Hider RC, Koliaraki V, Mamalaki A, Olbina G, Tomosugi N, Tselepis C, Ward DG, Ganz T, Hendriks JC, Swinkels DW. Results of the first international round robin for the quantification of urinary and plasma hepcidin assays: need for standardization. *Haematologica*. 2009 Dec; 94 (12): 1748-52.

Vlasveld LT, Castel A, Custers AJ, Steen G. Onderzoek naar referentiewaarden van laboratoriumonderzoek in een algemeen ziekenhuis: kanttekeningen en aanbevelingen. *betrouwbaarheidsinter*. *Ned Tijdschr Klin Chem Labgeneesk*. 2009; 34: 44-8.

Oosterhuis WP, Keuren JF, Verboeket-van de Venne WP, Soomers FL, Stoffers HE, Kleinveld HA. Laboratory input. General practitioners positive about reflective testing. *Ned Tijdschr Geneesk*. 2009; 153: A486.

Oosterhuis WP, Raijmakers MT, Leers MP, Keuren JF, Verboeket-van de Venne, WP, Munnix IC, Kleinveld HA. Consultfunctie: van klinisch chemicus naar laboratoriumspecialist. *Ned Tijdschr Klin Chem Labgeneesk*. 2009; 34: 214-8.

Klinisch: Allergie / infectieziekten

de Mast Q, Nadjm B, Reyburn H, Kemna EH, Amos B, Laarakkers CM, Silalye S, Verhoef H, Sauerwein RW, Swinkels DW, van der Ven AJ. Assessment of urinary concentrations of hepcidin provides novel insight into disturbances in iron homeostasis during malarial infection. *J Infect Dis*. 2009 Jan 15; 199 (2): 253-262.

de Mast Q, van Dongen-Lases EC, Swinkels DW, Nieman AE, Roestenberg M, Druilhe P, Arens TA, Luty AJ, Hermsen CC, Sauerwein RW, van der Ven AJ. Mild increases in serum hepcidin and interleukin-6 concentrations impair iron incorporation in haemoglobin during an experimental human malaria infection. *Br J Haematol*. 2009 Jun; 145 (5): 657-64.

de Wit NC, de Jager CP, Meekelenkamp JC, Schoorl M, van Gageldonk-Lafeber AB, Leenders AC, Kusters R, Wever PC. Markers of infection in inpatients and outpatients with acute Q-fever. *Clin Chem Lab Med*. 2009; 47 (11): 1407-9.

Heide R, van Doorn K, Mulder PG, van Toorenenbergen AW, Beishuizen A, de Groot H, Tank B, Oranje AP. Serum tryptase and SCORMA (SCORing MASTocytosis) Index as disease severity parameters in childhood and adult cutaneous mastocytosis. *Clin Exp Dermatol*. 2009; 34: 462-8.

Lansbergen GW, van Leer EH, van der Vegte GJ, Thomas JM, Kok PJ. Allergiediagnostiek in de regio Midden-Holland; zo gezond als een vis? *Ned Tijdschr Allergie*. 2009; 9: 93-101.

Sprong T, Mollnes TE, Neeleman C, Swinkels D, Netea MG, van der Meer JW, van Deuren M. Mannose-binding lectin is a critical factor in systemic complement activation during meningococcal septic shock. *Clin Infect Dis*. 2009 Nov 1; 49 (9): 1380-6.

van Luin M, Brouwer AM, van der Ven A, de Lange W, van Schaik RH, Burger DM. Efavirenz dose reduction to 200 mg once daily in a patient treated with rifampicin. *AIDS*. 2009 Mar 27; 23 (6): 742-4.

Wesseldijk F, van Toorenenbergen AW, van Wijk RG, Huygen FJ, Zijlstra FJ. IgE-Mediated Hypersensitivity: Patients with Complex Regional Pain Syndrome Type 1 (CRPS1) vs the Dutch Population. A Retrospective Study. *Pain Med*. 2009 Jan 1; 10 (1): 172-8.

Klinisch: Endocrinologie

Bisschop PH, Corssmit EP, Baas SJ, Serlie MJ, Endert E, Wiersinga WM, Fliers E. Evaluation of Endocrine Tests. C: glucagon and clonidine test in pheochromocytoma. *Neth J Med*. 2009 Mar; 67 (3): 91-5.

Boomsma CM, Kavelaars A, Eijkemans MJ, Lentjes EG, Fauser BC, Heijnen CJ, Macklon NS. Endometrial secretion analysis identifies a cytokine profile predictive of pregnancy in IVF. *Hum Reprod*. 2009 Jun; 24 (6): 1427-35.

Brugts MP, Luermans JG, Lentjes EG, van Trooyen-van Vrouwerff NJ, van der Horst FA, Slee PH, Lamberts SW, Janssen JA. Heterophilic antibodies may be a cause of falsely low total IGF1 levels. *Eur J Endocrinol*. 2009 Oct; 161 (4): 561-5.

de Jong WH, Eisenhofer G, Post WJ, Muskiet FA, de Vries EG, Kema IP. Dietary influences on plasma and urinary metanephrines: implications for diagnosis of catecholamine-producing tumors. *J Clin Endocrinol Metab*. 2009 Aug; 94 (8): 2841-9.

- del Giudice EM, Santoro N, Amato A, Brienza C, Calabro P, Wiegerinck ET, Cirillo G, Tartaglione N, Grandone A, Swinkels DW, Perrone L. Hepcidin in obese children as a potential mediator of the association between obesity and iron deficiency. *J Clin Endocrinol Metab.* 2009 Dec; 94 (12): 5102-7.
- Eijsbouts AM, Kempers MJ, Kramer RS, Hopman MT, van den Hoogen FH, Laan RF, Hermus AR, Sweep FC, van de Putte LB. Effect of naproxen on the hypothalamic-pituitary-adrenal axis in healthy volunteers. *Br J Clin Pharmacol.* 2009 Jan; 67 (1): 22-8.
- Eskes SA, Tomasoa NB, Endert E, Geskus RB, Fliers E, Wiersinga WM. Establishment of reference values for endocrine tests. Part VII: growth hormone deficiency. *Neth J Med.* 2009 Apr; 67 (4): 127-33.
- Haeck IM, Hamdy NA, Timmer-de Mik L, Lentjes EG, Verhaar HJ, Knol MJ, de Bruin-Weller MS, Bruijnzeel-Koomen CA. Low bone mineral density in adult patients with moderate to severe atopic dermatitis. *Br J Dermatol.* 2009 Dec; 161 (6): 1248-54.
- Heijboer AC, Netelenbos JC, Blankenstein MA. Meningioma in untreated congenital adrenal hyperplasia: a relationship? *J Neurooncol.* 2009 Apr; 92 (2): 223-5.
- Horjus C, Groot I, Telting D, van Setten P, van Sorge A, Kovacs CS, Hermus A, de Boer H. Cinacalcet for hyperparathyroidism in pregnancy and puerperium. *J Pediatr Endocrinol Metab.* 2009 Aug; 22 (8): 741-9.
- Kiewiet R, van Aken M, van der Weerd K, Uitterlinden P, Themmen A, Hofland L, de Rijke Y, Delhanty P, Ghigo E, Abribat T, Van der Lely A. Effects of acute administration of acylated and unacylated ghrelin on glucose and insulin concentrations in morbidly obese subjects without overt diabetes. *Eur J Endocrinol.* 2009 Oct; 161 (4): 567-73.
- Klieverik LP, Coomans CP, Endert E, Sauerwein HP, Havekes LM, Voshol PJ, Rensen PC, Romijn JA, Kalsbeek A, Fliers E. Thyroid hormone effects on whole-body energy homeostasis and tissue-specific fatty acid uptake in vivo. *Endocrinology.* 2009 Dec; 150 (12): 5639-48.
- Kok P, Roelfsema F, Frolich M, van Pelt J, Meinders AE, Pijl H. Bromocriptine reduces augmented thyrotropin secretion in obese premenopausal women. *J Clin Endocrinol Metab.* 2009 Apr; 94 (4): 1176-81.
- Korse CM, Bonfrer JM, van Beurden M, Verheijen RH, Rookus MA. Estradiol and testosterone levels are lower after oophorectomy than after natural menopause. *Tumour Biol.* 2009; 30 (1): 37-42.
- Makras P, Hamdy NA, Zwinderman AH, Ballieux BE, Papapoulos SE. Bisphosphonate dose and incidence of fractures in postmenopausal osteoporosis. *Bone.* 2009 May; 44 (5): 766-71.
- Roelfsema F, Pereira AM, Veldhuis JD, Adriaanse R, Endert E, Fliers E, Romijn JA. Thyrotropin secretion profiles are not different in men and women. *J Clin Endocrinol Metab.* 2009 Oct; 94 (10): 3964-7.
- Schindhelm RK, Diamant M, Bilo HJG, Slingerland RJ. 1,5-anhydroglucitol (1,5-AG) en glykemische instelling. *Ned Tijdschr Diabetologie.* 2009; 7 (2): 43-8.
- Teunissen JJ, Krenning EP, de Jong FH, de Rijke YB, Feelders RA, van Aken MO, de Herder WW, Kwekkeboom DJ. Effects of therapy with [(177)Lu-DOTA (0),Tyr (3)]octreotate on endocrine function. *Eur J Nucl Med Mol Imaging.* 2009 Nov; 36 (11): 1758-66.
- Thijssen JH. Gene polymorphisms that may influence the biological effects of progestins. *Maturitas.* 2009 Apr 20; 62 (4): 366-70.
- Thijssen JH. On the possible role of mammary-derived growth hormone in human breast cancer. *Maturitas.* 2009 Dec; 65 Suppl 1: S13-6.
- van Beek RD, van den Heuvel-Eibrink MM, Hakvoort-Cammel FG, van den Bos C, van der Pal HJ, Krenning EP, de Rijke YB, Pieters R, de Muinck Keizer-Schrama SM. Bone mineral density, growth and thyroid function in long-term survivors of pediatric Hodgkin's lymphoma treated with chemotherapy only. *J Clin Endocrinol Metab.* 2009 Jun; 94 (6): 1904-9.
- van Bon AC, Benhadi N, Endert E, Fliers E, Wiersinga WM. Evaluation of endocrine tests. D: the prolonged fasting test for insulinoma. *Neth J Med.* 2009 Jul-Aug; 67 (7): 274-8.
- van der Crabben SN, Blumer RM, Stegenga ME, Ackermans MT, Endert E, Tanck MW, Serlie MJ, van der Poll T, Sauerwein HP. Early endotoxemia increases peripheral and hepatic insulin sensitivity in healthy humans. *J Clin Endocrinol Metab.* 2009 Feb; 94 (2): 463-8.
- van Hoek M, Hofland LJ, de Rijke YB, van Nederveen FH, de Krijger RR, van Koetsveld PM, Lamberts SW, van der Lely AJ, de Herder WW, Feelders RA. Effects of somatostatin analogs on a growth hormone-releasing hormone secreting bronchial carcinoid, in vivo and in vitro studies. *J Clin Endocrinol Metab.* 2009 Feb; 94 (2): 428-33.
- van Vliet M, von Rosenstiel IA, Schindhelm RK, Brandjes DP, Beijnen JH, Diamant M. Identifying the metabolic syndrome in obese children and adolescents: do age and definition matter? *Curr Clin Pharmacol.* 2009; 4 (3): 233-238.
- Veen G, Derijk RH, Giltay EJ, van Vliet IM, van Pelt J, Zitman FG. The influence of psychiatric comorbidity on the dexamethasone/CRH test in major depression. *Eur Neuropsychopharmacol.* 2009 Jun; 19 (6): 409-15.
- Verburg FA, de Keizer B, de Klerk JM, Lentjes EG, Lips CJ, van Isselt JW. Value of diagnostic radioiodine scintigraphy and thyroglobulin measurements after rhTSH injection. *Nuklearmedizin.* 2009; 48 (1): 26-9.
- Verdijk LB, Jonkers RA, Gleeson BG, Beelen M, Meijer K, Savelberg HH, Wodzig WK, Dendale P, van Loon LJ. Protein supplementation before and after exercise does not further augment skeletal muscle hypertrophy after resistance training in elderly men. *Am J Clin Nutr.* 2009 Feb; 89 (2): 608-16.
- Verhoeven S, Vanschoonbeek K, Verdijk LB, Koopman R, Wodzig WK, Dendale P, van Loon LJ. Long-term leucine supplementation does not increase muscle mass or strength in healthy elderly men. *Am J Clin Nutr.* 2009 May; 89 (5): 1468-75.
- Vos XG, Smit N, Endert E, Brosschot JF, Tijssen JG, Wiersinga WM. Age and stress as determinants of the severity of hyperthyroidism caused by Graves' disease in newly diagnosed patients. *Eur J Endocrinol.* 2009 Feb; 160 (2): 193-9.
- Vos XG, Smit N, Endert E, Tijssen JG, Wiersinga WM. Variation in phenotypic appearance of Graves' disease: effect of genetic anticipation and duration of complaints. *Eur J Endocrinol.* 2009 Jul; 161 (1): 113-8.

Welboren WJ, van Driel MA, Janssen-Megens EM, van Heeringen SJ, Sweep FC, Span PN, Stunnenberg HG. ChIP-Seq of ERalpha and RNA polymerase II defines genes differentially responding to ligands. *EMBO J*. 2009 May 20; 28 (10): 1418-28.

Klinisch: Erfelijke stofwisselingsziekten

Acehan D, Khuchua Z, Houtkooper RH, Malhotra A, Kaufman J, Vaz FM, Ren M, Rockman HA, Stokes DL, Schlame M. Distinct effects of tafazzin deletion in differentiated and undifferentiated mitochondria. *Mitochondrion*. 2009 Apr; 9 (2): 86-95.

Adeva-Bartolome MT, Ribes A, Zurdo JM, Salomons G. L-2 hydroxyglutaric aciduria: presentation of a family diagnosed in adulthood. *Neurologia*. 2009 Jun; 24 (5): 338-41.

Arnauld S, Fidaleo M, Clemencet MC, Chevillard G, Athias A, Gresti J, Wanders RJA, Latruffe N, Nicolas-Frances V, Mandard S. Modulation of the hepatic fatty acid pool in peroxisomal 3-ketoacyl-CoA thiolase B-null mice exposed to the selective PPARalpha agonist Wy14,643. *Biochimie*. 2009 Nov-Dec; 91 (11-12): 1376-86.

Blom HJ. Folic acid, methylation and neural tube closure in humans. *Birth Defects Res A Clin Mol Teratol*. 2009 Apr; 85 (4): 295-302.

Chegary M, Brinke H, Ruitter JP, Wijburg FA, Stoll MS, Minkler PE, van Weeghel M, Schulz H, Hoppel CL, Wanders RJA, Houten SM. Mitochondrial long chain fatty acid beta-oxidation in man and mouse. *Biochim Biophys Acta*. 2009 Aug; 1791 (8): 806-15.

Coen M, Wevers RA, Lindon JC, Blom HJ. High-resolution ¹H NMR spectroscopic investigation of a chick embryo model of neural tube development. *Magn Reson Chem*. 2009 Dec; 47 Suppl 1: S62-7.

De Ruyscher D, Dehing C, Bentzen SM, Houben R, Dekker A, Wanders RJA, Borger J, Hochstenbag M, Boersma L, Geskes G, Dingemans AM, Bootsma G, Lammering G, Lambin P. Can we optimize chemo-radiation and surgery in locally advanced stage III non-small cell lung cancer based on evidence from randomized clinical trials? A hypothesis-generating study. *Radiother Oncol*. 2009 Dec; 93 (3): 389-95.

Ebberink MS, Mooyer PA, Koster J, Dekker CJ, Eyskens FJ, Dionisi-Vici C, Clayton PT, Barth PG, Wanders RJA, Waterham HR. Genotype-phenotype correlation in PEX5-deficient peroxisome biogenesis defective cell lines. *Hum Mutat*. 2009 Jan; 30 (1): 93-8.

Engelke UF, Tassini M, Hayek J, de Vries M, Bilos A, Vivi A, Valensin G, Buoni S, Zannolli R, Brussel W, Kremer B, Salomons GS, Veendrick-Meekes MJ, Kluijtmans LA, Morava E, Wevers RA. Guanidinoacetate methyltransferase (GAMT) deficiency diagnosed by proton NMR spectroscopy of body fluids. *NMR Biomed*. 2009 Jun; 22 (5): 538-44.

Fiskerstrand T, Knappskog P, Majewski J, Wanders RJ, Boman H, Bindoff LA. A novel Refsum-like disorder that maps to chromosome 20. *Neurology*. 2009 Jan 6; 72 (1): 20-7.

Fons C, Sempere A, Sanmarti FX, Arias A, Poo P, Pineda M, Ribes A, Merinero B, Vilaseca MA, Salomons GS, Artuch R, Campistol J. Epilepsy spectrum in cerebral creatine transporter deficiency. *Epilepsia*. 2009 Sep; 50 (9): 2168-70.

Fourcade S, Ruiz M, Camps C, Schluter A, Houten SM, Mooyer PA, Pampols T, Dacremont G, Wanders RJA, Giros

M, Pujol A. A key role for the peroxisomal ABCD2 transporter in fatty acid homeostasis. *Am J Physiol Endocrinol Metab*. 2009 Jan; 296 (1): E211-21.

Franke B, Vermeulen SH, Steegers-Theunissen RP, Coenen MJ, Schijvenaars MM, Scheffer H, den Heijer M, Blom HJ. An association study of 45 folate-related genes in spina bifida: Involvement of cubilin (CUBN) and tRNA aspartic acid methyltransferase 1 (TRDMT1). *Birth Defects Res A Clin Mol Teratol*. 2009 Mar; 85 (3): 216-26.

Gallagher RC, Van Hove JL, Scharer G, Hyland K, Plecko B, Waters PJ, Mercimek-Mahmutoglu S, Stockler-Ipsiroglu S, Salomons GS, Rosenberg EH, Struys EA, Jakobs C. Folinic acid-responsive seizures are identical to pyridoxine-dependent epilepsy. *Ann Neurol*. 2009 May; 65 (5): 550-6.

Goodwin AK, Brown PR, Jansen EE, Jakobs C, Gibson KM, Weerts EM. Behavioral effects and pharmacokinetics of gamma-hydroxybutyrate (GHB) precursors gamma-butyrolactone (GBL) and 1,4-butanediol (1,4-BD) in baboons. *Psychopharmacology (Berl)*. 2009 Jun; 204 (3): 465-76.

Guillard M, Dimopoulou A, Fischer B, Morava E, Lefeber DJ, Kornak U, Wevers RA. Vacuolar H⁺-ATPase meets glycosylation in patients with cutis laxa. *Biochim Biophys Acta*. 2009 Sep; 1792 (9): 903-14.

Guillard M, Gloerich J, Wessels HJ, Morava E, Wevers RA, Lefeber DJ. Automated measurement of permethylated serum N-glycans by MALDI-linear ion trap mass spectrometry. *Carbohydr Res*. 2009 Aug 17; 344 (12): 1550-7.

Hantke J, Chandler D, King R, Wanders RJA, Angelicheva D, Tournev I, McNamara E, Kwa M, Guergueltcheva V, Kaneva R, Baas F, Kalaydjieva L. A mutation in an alternative untranslated exon of hexokinase 1 associated with hereditary motor and sensory neuropathy Russe (HMSNR). *Eur J Hum Genet*. 2009 Dec; 17 (12): 1606-14.

Hoeksma M, Reijngoud D-J, Pruijm J, de Valk HW, Paans AM, van Spronsen FJ. Phenylketonuria: High plasma phenylalanine decreases cerebral protein synthesis. *Mol Genet Metab*. 96 (2009) 177-82.

Hooijmans CR, Blom HJ, Oppenraaij-Emmerzaal D, Ritskes-Hoitinga M, Kiliaan AJ. S-adenosylmethionine and S-adenosylhomocysteine levels in the aging brain of APP/PS1 Alzheimer mice. *Neurol Sci*. 2009 Oct; 30 (5): 439-45.

Houtkooper RH, Rodenburg RJ, Thiels C, van Lenthe H, Stet F, Poll-The BT, Stone JE, Steward CG, Wanders RJA, Smeitink J, Kulik W, Vaz FM. Cardiolipin and monolysocardiolipin analysis in fibroblasts, lymphocytes, and tissues using high-performance liquid chromatography-mass spectrometry as a diagnostic test for Barth syndrome. *Anal Biochem*. 2009 Apr 15; 387 (2): 230-7.

Houtkooper RH, Turkenburg M, Poll-The BT, Karall D, Perez-Cerda C, Morrone A, Malvagia S, Wanders RJA, Kulik W, Vaz FM. The enigmatic role of tafazzin in cardiolipin metabolism. *Biochim Biophys Acta*. 2009 Oct; 1788 (10): 2003-14.

Huchtagowder V, Morava E, Kornak U, Lefeber DJ, Fischer B, Dimopoulou A, Aldinger A, Choi J, Davis EC, Abuelo DN, Adamowicz M, Al-Aama J, Basel-Vanagaite L, Fernandez B, Grealley MT, Gillissen-Kaesbach G, Kayserili H, Lemyre E, Tekin M, Turkmen S, Tuysuz B, Yuksel-Konuk B, Mundlos S, Van Maldergem L, Wevers RA, Urban Z. Loss-of-function mutations in ATP6V0A2 impair vesicular trafficking, tropoelastin secretion and cell survival. *Hum Mol Genet*. 2009 Jun 15; 18 (12): 2149-65.

- Jacobs EM, Hendriks JC, van Deursen CT, Kreeftenberg HG, de Vries RA, Marx JJ, Stalenhof AF, Verbeek AL, Swinkels DW. Severity of iron overload of proband determines serum ferritin levels in families with HFE-related hemochromatosis: the Hemochromatosis Family Study. *J Hepatol.* 2009 Jan; 50 (1): 174-83.
- Jamroz E, Adamek D, Paprocka J, Adamowicz M, Marszal E, Wevers RA. CDG type Ia and congenital cytomegalovirus infection: two coexisting conditions. *J Child Neurol.* 2009 Jan; 24 (1): 13-8.
- Janssen MC, Swinkels DW. Hereditary haemochromatosis. *Best Pract Res Clin Gastroenterol.* 2009; 23 (2): 171-83.
- Kartikasari AE, Wagener FA, Yachie A, Wiegerinck ET, Kemna EH, Swinkels DW. Hcpidin suppression and defective iron recycling account for dysregulation of iron homeostasis in heme oxygenase-1 deficiency. *J Cell Mol Med.* 2009 Sep; 13 (9B): 3091-102.
- Kluger G, Blank R, Paul K, Paschke E, Jansen E, Jakobs C, Worle H, Plecko B. Pyridoxine-dependent epilepsy: normal outcome in a patient with late diagnosis after prolonged status epilepticus causing cortical blindness. *Neuropediatrics.* 2008 Oct; 39 (5): 276-9.
- Kolwijck E, Engelke UF, van der Graaf M, Heerschap A, Blom HJ, Hadfoune M, Buurman WA, Massuger LF, Wevers RA. N-acetyl resonances in in vivo and in vitro NMR spectroscopy of cystic ovarian tumors NMR Biomed. 2009 Dec; 22 (10): 1093-9.
- Kranendijk M, Salomons GS, Gibson KM, Aktuglu-Zeybek C, Bekri S, Christensen E, Clarke J, Hahn A, Korman SH, Mejaski-Bosnjak V, Superti-Furga A, Vianey-Saban C, van der Knaap MS, Jakobs C, Struys EA. Development and implementation of a novel assay for L-2-hydroxyglutarate dehydrogenase (L-2-HGDH) in cell lysates: L-2-HGDH deficiency in 15 patients with L-2-hydroxyglutaric aciduria. *J Inherit Metab Dis.* 2009 Dec; 32 (6): 713-9.
- Kraus JP, Hasek J, Kozich V, Collard R, Venezia S, Janosikova B, Wang J, Stabler SP, Allen RH, Jakobs C, Finn CT, Chien YH, Hwu WL, Hegele RA, Mudd SH. Cystathionine gamma-lyase: Clinical, metabolic, genetic, and structural studies. *Mol Genet Metab.* 2009 Aug; 97 (4): 250-9.
- Le Pechoux C, Dunant A, Senan S, Wolfson A, Quoix E, Faivre-Finn C, Ciuleanu T, Arriagada R, Jones R, Wanders RJA, Lerouge D, Laplanche A. Prophylactic Cranial Irradiation (PCI) Collaborative Group. Standard-dose versus higher-dose prophylactic cranial irradiation (PCI) in patients with limited-stage small-cell lung cancer in complete remission after chemotherapy and thoracic radiotherapy (PCI 99-01, EORTC 22003-08004, RTOG 0212, and IFCT 99-01). *Lancet Oncol.* 2009 May; 10 (5): 467-74.
- Lefebvre DJ, Schonberger J, Morava E, Guillard M, Huyben KM, Verrijp K, Grafakou O, Evangelidou A, Preijers FW, Manta P, Yildiz J, Grunewald S, Spilioti M, van den Elzen C, Klein D, Hess D, Ashida H, Hofsteenge J, Maeda Y, van den Heuvel L, Lammens M, Lehle L, Wevers RA. Deficiency of Dol-P-Man synthase subunit DPM3 bridges the congenital disorders of glycosylation with the dystroglycanopathies. *Am J Hum Genet.* 2009 Jul; 85 (1): 76-86.
- Malaspina P, Picklo MJ, Jakobs C, Snead OC, Gibson KM. Comparative genomics of aldehyde dehydrogenase 5a1 (succinate semialdehyde dehydrogenase) and accumulation of gamma-hydroxybutyrate associated with its deficiency. *Hum Genomics.* 2009 Jan; 3 (2): 106-20.
- Mercimek-Mahmutoglu S, Muehl A, Salomons GS, Neophytou B, Moeslinger D, Struys E, Bodamer OA, Jakobs C, Stockler-Ipsiroglu S. Screening for X-linked creatine transporter (SLC6A8) deficiency via simultaneous determination of urinary creatine to creatinine ratio by tandem mass-spectrometry. *Mol Genet Metab.* 2009 Apr; 96 (4): 273-5.
- Mochel F, Sedel F, Vanderver A, Engelke UF, Barritault J, Yang BZ, Kulkarni B, Adams DR, Clot F, Ding JH, Kaneski CR, Verheijen FW, Smits BW, Seguin F, Brice A, Vanier MT, Huizing M, Schiffmann R, Durr A, Wevers RA. Cerebellar ataxia with elevated cerebrospinal free sialic acid (CAFSA). *Brain.* 2009 Mar; 132 (Pt 3): 801-9.
- Mochel F, Yang B, Barritault J, Thompson JN, Engelke UF, McNeill NH, Benko WS, Kaneski CR, Adams DR, Tsokos M, Abu-Asab M, Huizing M, Seguin F, Wevers RA, Ding J, Verheijen FW, Schiffmann R. Free sialic acid storage disease without sialuria. *Ann Neurol.* 2009 Jun; 65 (6): 753-7.
- Montoya Alvarez T, Guardiola PD, Roldan JO, Elviro R, Wevers R, Guijarro G. Primary trimethylaminuria: the fish odor syndrome. *Endocrinol Nutr.* 2009 Jun-Jul; 56 (6): 337-40.
- Morava E, Guillard M, Lefebvre DJ, Wevers RA. Autosomal recessive cutis laxa syndrome revisited. *Eur J Hum Genet.* 2009 Sep; 17 (9): 1099-110.
- Morava E, Steuerwald U, Carrozzo R, Kluijtmans LA, Joensen F, Santer R, Dionisi-Vici C, Wevers RA. Dystonia and deafness due to SUCLA2 defect; Clinical course and biochemical markers in 16 children. *Mitochondrion.* 2009 Nov; 9 (6): 438-42.
- Morava E, Wevers RA, Willemsen MA, Lefebvre D. Cobblestone-like brain dysgenesis and altered glycosylation in congenital cutis laxa, Debre type. *Neurology.* 2009 Oct 6; 73 (14): 1164; author reply 1164-5.
- Morava E, Wosik HN, Sykut-Cegielska J, Adamowicz M, Guillard M, Wevers RA, Lefebvre DJ, Cruysberg JR. Ophthalmological abnormalities in children with congenital disorders of glycosylation type I. *Br J Ophthalmol.* 2009 Mar; 93 (3): 350-4.
- Nijland R, Hartog FE, Wevers RA, Wanders RJ, Willemsen WN. Galactose-1-phosphate uridyl transferase deficiency is not associated with Mullerian aplasia in Dutch patients. *J Pediatr Adolesc Gynecol.* 2009 Aug; 22 (4): 229-31.
- Noordam C, Funke S, Knoers NV, Jira P, Wevers RA, Urban Z, Morava E. Decreased bone density and treatment in patients with autosomal recessive cutis laxa. *Acta Paediatr.* 2009 Mar; 98 (3): 490-4.
- O'Connor G, King M, Salomons G, Jakobs C, Hardiman O. A novel mutation as a cause of L-2-hydroxyglutaric aciduria. *J Neurol.* 2009 Apr; 256 (4): 672-3.
- O'Rourke DJ, Ryan S, Salomons G, Jakobs C, Monavari A, King MD. Guanidinoacetate methyltransferase (GAMT) deficiency: late onset of movement disorder and preserved expressive language. *Dev Med Child Neurol.* 2009 May; 51 (5): 404-7.
- Pearl PL, Gibson KM, Cortez MA, Wu Y, Carter Snead O 3rd, Knerr I, Forester K, Pettiford JM, Jakobs C, Theodore WH. Succinic semialdehyde dehydrogenase deficiency: lessons from mice and men. *J Inherit Metab Dis.* 2009 Jun; 32 (3): 343-52.
- Pearl PL, Gibson KM, Quezado Z, Dustin I, Taylor J, Trzcinski S, Schreiber J, Forester K, Reeves-Tyer P, Liew C, Shamim S,

- Herscovitch P, Carson R, Butman J, Jakobs C, Theodore W. Decreased GABA-A binding on FMZ-PET in succinic semialdehyde dehydrogenase deficiency. *Neurology*. 2009 Aug 11; 73 (6): 423-9.
- Pearl PL, Shamim S, Theodore WH, Gibson KM, Forester K, Combs SE, Lewin D, Dustin I, Reeves-Tyer P, Jakobs C, Sato S. Polysomnographic abnormalities in succinic semialdehyde dehydrogenase (SSADH) deficiency. *Sleep*. 2009 Dec 1; 32 (12): 1645-8.
- Poloni CB, Ferey S, Haenggeli CA, Delavelle J, Bottani A, Salomons GS, Van Der Knaap MS, Korff CM. Alexander disease: early presence of cerebral MRI criteria. *Eur J Paediatr Neurol*. 2009 Nov; 13 (6): 556-8.
- Rijken PJ, Houtkooper RH, Akbari H, Brouwers JF, Koorengevel MC, de Kruijff B, Frentzen M, Vaz FM, de Kroon AI. Cardiolipin molecular species with shorter acyl chains accumulate in *Saccharomyces cerevisiae* mutants lacking the acyl coenzyme A-binding protein Acb1p: new insights into acyl chain remodeling of cardiolipin. *J Biol Chem*. 2009 Oct 2; 284 (40): 27609-19.
- Rosenberg EH, Struys EA, Hyland K, Plecko B, Waters PJ, Mercimek-Mahmutoglu S, Stockler-Ipsiroglu S, Gallagher RC, Scharer G, van Hove JL, Jakobs C, Salomons GS. Mutation detection in DNA isolated from cerebrospinal fluid and urine: Clinical utility and pitfalls of multiple displacement amplification. *Mol Genet Metab*. 2009 Aug; 97 (4): 312-4.
- Sanders RJ, Ofman R, Dekker C, Kemp S, Wanders RJ. Enzymatic diagnosis of Sjögren-Larsson syndrome using electrospray ionization mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2009 Feb 1; 877 (4): 451-5.
- Scheurman O, Wanders RJA, Waterham HR, Dubnov-Raz G, Garty BZ. Mitochondrial trifunctional protein deficiency with recurrent rhabdomyolysis. *Pediatr Neurol*. 2009 Jun; 40 (6): 465-7.
- Schreiner LJ, Joshi CP, Darko J, Kerr A, Salomons G, Dhanesar S. The role of Cobalt-60 in modern radiation therapy: Dose delivery and image guidance. *J Med Phys*. 2009 Jul; 34 (3): 133-6.
- Shaw GM, Carmichael SL, Vollset SE, Yang W, Finnell RH, Blom H, Middttun O, Ueland PM. Mid-pregnancy cotinine and risks of orofacial clefts and neural tube defects. *J Pediatr*. 2009 Jan; 154 (1): 17-9.
- Shaw GM, Finnell RH, Blom HJ, Carmichael SL, Vollset SE, Yang W, Ueland PM. Choline and risk of neural tube defects in a folate-fortified population. *Epidemiology*. 2009 Sep; 20 (5): 714-9.
- Shaw GM, Vollset SE, Carmichael SL, Yang W, Finnell RH, Blom H, Ueland PM. Nested case-control study of one-carbon metabolites in mid-pregnancy and risks of cleft lip with and without cleft palate. *Pediatr Res*. 2009 Nov; 66 (5): 501-6.
- Skvorak KJ, Hager EJ, Arning E, Bottiglieri T, Paul HS, Strom SC, Homanics GE, Sun Q, Jansen EE, Jakobs C, Zinnanti WJ, Gibson KM. Hepatocyte transplantation (HTx) corrects selected neurometabolic abnormalities in murine intermediate maple syrup urine disease (iMSUD). *Biochim Biophys Acta*. 2009 Oct; 1792 (10): 1004-10.
- Soeters MR, Sauerwein HP, Duran M, Wanders RJ, Ackermans MT, Fliers E, Houten SM, Serlie MJ. Muscle acylcarnitines during short-term fasting in lean healthy men. *Clin Sci (Lond)*. 2009 Apr; 116 (7): 585-92.
- Soeters MR, Sauerwein HP, Faas L, Smeenge M, Duran M, Wanders RJA, Ruiten AF, Ackermans MT, Fliers E, Houten SM, Serlie MJ. Effects of insulin on ketogenesis following fasting in lean and obese men. *Obesity (Silver Spring)*. 2009 Jul; 17 (7): 1326-31.
- Steenweg ME, Salomons GS, Yapici Z, Uziel G, Scalais E, Zafeiriou DI, Ruiz-Falco ML, Mejaski-Bosnjak V, Augoustides-Savvopoulou P, Wajner M, Walter J, Verhoeven-Duif NM, Struys EA, Jakobs C, van der Knaap MS. L-2-Hydroxyglutaric aciduria: pattern of MR imaging abnormalities in 56 patients. *Radiology*. 2009 Jun; 251 (3): 856-65.
- Steinfeld R, Grapp M, Kraetzner R, Dreha-Kulaczewski S, Helms G, Dechent P, Wevers R, Grosso S, Gartner J. Folate receptor alpha defect causes cerebral folate transport deficiency: a treatable neurodegenerative disorder associated with disturbed myelin metabolism. *Am J Hum Genet*. 2009 Sep; 85 (3): 354-63.
- Strijbis K, van Roermund CW, Hardy GP, van den Burg J, Bloem K, de Haan J, van Vlies N, Wanders RJ, Vaz FM, Distel B. Identification and characterization of a complete carnitine biosynthesis pathway in *Candida albicans*. *FASEB J*. 2009 Aug; 23 (8): 2349-59.
- Teunissen CE, Iacobaeus E, Khademi M, Brundin L, Norgren N, Koel-Simmelink MJ, Schepens M, Bouwman F, Twaalfhoven HA, Blom HJ, Jakobs C, Dijkstra CD. Combination of CSF N-acetylaspartate and neurofilaments in multiple sclerosis. *Neurology*. 2009 Apr 14; 72 (15): 1322-9.
- Tylki-Szymanska A, Stradomska TJ, Wameling MM, Salomons GS, Taybert J, Pawlowska J, Jakobs C. Transaldolase deficiency in two new patients with a relative mild phenotype. *Mol Genet Metab*. 2009 May; 97 (1): 15-7.
- Vaes BL, Lute C, Blom HJ, Bravenboer N, de Vries TJ, Everts V, Dhonukshe-Rutten RA, Muller M, de Groot LC, Steegenga WT. Vitamin B (12) deficiency stimulates osteoclastogenesis via increased homocysteine and methylmalonic acid. *Calcif Tissue Int*. 2009 May; 84 (5): 413-22.
- van der Voorn JP, Pouwels PJ, Salomons GS, Barkhof F, van der Knaap MS. Unraveling pathology in juvenile Alexander disease: serial quantitative MR imaging and spectroscopy of white matter. *Neuroradiology*. 2009 Oct; 51 (10): 669-75.
- van der Zwan LP, Teerlink T, Dekker JM, Henry RM, Stehouwer CD, Jakobs C, Heine RJ, Scheffer PG. Circulating oxidized LDL: determinants and association with brachial flow-mediated dilation. *J Lipid Res*. 2009 Feb; 50 (2): 342-9.
- van Spronsen FJ, Hoeksma M, Reijngoud D-J. Brain dysfunction in phenylketonuria: is phenylalanine toxicity the only possible cause? *J Inher Metab Dis*. 2009; 32: 46-51.
- Verrips A, Wevers RA, van Spronsen FJ, Sikkens H. The right medicine for cerebrotendinous xanthomatosis. *Ned Tijdschr Geneesk*. 2009 Apr 11; 153 (15): 726-7.
- Visser G, van Spronsen FJ, de Sain-van der Velden MG, Blom HJ, Wijburg FA. Extensive neonatal heel injection screening for metabolic diseases in the Netherlands. *Ned Tijdschr Geneesk*. 2009 May 2; 153 (18): 848-53.
- Wickenhagen WV, Salomons GS, Gibson KM, Jakobs C, Struys EA. Measurement of D: -2-hydroxyglutarate dehydrogenase activity in cell homogenates derived from D: -2-hydroxyglutaric aciduria patients. *J Inher Metab Dis*. 2009 Apr; 32 (2): 264-8.

Wortmann SB, Rodenburg RJ, Jonckheere A, de Vries MC, Huizing M, Heldt K, van den Heuvel LP, Wendel U, Kluijtmans LA, Engelke UF, Wevers RA, Smeitink JA, Morava E. Biochemical and genetic analysis of 3-methylglutaconic aciduria type IV: a diagnostic strategy. *Brain*. 2009 Jan; 132 (Pt 1): 136-46.

Zafeiriou DI, Willemsen MA, Verbeek MM, Vargiami E, Ververi A, Wevers R. Tyrosine hydroxylase deficiency with severe clinical course. *Mol Genet Metab*. 2009 May; 97 (1): 18-20.

Klinisch: Gynaecologie / obstetrie / perinatologie

Bakker DJ, de Jong-van den Berg LT, Fokkema MR. Controlled study on folate status following folic acid supplementation and discontinuation in women of child-bearing age. *Ann Clin Biochem*. 2009 May; 46 (Pt 3): 231-4.

Blik BJ, van Schaik RH, van der Heiden IP, Sayed-Tabatabaei FA, van Duijn CM, Steegers EA, Steegers-Theunissen RP; Eurocran Gene-Environment Interaction Group. Maternal medication use, carriership of the ABCB1 3435C > T polymorphism and the risk of a child with cleft lip with or without cleft palate. *Am J Med Genet A*. 2009 Oct; 149A (10): 2088-92.

Boxmeer JC, Macklon NS, Lindemans J, Beckers NG, Eijkemans MJ, Laven JS, Steegers EA, Steegers-Theunissen RP. IVF outcomes are associated with biomarkers of the homocysteine pathway in monofollicular fluid. *Hum Reprod*. 2009 May; 24 (5): 1059-66.

Boxmeer JC, Smit M, Utomo E, Romijn JC, Eijkemans MJ, Lindemans J, Laven JS, Macklon NS, Steegers EA, Steegers-Theunissen RP. Low folate in seminal plasma is associated with increased sperm DNA damage. *Fertil Steril*. 2009 Aug; 92 (2): 548-56.

Gubbels CS, Kuppens SM, Bakker JA, Konings CJ, Wodzig KW, de Sain-van der Velden MG, Menheere PP, Rubio-Gozalbo ME. Pregnancy in classic galactosemia despite undetectable anti-Mullerian hormone. *Fertil Steril*. 2009 Apr; 91 (4): 1293.e13-6.

Hellebrekers BW, Trimbos-Kemper TC, Boesten L, Jansen FW, Kolkman W, Trimbos JB, Press RR, van Poelgeest MI, Emeis SJ, Kooistra T. Preoperative predictors of postsurgical adhesion formation and the prevention of adhesions with plasminogen activator (PAPA-study): results of a clinical pilot study. *Fertil Steril*. 2009 Apr; 91 (4): 1204-14.

Janssens PM, Cheung KS. Approaching risk analysis and risk management in the fertility laboratory and semen bank. *Int J Androl*. 2009 Dec; 32 (6): 656-65.

Janssens PM. Colouring the different phases in gamete and embryo donation. *Hum Reprod*. 2009; 24 (3): 502-4.

Lok CA, Jebbink J, Nieuwland R, Faas MM, Boer K, Sturk A, van der Post JA. Leukocyte activation and circulating leukocyte-derived microparticles in preeclampsia. *Am J Reprod Immunol*. 2009 May; 61 (5): 346-59.

Steegers-Theunissen RP, Obermann-Borst SA, Kremer D, Lindemans J, Siebel C, Steegers EA, Slagboom PE, Heijmans BT. Periconceptional maternal folic acid use of 400 microg per day is related to increased methylation of the IGF2 gene in the very young child. *PLoS One*. 2009 Nov 16; 4 (11): e7845.

van Driel LM, Eijkemans MJ, de Jonge R, de Vries JH, van Meurs JB, Steegers EA, Steegers-Theunissen RP. Body mass index is an important determinant of methylation biomarkers in women of reproductive ages. *J Nutr*. 2009 Dec; 139 (12): 2315-21.

Vujkovic M, de Vries JH, Dohle GR, Bonsel GJ, Lindemans J, Macklon NS, van der Spek PJ, Steegers EA, Steegers-Theunissen RP. Associations between dietary patterns and semen quality in men undergoing IVF/ICSI treatment. *Hum Reprod*. 2009 Jun; 24 (6): 1304-12.

Wijnen HA, Kooistra L, Vader HL, Essed GG, Mol BW, Pop VJ. Maternal thyroid hormone concentration during late gestation is associated with foetal position at birth. *Clin Endocrinol (Oxf)*. 2009 Nov; 71 (5): 746-51.

Klinisch: Hart- en vaatziekten

Alssema M, Schindhelm RK, Rijkelijhuizen JM, Kostense PJ, Teerlink T, Nijpels G, Heine RJ, Dekker JM. Meal composition affects insulin secretion in women with type 2 diabetes: a comparison with healthy controls. The Hoorn prandial study. *Eur J Clin Nutr*. 2009 Mar; 63 (3): 398-404.

Bijl MJ, Visser LE, van Schaik RH, Kors JA, Witteman JC, Hofman A, Vulto AG, van Gelder T, Stricker BH. Genetic variation in the CYP2D6 gene is associated with a lower heart rate and blood pressure in beta-blocker users. *Clin Pharmacol Ther*. 2009 Jan; 85 (1): 45-50.

Bouman HJ, van Werkum JW, Hackeng CM, Clappers N, Ten Berg JM. Cangrelor increases the magnitude of platelet inhibition and reduces interindividual variability in clopidogrel-pretreated subjects. *Neth Heart J*. 2009 May; 17 (5): 195-8.

Bunck MC, Giltay EJ, Diamant M, Gooren LJ, Teerlink T. Differential effects of cross-sex hormonal treatment on plasma asymmetric dimethylarginine (ADMA) in healthy male-to-female and female-to-male transsexuals. *Atherosclerosis*. 2009 Sep; 206 (1): 245-50.

de Graaf R, Kloppenburg G, Tintu A, Rouwet E, Kitslaar P, van Hooff J, Bruggeman C, Stassen F. The new immunosuppressive agent FK778 attenuates neointima formation in an experimental venous bypass graft model. *Vascul Pharmacol*. 2009 Mar-Apr; 50 (3-4): 83-8.

de Graaf R, Tintu A, Stassen F, Kloppenburg G, Bruggeman C, Rouwet E. N-acetylcysteine prevents neointima formation in experimental venous bypass grafts. *Br J Surg*. 2009 Aug; 96 (8): 941-50.

Dunkelgrun M, Hoeks SE, Schouten O, Feringa HH, Welten GM, Vidakovic R, van Gestel YR, van Domburg RT, Goei D, de Jonge R, Lindemans J, Poldermans D. Methionine loading does not enhance the predictive value of homocysteine serum testing for all-cause mortality or major adverse cardiac events. *Intern Med J*. 2009 Jan; 39 (1): 13-8.

Elsenberg EH, van Werkum JW, van de Wal RM, Zomer AC, Bouman HJ, Verheugt FW, Berg JM, Hackeng CM. The influence of clinical characteristics, laboratory and inflammatory markers on 'high on-treatment platelet reactivity' as measured with different platelet function tests. *Thromb Haemost*. 2009 Oct; 102 (4): 719-27.

Hellenthal FA, Buurman WA, Wodzig WK, Schurink GW. Biomarkers of AAA progression. Part 1: extracellular matrix degeneration. *Nat Rev Cardiol*. 2009 Jul; 6 (7): 464-74.

Hellenthal FA, Buurman WA, Wodzig WK, Schurink GW. Biomarkers of abdominal aortic aneurysm progression. Part 2: inflammation. *Nat Rev Cardiol*. 2009 Aug; 6 (8): 543-52.

Gerritsen KG, Meulenbelt J, Spiering W, Kema IP, Demir A, van Driel VJ. An unusual cause of ventricular fibrillation. *Lancet*. 2009 Mar 28; 373 (9669): 1144.

- Keuren JF, Jie KS, Leers MP. Increased expression of TF on monocytes, but decreased numbers of TF bearing microparticles in blood from patients with acute myocardial infarction. *Eur J Haematol*. 2009 Oct; 83 (4): 387-8.
- Kramer MC, Nieuwland R, Sturk A, de Winter RJ. Routine platelet aggregation inhibition not useful when using acetylsalicylic acid or clopidogrel. *Ned Tijdschr Geneesk*. 2009 Jan 31; 153 (5): 190-5.
- Kurz K, Teerlink T, Sarcletti M, Weiss G, Zangerle R, Fuchs D. Plasma concentrations of the cardiovascular risk factor asymmetric dimethylarginine (ADMA) are increased in patients with HIV-1 infection and correlate with immune activation markers. *Pharmacol Res*. 2009 Dec; 60 (6): 508-14.
- Lind L, Larsson A, Teerlink T. L-Arginine is related to endothelium-dependent vasodilation in resistance and conduit arteries in divergent ways-The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) study. *Atherosclerosis*. 2009 Apr; 203 (2): 544-9.
- Pelsters MA, Glatz JF. Fatty acid-binding proteins; Early biomarkers of tissue injury. Bookchapter in *Fatty Acid-Binding proteins 2009*: 55-68 ISBN: 978-7895-410-3.
- Mingels A, Jacobs L, Michielsen E, Swaanenburg J, Wodzig W, van Diejen-Visser M. Reference population and marathon runner sera assessed by highly sensitive cardiac troponin T and commercial cardiac troponin T and I assays. *Clin Chem*. 2009 Jan; 55 (1): 101-8.
- Nanayakkara PW, Kieft-de Jong JC, ter Wee PM, Stehouwer CD, van Ittersum FJ, Olthof MR, Teerlink T, Twisk JW, van Guldener C, Smulders YM. Randomized placebo-controlled trial assessing a treatment strategy consisting of pravastatin, vitamin E, and homocysteine lowering on plasma asymmetric dimethylarginine concentration in mild to moderate CKD. *Am J Kidney Dis*. 2009 Jan; 53 (1): 41-50.
- Palm F, Teerlink T, Hansell P. Nitric oxide and kidney oxygenation. *Curr Opin Nephrol Hypertens*. 2009 Jan; 18 (1): 68-73.
- Pittens CA, Bouman HJ, van Werkum JW, ten Berg JM, Hackeng CM. Comparison between hirudin and citrate in monitoring the inhibitory effects of P2Y12 receptor antagonists with different platelet function tests. *J Thromb Haemost*. 2009 Nov; 7 (11): 1929-32.
- Richir MC, Ellger B, Teerlink T, Siroen MP, Visser M, Spreuwenberg M, Girbes AR, van der Hoven B, van den Berghe G, Wilhelm AJ, de Vries TP, van Leeuwen PA. The effect of rosiglitazone on asymmetric dimethylarginine (ADMA) in critically ill patients. *Pharmacol Res*. 2009 Dec; 60 (6): 519-24.
- Richir MC, van Lambalgen AA, Teerlink T, Wisselink W, Bloemena E, Prins HA, de Vries TP, van Leeuwen PA. Low arginine/asymmetric dimethylarginine ratio deteriorates systemic hemodynamics and organ blood flow in a rat model. *Crit Care Med*. 2009 Jun; 37 (6): 2010-7.
- Robbers-Visser D, Kapusta L, van Osch-Gevers L, Strengers JL, Boersma E, de Rijke YB, Boomsma F, Bogers AJ, Helbing WA. Clinical outcome 5 to 18 years after the Fontan operation performed on children younger than 5 years. *J Thorac Cardiovasc Surg*. 2009 Jul; 138 (1): 89-95.
- Rudez G, Bouman HJ, van Werkum JW, Leebeek FW, Kruit A, Ruven HJ, ten Berg JM, de Maat MP, Hackeng CM. Common variation in the platelet receptor P2RY12 gene is associated with residual on-clopidogrel platelet reactivity in patients undergoing elective percutaneous coronary interventions. *Circulation Cardiovasc Genet*. 2009; 2: 507-14.
- Schindhelm RK. Serum alanine aminotransferase, metabolic syndrome, and cardiovascular disease in an Australian population. *Am J Gastroenterol*. 2009 Nov; 104 (11): 2857-8.
- Smit JJJ, van Oeveren W, Ottervanger JP, Slingerland RJ, Remijn JA, Zijlstra F, van 't Hof AWJ. Iron-induced platelet aggregation measurement: a novel method to measure platelet function in stenting for ST segment elevation myocardial infarction. *Eur J Clin Invest*. 2009; 39 (2): 103-9.
- Sniderman A, Williams K, Cobbaert C. ApoB versus non-HDL-C: what to do when they disagree. *Curr Atheroscler Rep*. 2009 Sep; 11 (5): 358-63.
- Strijbos MH, Landburg PP, Nur E, Teerlink T, Leebeek FW, Rijnveld AW, Biemond BJ, Sleijfer S, Gratama JW, Duits AJ, Schnog JJ; CURAMA study group. Circulating endothelial cells: a potential parameter of organ damage in sickle cell anemia? *Blood Cells Mol Dis*. 2009 Jul-Aug; 43 (1): 63-7.
- Teerlink T, Luo Z, Palm F, Wilcox CS. Cellular ADMA: Regulation and action. *Pharmacol Res*. 2009 Dec; 60 (6): 448-60.
- Timmers L, Henriques JP, de Kleijn DP, Devries JH, Kemperman H, Steendijk P, Verlaan CW, Kerver M, Piek JJ, Doevendans PA, Pasterkamp G, Hofer IE. Exenatide reduces infarct size and improves cardiac function in a porcine model of ischemia and reperfusion injury. *J Am Coll Cardiol*. 2009 Feb 10; 53 (6): 501-10.
- Tintu A, Rouwet E, Verlohren S, Brinkmann J, Ahmad S, Crispi F, van Bilsen M, Carmeliet P, Staff AC, Tjwa M, Cetin I, Gratacos E, Hernandez-Andrade E, Hofstra L, Jacobs M, Lamers WH, Morano I, Safak E, Ahmed A, le Noble F. Hypoxia induces dilated cardiomyopathy in the chick embryo: mechanism, intervention, and long-term consequences. *PLoS One*. 2009; 4 (4): e5155.
- Trappenburg MC, van Schilfgaarde M, Marchetti M, Spronk HM, ten Cate H, Leyte A, Terpstra WE, Falanga A. Elevated procoagulant microparticles expressing endothelial and platelet markers in essential thrombocythemia. *Haematologica*. 2009 Jul; 94 (7): 911-8.
- Ulu N, Schoemaker RG, Henning RH, Buikema H, Teerlink T, Zijlstra FJ, Bakker SJ, van Gilst WH, Navis G. Proteinuria-associated endothelial dysfunction is strain dependent. *Am J Nephrol*. 2009; 30 (3): 209-17.
- van den Berg J, Strengers JL, Wielopolski PA, Hop WC, Meijboom FJ, de Rijke YB, Boomsma F, Bogers AJ, Pattynama PM, Helbing WA. Assessment of biventricular functional reserve and NT-proBNP levels in patients with RV volume overload after repair of tetralogy of Fallot at young age. *Int J Cardiol*. 2009 Apr 17; 133 (3): 364-70.
- van der Burg-de Graauw N, Cobbaert CM, Middelhoff CJ, Bantje TA, van Guldener C. The additive value of N-terminal pro-B-type natriuretic peptide testing at the emergency department in patients with acute dyspnoea. *Eur J Intern Med*. 2009 May; 20 (3): 301-6.
- van der Zee PM, Verberne HJ, van Spijker RC, van Straalen JP, Fischer JC, Sturk A, van Eck-Smit BL, de Winter RJ. Relation of N-terminal pro B-type natriuretic peptide levels after symptom-limited exercise to baseline and ischemia levels. *Am J Cardiol*. 2009 Mar 1; 103 (5): 604-10.
- van Kimmenade RR, Januzzi JL Jr, Bakker JA, Houben AJ, Rennenberg R, Kroon AA, Crijns HJ, van Diejen-Visser MP, de Leeuw PW, Pinto YM. Renal clearance of B-type natriuretic peptide and amino terminal pro-B-type natriuretic peptide: a mechanistic study in hypertensive subjects. *J Am Coll Cardiol*. 2009 Mar 10; 53 (10): 884-90.

van Vliet M, von Rosenstiel IA, Schindhelm RK, Brandjes DP, Beijnen JH, Diamant M. Ethnic differences in cardiometabolic risk profile in an overweight/obese paediatric cohort in the Netherlands: a cross-sectional study. *Cardiovasc Diabetol*. 2009 Jan 19; 8 (1): 2

Verhoeven MO, van der Mooren MJ, Teerlink T, Verheijen RH, Scheffer PG, Kenemans P. The influence of physiological and surgical menopause on coronary heart disease risk markers. *Menopause*. 2009 Jan-Feb; 16 (1): 37-49.

Klinisch: Hematologie

de Vooght KM, van Solinge WW, van Wesel AC, Kersting S, van Wijk R. First mutation in the red blood cell-specific promoter of hexokinase combined with a novel missense mutation causes hexokinase deficiency and mild chronic hemolysis. *Haematologica*. 2009 Sep; 94 (9): 1203-10.

Demir AY, van Solinge WW, van Oirschot B, van Wesel A, Vergouwen P, Thimister E, Maase K, Rijksen G, Schutgens R, van Wijk R. Glucose 6-phosphate dehydrogenase deficiency in an elite long-distance runner. *Blood*. 2009 Feb 26; 113 (9): 2118-9.

Diepstraten J, van Kralingen S, Snijder RJ, Hackeng CM, van Ramshorst B, Knibbe CA. Treatment of pulmonary embolism in an extremely obese patient. *Obes Surg*. 2009 Aug; 19 (8): 1186-9.

Dullaart RP, de Vries R, Voorbij HA, Sluiter WJ, van Tol A. Serum paraoxonase-I activity is unaffected by short-term administration of simvastatin, bezafibrate, and their combination in type 2 diabetes mellitus. *Eur J Clin Invest*. 2009 Mar; 39 (3): 200-3.

Hoffmann JJ. Neutrophil CD64: a diagnostic marker for infection and sepsis. *Clin Chem Lab Med*. 2009; 47 (8): 903-16.

Hoogendoorn M, Joosten P, Storm H, Kibbelaar RE. HemoBase: een intelligent elektronisch patientendossier als coach voor de hematologisch-oncologische zorg. *Ned Tijdschr Hematol*. 2009; 6: 104-10.

Jones CI, Bray S, Garner SF, Stephens J, de Bono B, Angenent WG, Bentley D, Burns P, Coffey A, Deloukas P, Earthrowl M, Fardale RW, Hoylaerts MF, Koch K, Rankin A, Rice CM, Rogers J, Samani NJ, Steward M, Walker A, Watkins NA, Akkerman JW, Dudbridge F, Goodall AH, Ouwehand WH; Bloodomics Consortium. A functional genomics approach reveals novel quantitative trait loci associated with platelet signaling pathways. *Blood*. 2009 Aug 13; 114 (7): 1405-16.

Kwee TC, van Ufford HM, Beek FJ, Takahara T, Uiterwaal CS, Bierings MB, Ludwig I, Fijnheer R, Nivelstein RA. Whole-body MRI, including diffusion-weighted imaging, for the initial staging of malignant lymphoma: comparison to computed tomography. *Invest Radiol*. 2009 Oct; 44 (10): 683-90.

Vlasveld LT, Franck PH, Castel A. A patient with haemolytic anaemia diagnosed after thirty years. *Neth J Med*. 2009; 67 (9): 310-1.

Murphy PT, Mitra S, Gleeson M, Desmond R, Swinkels DW. Urinary hepcidin excretion in patients with low grade myelodysplastic syndrome. *Br J Haematol*. 2009 Feb; 144 (3): 451-2.

Muusze RG, Corbey AM, Ulenkate HJ. Protocol for transfusion-free major orthopaedic operations using ret-He. *Sysmex J Int*. 2009; 19 (1): 11-8.

Schindhelm RK, Jansen I, Beukhof JR, Coenen JL, Kuiper-Kramer PA. Therapeutische aferese: toepassing bij malaria en sikkelcelziekte. *Analyse*. 2009; 64 (1): 19-22.

Teichert M, Eijgelsheim M, Rivadeneira F, Uitterlinden AG, van Schaik RH, Hofman A, De Smet PA, van Gelder T, Visser LE, Stricker BH. A genome-wide association study of acenocoumarol maintenance dosage. *Hum Mol Genet*. 2009 Oct 1; 18 (19): 3758-68.

Teichert M, van Schaik RH, Hofman A, Uitterlinden AG, de Smet PA, Stricker BH, Visser LE. Genotypes associated with reduced activity of VKORC1 and CYP2C9 and their modification of acenocoumarol anticoagulation during the initial treatment period. *Clin Pharmacol Ther*. 2009 Apr; 85 (4): 379-86.

ten Berg MJ, van den Bemt PM, Huisman A, Schobben AF, Egberts TC, van Solinge WW. Compliance with platelet count monitoring recommendations and management of possible heparin-induced thrombocytopenia in hospitalized patients receiving low-molecular-weight heparin. *Ann Pharmacother*. 2009 Sep; 43 (9): 1405-12.

Ten Oever J, Kuijper PHM, Kuijpers AL, Dercksen MW, Vreugdenhil G. Complete remission of MDS RAEB following immunosuppressive treatment in a patient with Sweet's syndrome. *Neth J Med*. 2009 Sep; 67 (8): 347-50.

van Beers EJ, Schaap MC, Berckmans RJ, Nieuwland R, Sturk A, van Doormaal FF, Meijers JC, Biemond BJ; CURAMA study group. Circulating erythrocyte-derived microparticles are associated with coagulation activation in sickle cell disease. *Haematologica*. 2009 Nov; 94 (11): 1513-9.

van der Pas AJM, Leebeek FWG, Perry DJ, Castel A, van Esser JWJ. Een verlengde geactiveerde partiële tromboplastinetijd (APTT): niet altijd een verhoogde bloedingsneiging. *Ned Tijdschr Geneesk*. 2009; 153: B42.

Velthove KJ, Bracke M, Souverein PC, Schweizer RC, Ten Berg MJ, Leufkens HG, van Solinge WW. Identification of exacerbations in obstructive lung disease through biomarkers. *Biomarkers*. 2009 Nov; 14 (7): 523-8.

Viergever RF, Ten Berg MJ, van Solinge WW, Hoepelman AI, Gisolf EH. Changes in Hematological Parameters After Switching Treatment of HIV-Infected Patients from Zidovudine to Abacavir or Tenofovir DF. *HIV Clin Trials*. 2009 Mar-Apr; 10 (2): 125-8.

Klinisch: Interne geneeskunde

Becker ML, Visser LE, van Schaik RH, Hofman A, Uitterlinden AG, Stricker BH. Genetic variation in the multidrug and toxin extrusion 1 transporter protein influences the glucose-lowering effect of metformin in patients with diabetes: a preliminary study. *Diabetes*. 2009 Mar; 58 (3): 745-9.

Becker ML, Visser LE, van Schaik RH, Hofman A, Uitterlinden AG, Stricker BH. Common genetic variation in the ABCB1 gene is associated with the cholesterol-lowering effect of simvastatin in males. *Pharmacogenomics*. 2009 Nov; 10 (11): 1743-51.

Bodelier AGL, Masclee AAM, Bakker JA, Hameeteman WH, Pierkik MJ. Azathioprine induced pneumonitis in a patient with ulcerative colitis. *J Crohn's Colitis* 2009; 3 (4): 309-12.

Broeren MA, Geerdink EA, Vader HL, van den Wall Bake AW. Hypomagnesemia induced by several proton-pump inhibitors. *Ann Intern Med*. 2009 Nov 17; 151 (10): 755-6.

Costa E, Swinkels DW, Laarakkers CM, Rocha-Pereira P, Rocha S, Reis F, Teixeira F, Miranda V, do Sameiro Faria M, Loureiro A, Quintanilha A, Belo L, Santos-Silva A. Hepcidin

serum levels and resistance to recombinant human erythropoietin therapy in haemodialysis patients. *Acta Haematol.* 2009; 122 (4): 226-9.

de Vries DK, Lindeman JH, Tsikas D, de Heer E, Roos A, de Fijter JW, Baranski AG, van Pelt J, Schaapherder AF. Early renal ischemia-reperfusion injury in humans is dominated by IL-6 release from the allograft. *Am J Transplant.* 2009 Jul; 9 (7): 1574-84.

Endeman H, Cornips MC, Grutters JC, van den Bosch JM, Ruven HJ, van Velzen-Blad H, Rijkers GT, Biesma DH. The Fcγ receptor IIA-R/R131 genotype is associated with severe sepsis in community-acquired pneumonia. *Clin Vaccine Immunol.* 2009 Jul; 16 (7): 1087-90.

Garritsen R, Tintu A, Metselaar H, Kazemier G. Clinically relevant differences in the Model for End-Stage Liver Disease and Model for End-Stage Liver Disease-sodium scores. *Liver Transpl.* 2009 Dec; 15 (12): 1903; author reply 1904.

Heron M, Grutters JC, Van Moorsel CH, Ruven HJ, Kazemier KM, Claessen AM, van den Bosch JM. Effect of variation in ITGAE on risk of sarcoidosis, CD103 expression, and chest radiography. *Clin Immunol.* 2009 Oct; 133 (1): 117-25.

Holewijn S, den Heijer M, Swinkels DW, Stalenhoef AF, de Graaf J. Brachial artery diameter is related to cardiovascular risk factors and intima-media thickness. *Eur J Clin Invest.* 2009 Jul; 39 (7): 554-60.

Holewijn S, den Heijer M, Swinkels DW, Stalenhoef AF, de Graaf J. The metabolic syndrome and its traits as risk factors for subclinical atherosclerosis. *J Clin Endocrinol Metab.* 2009 Aug; 94 (8): 2893-9.

Keijsers RG, Verzijlbergen FJ, Oyen WJ, van den Bosch JM, Ruven HJ, van Velzen-Blad H, Grutters JC. 18F-FDG PET, genotype-corrected ACE and sIL-2R in newly diagnosed sarcoidosis. *Eur J Nucl Med Mol Imaging.* 2009 Jul; 36 (7): 1131-7.

Laarakkers CM, Wetzels JF, Swinkels DW. Hepsidin levels in acute kidney injury following cardiopulmonary bypass grafting. *Am J Kidney Dis.* 2009 Nov; 54 (5): 979; author reply 980.

Levitus M, Pelliccia A, van de Stadt RJ, Voskuyl AE, Bouman AA. Is the Alifax Test-1TH useful to determine the Disease Activity Score (DAS28) in rheumatoid arthritis patients? *Clin Rheumatol.* 2009 Apr; 28 (4): 469-74.

Martens HA, Stoof SP, Muller Kobold AC, Haagsma EB, Stegeman CA, Brouwer E. Serious sequelae of hypothermia in cryoglobulinaemia. *Ned Tijdschr Geneesk.* 2009; 153: B432.

Mensink PB, Hol L, Borghuis-Koertshuis N, Geelkerken RH, Huisman AB, Doelman CJ, van Vuuren AJ, Kuipers EJ, Kolkman JJ. Transient postprandial ischemia is associated with increased intestinal fatty acid binding protein in patients with chronic gastrointestinal ischemia. *Eur J Gastroenterol Hepatol.* 2009 Mar; 21 (3): 278-82.

Peeling P, Dawson B, Goodman C, Landers G, Wiegerinck ET, Swinkels DW, Trinder D. Cumulative effects of consecutive running sessions on hemolysis, inflammation and hepsidin activity. *Eur J Appl Physiol.* 2009 May; 106 (1): 51-9.

Peeling P, Dawson B, Goodman C, Landers G, Wiegerinck ET, Swinkels DW, Trinder D. Training surface and intensity: inflammation, hemolysis, and hepsidin expression. *Med Sci Sports Exerc.* 2009 May; 41 (5): 1138-45.

Peters HP, Laarakkers CM, Wetzels JF, Swinkels DW. Hepsidin levels in patients with renal disease. *Kidney Int.* 2009 Sep; 76 (6): 680; author reply 680-1.

Press RR, Ploeger BA, den Hartigh J, van der Straaten T, van Pelt J, Danhof M, de Fijter JW, Guchelaar HJ. Explaining variability in tacrolimus pharmacokinetics to optimize early exposure in adult kidney transplant recipients. *Ther Drug Monit.* 2009 Apr; 31 (2): 187-97.

Roe MA, Collings R, Dainty JR, Swinkels DW, Fairweather-Tait SJ. Plasma hepsidin concentrations significantly predict interindividual variation in iron absorption in healthy men. *Am J Clin Nutr.* 2009 Apr; 89 (4): 1088-91.

Schreuder MF, Swinkels DW, Kortmann BB, Cornelissen EA, Bokenkamp A. Discrepant results of serum creatinine and cystatin C as a clue to urine leakage after renal transplantation. *Transplantation.* 2009 Aug 27; 88 (4): 596-7.

Sombogaard F, van Schaik RH, Mathot RA, Budde K, van der Werf M, Vulto AG, Weimar W, Glander P, Essioux L, van Gelder T. Interpatient variability in IMPDH activity in MMF-treated renal transplant patients is correlated with IMPDH type II 3757T > C polymorphism. *Pharmacogenet Genomics.* 2009 Aug; 19 (8): 626-34.

van Deuren M, Kroot JJ, Swinkels DW. Time-course analysis of serum hepsidin, iron and cytokines in a C282Y homozygous patient with Schnitzler's syndrome treated with IL-1 receptor antagonist. *Haematologica.* 2009 Sep; 94 (9): 1297-300.

van Schaik RH, van Agteren M, de Fijter JW, Hartmann A, Schmidt J, Budde K, Kuypers D, Le Meur Y, van der Werf M, Mamelok R, van Gelder T. UGT1A9 -275T>A/-2152C>T polymorphisms correlate with low MPA exposure and acute rejection in MMF/tacrolimus-treated kidney transplant patients. *Clin Pharmacol Ther.* 2009 Sep; 86 (3): 319-27.

Vedder AC, Biro E, Aerts JM, Nieuwland R, Sturk G, Hollak CE. Plasma markers of coagulation and endothelial activation in Fabry disease: impact of renal impairment. *Nephrol Dial Transplant.* 2009 Oct; 24 (10): 3074-81.

Klinisch: Neurologie / psychiatrie

Abdo WF, van Mierlo T, Hengstman GJ, Schelhaas HJ, van Engelen BG, Verbeek MM. Increased plasma amyloid-beta42 protein in sporadic inclusion body myositis. *Acta Neuropathol.* 2009 Sep; 118 (3): 429-31.

Althaus M, Groen Y, Wijers AA, Mulder LJ, Minderaa RB, Kema IP, Dijkstra JD, Hartman CA, Hoekstra PJ. Differential effects of 5-HTTLPR and DRD2/ANKK1 polymorphisms on electrocortical measures of error and feedback processing in children. *Clin Neurophysiol.* 2009 Jan; 120 (1): 93-107.

Bijl MJ, Luijendijk HJ, van den Berg JF, Visser LE, van Schaik RH, Hofman A, Vulto AG, van Gelder T, Tiemeier H, Stricker BH. Association between the CYP2D6*4 polymorphism and depression or anxiety in the elderly. *Pharmacogenomics.* 2009 Apr; 10 (4): 541-7.

Bouwman FH, Schoonenboom NS, Verwey NA, van Elk EJ, Kok A, Blankenstein MA, Scheltens P, van der Flier WM. CSF biomarker levels in early and late onset Alzheimer's disease. *Neurobiol Aging.* 2009 Dec; 30 (12): 1895-901.

de Bot ST, Kremer HP, Dooijes D, Verbeek MM. CSF studies facilitate DNA diagnosis in familial Alzheimer's disease due to a presenilin-1 mutation. *J Alzheimers Dis.* 2009 May; 17 (1): 53-7.

- Gregoor JG, van der Weide J, Mulder H, Cohen D, van Megen HJ, Egberts AC, Heerdink ER. Polymorphisms of the LEP- and LEPR gene and obesity in patients using antipsychotic medication. *J Clin Psychopharmacol*. 2009 Feb; 29 (1): 21-5.
- Kay GW, Verbeek MM, Furlong JM, Willemsen MA, Palmer DN. Neuropeptide changes and neuroactive amino acids in CSF from humans and sheep with neuronal ceroid lipofuscinoses (NCLs, Batten disease). *Neurochem Int*. 2009 Dec; 55 (8): 783-8.
- Kester MI, Blankenstein MA, Bouwman FH, van Elk EJ, Scheltens P, van der Flier WM. CSF biomarkers in Alzheimer's disease and controls: associations with APOE genotype are modified by age. *J Alzheimers Dis*. 2009 Mar; 16 (3): 601-7.
- Klaassens ER, van Noorden MS, Giltay EJ, van Pelt J, van Veen T, Zitman FG. Effects of childhood trauma on HPA-axis reactivity in women free of lifetime psychopathology. *Prog Neuropsychopharmacol Biol Psychiatry*. 2009 Aug 1; 33 (5): 889-94.
- Kuitwaard K, de Gelder J, Tio-Gillen AP, Hop WC, van Gelder T, van Toorenenbergen AW, van Doorn PA, Jacobs BC. Pharmacokinetics of intravenous immunoglobulin and outcome in Guillain-Barre syndrome. *Ann Neurol*. 2009 Nov; 66 (5): 597-603.
- Kwadijk-de Gijsel S, Bijl MJ, Visser LE, van Schaik RH, Hofman A, Vulto AG, van Gelder T, Stricker BH. Variation in the CYP2D6 gene is associated with a lower serum sodium concentration in patients on antidepressants. *Br J Clin Pharmacol*. 2009 Aug; 68 (2): 221-5.
- Liu Q, Zhang J, Tran H, Verbeek MM, Reiss K, Estus S, Bu G. LRP1 shedding in human brain: roles of ADAM10 and ADAM17. *Mol Neurodegener*. 2009 Apr 16; 4: 17.
- Loovers HM, van der Weide J. Implementation of CYP2D6 genotyping in psychiatry. *Expert Opin Drug Metab Toxicol*. 2009; 5 (9): 1065-77.
- Mattsson N, Zetterberg H, Hansson O, Andreasen N, Parnetti L, Jonsson M, Herukka SK, van der Flier WM, Blankenstein MA, Ewers M, Rich K, Kaiser E, Verbeek M, Tsolaki M, Mulugeta E, Rosen E, Aarsland D, Visser PJ, Schroder J, Marcusson J, de Leon M, Hampel H, Scheltens P, Pirrttila T, Wallin A, Jonhagen ME, Minthon L, Winblad B, Blennow K. CSF biomarkers and incipient Alzheimer disease in patients with mild cognitive impairment. *JAMA*. 2009 Jul 22; 302 (4): 385-93.
- Petzold A, Rosengren L, Verbeek MM, Notturmo F, Caporale CM, Delauretis A, Uncini A. Glial fibrillary acidic protein in Guillain-Barre syndrome: Methodological issues. *Muscle Nerve*. 2009 May; 39 (5): 711-2; author reply 712.
- Pouw MH, Hosman AJ, van Middendorp JJ, Verbeek MM, Vos PE, van de Meent H. Biomarkers in spinal cord injury. *Spinal Cord*. 2009 Jul; 47 (7): 519-25.
- Reijn TS, Abdo WF, Schelhaas HJ, Verbeek MM. CSF neurofilament protein analysis in the differential diagnosis of ALS. *J Neurol*. 2009 Apr; 256 (4): 615-9.
- Schuitmaker A, Dik MG, Veerhuis R, Scheltens P, Schoonenboom NS, Hack CE, Blankenstein MA, Jonker C. Inflammatory markers in AD and MCI patients with different biomarker profiles. *Neurobiol Aging*. 2009 Nov; 30 (11): 1885-9.
- Spies PE, Melis RJ, Sjogren MJ, Rikkert MG, Verbeek MM. Cerebrospinal fluid alpha-synuclein does not discriminate between dementia disorders. *J Alzheimers Dis*. 2009 Feb; 16 (2): 363-9.
- Timmer NM, van Horssen J, Otte-Holler I, Wilhelmus MM, David G, van Beers J, de Waal RM, Verbeek MM. Amyloid beta induces cellular relocalization and production of agrin and glypican-1. *Brain Res*. 2009 Mar 13; 1260: 38-46.
- Tulner DM, Smith OR, de Jonge P, van Melle JP, Slomp J, Storm H, Quere M, den Boer JA, Honig A, Korf J. Circulating cerebral S100B protein is associated with depressive symptoms following myocardial infarction. *Neuropsychobiology*. 2009; 59 (2): 87-95.
- van der Vlies AE, Verwey NA, Bouwman FH, Blankenstein MA, Klein M, Scheltens P, van der Flier WM. CSF biomarkers in relationship to cognitive profiles in Alzheimer disease. *Neurology*. 2009 Mar 24; 72 (12): 1056-61.
- van Munster BC, Korse CM, de Rooij SE, Bonfrer JM, Zwinderman AH, Korevaar JC. Markers of cerebral damage during delirium in elderly patients with hip fracture. *BMC Neurol*. 2009 May 27; 9: 21.
- van Rooij FG, Schelhaas HJ, Lammers GJ, Verbeek MM, Overeem S. CSF hypocretin-1 levels are normal in patients with amyotrophic lateral sclerosis. *Amyotroph Lateral Scler*. 2009 Oct-Dec; 10 (5-6): 487-9.
- van Veen JF, van Vliet IM, de Rijk RH, van Pelt J, Mertens B, Fekkes D, Zitman FG. Tryptophan depletion affects the autonomic stress response in generalized social anxiety disorder. *Psychoneuroendocrinology*. 2009 Nov; 34 (10): 1590-4.
- Veen G, Giltay EJ, DeRijk RH, van Vliet IM, van Pelt J, Zitman FG. Salivary cortisol, serum lipids, and adiposity in patients with depressive and anxiety disorders. *Metabolism*. 2009 Jun; 58 (6): 821-7.
- Verbeek MM, Kremer BP, Rikkert MO, Van Domburg PH, Skehan ME, Greenberg SM. Cerebrospinal fluid amyloid beta (40) is decreased in cerebral amyloid angiopathy. *Ann Neurol*. 2009 Aug; 66 (2): 245-9.
- Verwey NA, van der Flier WM, Blennow K, Clark C, Sokolow S, De Deyn PP, Galasko D, Hampel H, Hartmann T, Kapaki E, Lannfelt L, Mehta PD, Parnetti L, Petzold A, Pirrttila T, Saleh L, Skinningsrud A, Swieten JC, Verbeek MM, Wiltfang J, Younkun S, Scheltens P, Blankenstein MA. A worldwide multi-centre comparison of assays for cerebrospinal fluid biomarkers in Alzheimer's disease. *Ann Clin Biochem*. 2009 May; 46 (Pt 3): 235-40.
- Visser PJ, Verhey F, Knol DL, Scheltens P, Wahlund LO, Freund-Levi Y, Tsolaki M, Minthon L, Wallin AK, Hampel H, Burger K, Pirrttila T, Soinen H, Rikkert MO, Verbeek MM, Spuru L, Blennow K. Prevalence and prognostic value of CSF markers of Alzheimer's disease pathology in patients with subjective cognitive impairment or mild cognitive impairment in the DESCRIPA study: a prospective cohort study. *Lancet Neurol*. 2009 Jul; 8 (7): 619-27.
- Vreeburg SA, Hoogendijk WJ, van Pelt J, Derijk RH, Verhagen JC, van Dyck R, Smit JH, Zitman FG, Penninx BW. Major depressive disorder and hypothalamic-pituitary-adrenal axis activity: results from a large cohort study. *Arch Gen Psychiatry*. 2009 Jun; 66 (6): 617-26.
- Vreeburg SA, Kruijtzter BP, van Pelt J, van Dyck R, DeRijk RH, Hoogendijk WJ, Smit JH, Zitman FG, Penninx BW. Associations between sociodemographic, sampling and health factors and various salivary cortisol indicators in a large sample without psychopathology. *Psychoneuroendocrinology*. 2009 Sep; 34 (8): 1109-20.

Westenberg PM, Bokhorst CL, Miers AC, Sumter SR, Kallen VL, van Pelt J, Blote AW. A prepared speech in front of a pre-recorded audience: subjective, physiological, and neuroendocrine responses to the Leiden Public Speaking Task. *Biol Psychol.* 2009 Oct; 82 (2): 116-24.

Wilhelmus MM, Boelens WC, Kox M, Maat-Schieman ML, Veerhuis R, de Waal RM, Verbeek MM. Small heat shock proteins associated with cerebral amyloid angiopathy of hereditary cerebral hemorrhage with amyloidosis (Dutch type) induce interleukin-6 secretion. *Neurobiol Aging.* 2009 Feb; 30 (2): 229-40.

Zafeiriou DI, Willemsen MA, Verbeek MM, Vargiami E, Ververi A, Wevers R. Tyrosine hydroxylase deficiency with severe clinical course. *Mol Genet Metab.* 2009; 97 (1): 18-20.

Klinisch: Oncologie

Baker SD, Verweij J, Cusatis GA, van Schaik RH, Marsh S, Orwick SJ, Franke RM, Hu S, Schuetz EG, Lamba V, Messersmith WA, Wolff AC, Carducci MA, Sparreboom A. Pharmacogenetic pathway analysis of docetaxel elimination. *Clin Pharmacol Ther.* 2009 Feb; 85 (2): 155-63.

Bijl MJ, van Schaik RH, Lammers LA, Hofman A, Vulto AG, van Gelder T, Stricker BH, Visser LE. The CYP2D6*4 polymorphism affects breast cancer survival in tamoxifen users. *Breast Cancer Res Treat.* 2009 Nov; 118 (1): 125-30.

Boleij A, Schaeps RM, de Kleijn S, Hermans PW, Glaser P, Pancholi V, Swinkels DW, Tjalsma H. Surface-exposed histone-like protein a modulates adherence of *Streptococcus gallolyticus* to colon adenocarcinoma cells. *Infect Immun.* 2009 Dec; 77 (12): 5519-27.

de Jonge R, Tissing WJ, Hooijberg JH, Jansen G, Kaspers GJ, Lindemans J, Peters GJ, Pieters R. Polymorphisms in folate-related genes and risk of pediatric acute lymphoblastic leukemia. *Blood.* 2009; 113: 2284-2289.

Japink D, Leers MP, Sosef MN, Nap M. CEA in activated macrophages. New diagnostic possibilities for tumor markers in early colorectal cancer. *Anticancer Res.* 2009 Aug; 29 (8): 3245-51.

Keuren JF, Chris M.G. Thomas CM, Bonfrère JM, Sweep GC, Boonstra JG. Toepassing van tumormarkers in de klinische praktijk *Ned Tijdschr Geneesk.* 2009; 153: A617.

Kerkmeijer LG, Massuger LF, Ten Kate-Booij MJ, Sweep FC, Thomas CM. Earlier diagnosis and serum human chorionic gonadotropin regression in complete hydatidiform moles. *Obstet Gynecol.* 2009 Feb; 113 (2, Part 1): 326-331.

Korse CM, Bonfrère JM, Aaronson NK, Hart AA, Taal BG. Chromogranin A as an alternative to 5-hydroxyindoleacetic acid in the evaluation of symptoms during treatment of patients with neuroendocrine Tumors. *Neuroendocrinology.* 2009; 89 (3): 296-301.

Korse CM, Taal BG, de Groot CA, Bakker RH, Bonfrère JM. Chromogranin-A and N-terminal pro-brain natriuretic peptide: an excellent pair of biomarkers for diagnostics in patients with neuroendocrine tumor. *J Clin Oncol.* 2009 Sep 10; 27 (26): 4293-9.

Kruijff S, Bastiaannet E, Kobold AC, van Ginkel RJ, Suurmeijer AJ, Hoekstra HJ. S-100B concentrations predict disease-free survival in stage III melanoma patients. *Ann Surg Oncol.* 2009 Dec; 16 (12): 3455-62.

Lind JS, Postmus PE, Heideman DA, Thunnissen EB, Bekers O, Smit EF. Dramatic response to low-dose erlotinib of epidermal growth factor receptor mutation-positive recurrent non-small cell lung cancer after severe cutaneous toxicity. *J Thorac Oncol.* 2009 Dec; 4 (12): 1585-6.

Meijer RP, Gemen EF, van Onna IE, van der Linden JC, Beerlage HP, Kusters GC. The value of an artificial neural network in the decision-making for prostate biopsies. *World J Urol.* 2009 Oct; 27 (5): 593-8.

Schroder FH, Hugosson J, Roobol MJ, Tammela TL, Ciatto S, Nelen V, Kwiatkowski M, Lujan M, Lilja H, Zappa M, Denis LJ, Recker F, Berenguer A, Maattanen L, Bangma CH, Aus G, Villers A, Rebillard X, van der Kwast T, Blijenberg BG, Moss SM, de Koning HJ, Auvinen A; the ERSPC Investigators. Screening and prostate-cancer mortality in a randomized European study. *N Engl J Med.* 2009 Mar 26; 360 (13): 1320-8.

Siemes C, Eijgelsheim M, Dieleman JP, van Schaik RH, Uitterlinden AG, van Duijn CM, Hofman A, Coebergh JW, Stricker BH, Visser LE. No modification of the beneficial effect of NSAIDs on colorectal cancer by CYP2C9 genotype. *Neth J Med.* 2009 Apr; 67 (4): 134-41.

Smit N, Musson R, Romijn F, van Rossum H, van Pelt J. Effects of Ultraviolet A-I radiation on calcineurin activity and cytokine production in (skin) cell cultures. *Photochem Photobiol.* 2009; 86, 360-6.

Span PN, Sieuwerts AM, Heuvel JJ, Spyrtatos F, Duffy MJ, Eppenberger-Castori S, Vacher S, O'Brien K, McKiernan E, Pierce A, Vuaroqueaux V, Foekens JA, Sweep FC, Martens JW. Harmonisation of multi-centre real-time reverse-transcribed PCR results of a candidate prognostic marker in breast cancer: an EU-FP6 supported study of members of the EORTC - Pathology Biology Group. *Eur J Cancer.* 2009 Jan; 45 (1): 74-81.

Zusterzeel PL, Span PN, Dijksterhuis MG, Thomas CM, Sweep FC, Massuger LF. Serum vascular endothelial growth factor: a prognostic factor in cervical cancer. *J Cancer Res Clin Oncol.* 2009 Feb; 135 (2): 283-90.

Klinisch: Toxicologie

van Helden YG, Keijer J, Heil SG, Pico C, Palou A, Oliver P, Munnia A, Briede JJ, Peluso M, Franssen-van Hal NL, van Schooten FJ, Godschalk RW. Beta-carotene affects oxidative stress-related DNA damage in lung epithelial cells and in ferret lung. *Carcinogenesis.* 2009 Dec; 30 (12): 2070-6.

van Helden YG, Keijer J, Knaapen AM, Heil SG, Briede JJ, van Schooten FJ, Godschalk RW. Beta-carotene metabolites enhance inflammation-induced oxidative DNA damage in lung epithelial cells. *Free Radic Biol Med.* 2009 Jan 15; 46 (2): 299-304.

van Ommen B, Keijer J, Heil SG, Kaput J. Challenging homeostasis to define biomarkers for nutrition related health. *Mol Nutr Food Res.* 2009 Jul; 53 (7): 795-804.

Zoethout RW, Schoemaker RC, Zuurman L, van Pelt H, Dahan A, Cohen AF, van Gerven JM. Central nervous system effects of alcohol at a pseudo-steady-state concentration using alcohol clamping in healthy volunteers. *Br J Clin Pharmacol.* 2009 Oct; 68 (4): 524-34.