



## Publication Report 2011

1. Adlbrecht C, Distelmaier K, Gunduz D, Redwan B, Plass C, Bonderman D, Kaider A, Christ G, Lang IM: Target vessel reopening by guidewire insertion in ST-elevation myocardial infarction is a predictor of final TIMI flow and survival. *Thromb Haemost* (2011) 105(1): 52-58; <https://doi.org/10.1160/TH10-04-0246>
2. Anees M, Horak P, El-Gazzar A, Susani M, Heinze G, Perco P, Loda M, Lis R, Krainer M, Oh WK: Recurrence-free survival in prostate cancer is related to increased stromal TRAIL expression. *Cancer* (2011) 117(6): 1172-1182; <https://doi.org/10.1002/cncr.25504>
3. Ay C, Dunkler D, Simanek R, Thaler J, Koder S, Marosi C, Zielinski C, Pabinger I: Prediction of venous thromboembolism in patients with cancer by measuring thrombin generation: results from the Vienna Cancer and Thrombosis Study. *J Clin Oncol* (2011) 29(15): 2099-2103; <https://doi.org/10.1200/JCO.2010.32.8294>
4. Bachleitner-Hofmann T, Sun MY, Chen CT, Liska D, Zeng Z, Viale A, Olshen AB, Mittlboeck M, Christensen JG, Rosen N, Solit DB, Weiser MR: Antitumor activity of SNX-2112, a synthetic heat shock protein-90 inhibitor, in MET-amplified tumor cells with or without resistance to selective MET inhibition. *Clin Cancer Res* (2011) 17(1): 122-133; <https://doi.org/10.1158/1078-0432.CCR-10-0253>
5. Bonderman D, Wexberg P, Martischinig AM, Heinzl H, Lang MB, Sadushi R, Skoro-Sajer N, Lang IM: A noninvasive algorithm to exclude pre-capillary pulmonary hypertension. *Eur Respir J* (2011) 37(5): 1096-1103; <https://doi.org/10.1183/09031936.00089610>
6. Brunner AH, Grimm C, Polterauer S, Hefler L, Stani J, Heinze G, Horvat R: The prognostic role of human papillomavirus in patients with vaginal cancer. *Int J Gynecol Cancer* (2011) 21(5): 923-929; <https://doi.org/10.1097/IGC.0b013e31821bc615>
7. Brunner AH, Hinterholzer S, Riss P, Heinze G, Weiss K, Brustmann H: Expression of gamma-H2AX in endometrial carcinomas: an immunohistochemical study with p53. *Gynecol Oncol* (2011) 121(1): 206-211; <https://doi.org/10.1016/j.ygyno.2010.11.037>
8. Brunner AH, Riss P, Heinze G, Meltzow E, Brustmann H: Immunoexpression of PAX 8 in endometrial cancer: relation to high-grade carcinoma and p53. *Int J Gynecol Pathol* (2011) 30(6): 569-575; <https://doi.org/10.1097/PGP.0b013e31821ac6c3>
9. Dunavoelgyi R, Dieckmann K, Gleiss A, Sacu S, Kircher K, Georgopoulos M, Georg D, Zehetmayer M, Poetter R: Local tumor control, visual acuity, and survival after hypofractionated stereotactic photon radiotherapy of choroidal melanoma in 212 patients treated between 1997 and 2007. *Int J Radiat Oncol Biol Phys* (2011) 81(1): 199-205; <https://doi.org/10.1016/j.ijrobp.2010.04.035>
10. Dunkler D, Sanchez-Cabo F, Heinze G: Statistical Analysis Principles for Omics Data. In: *Methods in Molecular Biology (MIMB)* 719. 719. Mayer B (Ed) Humana Press, New York (2011):113-131; [https://doi.org/10.1007/978-1-61779-027-0\\_5](https://doi.org/10.1007/978-1-61779-027-0_5)
11. Eslam RB, Reiter N, Kaider A, Lang IM, Panzer S: High-shear- and-thrombin-inducible platelet adhesion and aggregation in patients undergoing percutaneous coronary intervention. Effects of unfractionated heparin versus bivalirudin. *Thromb Haemost* (2011) 105(3): 496-500; <https://doi.org/10.1160/TH10-06-0384>
12. Ferlitsch M, Reinhart K, Pramhas S, Wiener C, Gal O, Bannert C, Hassler M, Kozbial K, Dunkler D, Trauner M, Weiss W: Sex-specific prevalence of adenomas, advanced adenomas, and colorectal cancer in individuals undergoing screening colonoscopy. *JAMA* (2011) 306(12): 1352-1358; <https://doi.org/10.1001/jama.2011.1362>



13. Fitzal F, Riedl O, Mittlbock M, Dubsy P, Bartsch R, Steger G, Jakesz R, Gnant M: Oncologic safety of breast conserving surgery after tumour downsizing by neoadjuvant therapy: a retrospective single centre cohort study. *Breast Cancer Res Treat* (2011) 127(1): 121-128; <https://doi.org/10.1007/s10549-010-1164-9>
14. Freilinger M, Dunkler D, Lanator I, Item CB, Muhl A, Fowler B, Bodamer OA: Effects of creatine supplementation in Rett syndrome: a randomized, placebo-controlled trial. *J Dev Behav Pediatr* (2011) 32(6): 454-460; <https://doi.org/10.1097/DBP.0b013e31822177a8>
15. Gleiss A, Sanchez-Cabo F, Perco P, Tong D, Heinze G: Adaptive trimmed t-statistics for identifying predominantly high expression in a microarray experiment. *Stat Med* (2011) 30(1): 52-61; <https://doi.org/10.1002/sim.4093>
16. Gollasch G, Blessberger H, Azar D, Heinze G, Wojta J, Bieglmayer C, Wagner O, Schillinger M, Huber K, Maurer G, Haas M, Wiesbauer F: Markers of bone metabolism in premature myocardial infarction ( $\leq$  40 years of age). *Bone* (2011) 48(3): 622-626; <https://doi.org/10.1016/j.bone.2010.11.005>
17. Grimm C, Watrowski R, Polterauer S, Baumuhner K, Natter C, Rahhal J, Heinze G, Schuster E, Hefler L, Reinthaller A: Vascular endothelial growth factor gene polymorphisms and risk of cervical intraepithelial neoplasia. *Int J Gynecol Cancer* (2011) 21(4): 597-601; <https://doi.org/10.1097/IGC.0b013e318214557c>
18. Heiduschka G, Erovic BM, Pammer J, Kotowski U, Kaider A, Ch Grasl M, Thurnher D: Mcl-1 expression is up-regulated in malignancies of the parotid gland. *Dis Markers* (2011) 30(5): 229-233; <https://doi.org/10.3233/DMA-2011-0779>
19. Heinze G: Comment on 'Bias reduction in conditional logistic regression' by J. X. Sun, S. Sinha, S. Wang and T. Maiti, *Statistics in Medicine* 2010; DOI: 10.1002/sim.4105. *Stat Med* (2011) 30(12): 1466-1467; <https://doi.org/10.1002/sim.4173>
20. Heinze G, Juni P: An overview of the objectives of and the approaches to propensity score analyses. *Eur Heart J* (2011) 32(14): 1704-1708; <https://doi.org/10.1093/eurheartj/ehr031>
21. Hoffmann MH, Skriner K, Herman S, Baumann C, Steiner CW, Ospelt C, Meyer B, Gleiss A, Pfatschbacher J, Niederreiter B, Tuncel J, Zanoni G, Steiner G: Nucleic acid-stimulated antigen-presenting cells trigger T cells to induce disease in a rat transfer model of inflammatory arthritis. *J Autoimmun* (2011) 36(3-4): 288-300; <https://doi.org/10.1016/j.jaut.2011.02.007>
22. Humenberger M, Rosenhek R, Gabriel H, Rader F, Heger M, Klaar U, Binder T, Probst P, Heinze G, Maurer G, Baumgartner H: Benefit of atrial septal defect closure in adults: impact of age. *Eur Heart J* (2011) 32(5): 553-560; <https://doi.org/10.1093/eurheartj/ehq352>
23. Kanz R, Vukovich T, Vormittag R, Dunkler D, Ay C, Thaler J, Haselbock J, Scheithauer W, Zielinski C, Pabinger I: Thrombosis risk and survival in cancer patients with elevated C-reactive protein. *J Thromb Haemost* (2011) 9(1): 57-63; <https://doi.org/10.1111/j.1538-7836.2010.04069.x>
24. Kasper DC, Mechtler TP, Bohm J, Petricevic L, Gleiss A, Spargser J, Witt A, Herkner KR, Berger A: In utero exposure to *Ureaplasma* spp. is associated with increased rate of bronchopulmonary dysplasia and intraventricular hemorrhage in preterm infants. *J Perinat Med* (2011) 39(3): 331-336; <https://doi.org/10.1515/jpm.2011.022>
25. Kluger R, Bock P, Mittlbock M, Krampla W, Engel A: Long-term survivorship of rotator cuff repairs using ultrasound and magnetic resonance imaging analysis. *Am J Sports Med* (2011) 39(10): 2071-2081; <https://doi.org/10.1177/0363546511406395>



26. Kou J, Kovacs GG, Hoftberger R, Kulik W, Brodde A, Forss-Petter S, Honigschnabl S, Gleiss A, Brugger B, Wanders R, Just W, Budka H, Jungwirth S, Fischer P, Berger J: Peroxisomal alterations in Alzheimer's disease. *Acta Neuropathol* (2011) 122(3): 271-283; <https://doi.org/10.1007/s00401-011-0836-9>
27. Kovarik JJ, Tillinger W, Hofer J, Holz MA, Heinzl H, Saemann MD, Zlabinger GJ: Impaired anti-inflammatory efficacy of n-butyrate in patients with IBD. *Eur J Clin Invest* (2011) 41(3): 291-298; <https://doi.org/10.1111/j.1365-2362.2010.02407.x>
28. Lill C, Kornek G, Bachtiry B, Selzer E, Schopper C, Mittlboeck M, Burian M, Wrba F, Thurnher D: Survival of patients with HPV-positive oropharyngeal cancer after radiochemotherapy is significantly enhanced. *Wien Klin Wochenschr* (2011) 123(7-8): 215-221; <https://doi.org/10.1007/s00508-011-1553-z>
29. Mayer G, Heinze G, Mischak H, Hellemons ME, Lambers Heerspink HJ, Bakker SJL, de Zeeuw D, Haiduk M, Rossing P, Oberbauer R: Omics-Bioinformatics in the Context of Clinical Data. In: *Bioinformatics for Omics Data: Methods and Protocols*. Mayer B (Ed) Humana Press, New York (2011):479-497.
30. Michaelidou M, Herceg M, Schuhfried O, Tzou CH, Pona I, Hold A, Mittlboeck M, Paternostro-Sluga T, Frey M: Correlation of functional recovery with the course of electrophysiological parameters after free muscle transfer for reconstruction of the smile in irreversible facial palsy. *Muscle Nerve* (2011) 44(5): 741-748; <https://doi.org/10.1002/mus.22151>
31. Mundigler G, Gaggl M, Heinze G, Graf S, Zehetgruber M, Lajic N, Voigtlander T, Mannhalter C, Sunder-Plassmann R, Paschke E, Fauler G, Sunder-Plassmann G: The endocardial binary appearance ('binary sign') is an unreliable marker for echocardiographic detection of Fabry disease in patients with left ventricular hypertrophy. *Eur J Echocardiogr* (2011) 12(10): 744-749; <https://doi.org/10.1093/ejehocard/jer112>
32. Peneder TM, Scholze P, Berger ML, Reither H, Heinze G, Bertl J, Bauer J, Richfield EK, Hornykiewicz O, Pifl C: Chronic exposure to manganese decreases striatal dopamine turnover in human alpha-synuclein transgenic mice. *Neuroscience* (2011) 180(280-292); <https://doi.org/10.1016/j.neuroscience.2011.02.017>
33. Poglitsch M, Kefurt R, Mittlboeck M, Bohdjalian A, Langer FX, Ludvik B, Prager G: Prevalence of obesity and overweight in male 18-year-olds in Austria from 2006 to 2010: an update. *European Surgery-Acta Chirurgica Austriaca* (2011) 43(3): 181-186; <https://doi.org/10.1007/s10353-011-0009-z>
34. Polterauer S, Grimm C, Zeillinger R, Heinze G, Tempfer C, Reinthaller A, Hefler L: Association of C-reactive protein (CRP) gene polymorphisms, serum CRP levels and cervical cancer prognosis. *Anticancer Res* (2011) 31(6): 2259-2264;
35. Polterauer S, Hofstetter G, Grimm C, Rahhal J, Mailath-Pokorny M, Kohl M, Concin N, Tempfer C, Marth C, Reinthaller A: Relevance of gamma-glutamyltransferase--a marker for apoptotic balance--in predicting tumor stage and prognosis in cervical cancer. *Gynecol Oncol* (2011) 122(3): 590-594; <https://doi.org/10.1016/j.ygyno.2011.05.027>
36. Preusser M, Elandt K, Schwarzinger I, Marosi C, Heinzl H: Immature and absolute platelet count changes and thrombocytopenia in malignant glioma. *Eur J Clin Invest* (2011) 41(5): 539-545; <https://doi.org/10.1111/j.1365-2362.2010.02442.x>
37. Riss D, Hamzavi JS, Katzinger M, Baumgartner WD, Kaider A, Gstoettner W, Arnoldner C: Effects of fine structure and extended low frequencies in pediatric cochlear implant recipients. *Int J Pediatr Otorhinolaryngol* (2011) 75(4): 573-578; <https://doi.org/10.1016/j.ijporl.2011.01.022>



38. Riss D, Hamzavi JS, Selberherr A, Kaider A, Blineder M, Starlinger V, Gstoettner W, Arnoldner C: Envelope versus fine structure speech coding strategy: a crossover study. *Otol Neurotol* (2011) 32(7): 1094-1101; <https://doi.org/10.1097/MAO.0b013e31822a97f4>
39. Riss S, Franner H, Mittlböck M, Riedl M, Herbst F, Teleky B, Stift A: Late pelvic function following rectal cancer resection – a case-control study. *European Surgery* (2011) 44(1): 41-46; <https://doi.org/10.1007/s10353-011-0036-9>
40. Riss S, Stremitzer S, Riss K, Mittlböck M, Bergmann M, Stift A: Pelvic organ function and quality of life after anastomotic leakage following rectal cancer surgery. *Wien Klin Wochenschr* (2011) 123(1-2): 53-57; <https://doi.org/10.1007/s00508-010-1514-y>
41. Riss S, Weiser FA, Riss T, Schwameis K, Mittlböck M, Stift A: Haemorrhoids and quality of life. *Colorectal Dis* (2011) 13(4): e48-52; <https://doi.org/10.1111/j.1463-1318.2010.02480.x>
42. Riss S, Weiser FA, Schwameis K, Mittlböck M, Stift A: Haemorrhoids, constipation and faecal incontinence: is there any relationship? *Colorectal Dis* (2011) 13(8): e227-233; <https://doi.org/10.1111/j.1463-1318.2011.02632.x>
43. Roedler S, Neuhauser J, Sodeck G, Dziodzio T, Juraszek A, Zimpfer D, Gottardi R, Holfeld J, Dunkler D, Dumfarth J, Rosenhek R, Laufer G, Grimm M, Czerny M: Gender-related differences in patients undergoing mechanical aortic valve replacement with the CarboMedics valve. *J Cardiovasc Surg (Torino)* (2011) 52(6): 887-894;
44. Schanab O, Humer J, Gleiss A, Mikula M, Sturlan S, Grunt S, Okamoto I, Muster T, Pehamberger H, Waltenberger A: Expression of human endogenous retrovirus K is stimulated by ultraviolet radiation in melanoma. *Pigment Cell Melanoma Res* (2011) 24(4): 656-665; <https://doi.org/10.1111/j.1755-148X.2011.00860.x>
45. Schmidinger M, Vogl UM, Bojic M, Lamm W, Heinzl H, Haitel A, Clodi M, Kramer G, Zielinski CC: Hypothyroidism in patients with renal cell carcinoma: blessing or curse? *Cancer* (2011) 117(3): 534-544; <https://doi.org/10.1002/cncr.25422>
46. Steyerberg EW, Schemper M, Harrell FE: Logistic regression modeling and the number of events per variable: selection bias dominates. *J Clin Epidemiol* (2011) 64(12): 1464-1465; author reply 1463-1464; <https://doi.org/10.1016/j.jclinepi.2011.06.016>
47. Tempfer-Bentz EK, Froese G, Gong Y, Hinterkirchner E, Kohl M, Heinze G, Tempfer CB: Association of untrained labor companion with operative delivery rate: retrospective study of 2247 women. *J Womens Health (Larchmt)* (2011) 20(9): 1367-1371; <https://doi.org/10.1089/jwh.2010.2507>
48. Thaler J, Ay C, Weinstabl H, Dunkler D, Simanek R, Vormittag R, Freyssonet JM, Zielinski C, Pabinger I: Circulating procoagulant microparticles in cancer patients. *Ann Hematol* (2011) 90(4): 447-453; <https://doi.org/10.1007/s00277-010-1111-1>
49. Tiedje V, Dunkler D, Ay C, Horvath B, Quehenberger P, Pabinger M, Zielinski C, Pabinger I, Mannhalter C: The role of fibrinogen plasma levels, the -455G>A fibrinogen and the factor XIII A subunit (FXIII-A) Val34Leu polymorphism in cancer-associated venous thrombosis. *Thromb Haemost* (2011) 106(5): 908-913; <https://doi.org/10.1160/TH11-04-0278>
50. Vanura K, Spath F, Gleiss A, Le T, Porpaczy E, Skrabs C, Hauswirth A, Fleiss K, Wessely F, Gaiger A, Mullauer L, Jager U: Prevalence and clinical impact of autoimmune diseases and chronic infections in malignant lymphomas at diagnosis. *Ann Hematol* (2011) 90(8): 947-954; <https://doi.org/10.1007/s00277-011-1178-3>



51. Vasak C, Watzak G, Gahleitner A, Strbac G, Schemper M, Zechner W: Computed tomography-based evaluation of template (NobelGuide)-guided implant positions: a prospective radiological study. *Clin Oral Implants Res* (2011) 22(10): 1157-1163; <https://doi.org/10.1111/j.1600-0501.2010.02070.x>
52. Vyssocki B, Bluml V, Gleiss A, Friedrich F, Kogoj D, Walter H, Zeiler J, Hofer P, Lesch OM, Erfurth A: The impact of temperament in the course of alcohol dependence. *J Affect Disord* (2011) 135(1-3): 177-183; <https://doi.org/10.1016/j.jad.2011.07.007>
53. Waldhoer T, Heinzl H: Combining difference and equivalence test results in spatial maps. *Int J Health Geogr* (2011) 10(3): 3; <https://doi.org/10.1186/1476-072X-10-3>
54. Witt A, Doner M, Petricevic L, Berger A, Germann P, Heinze G, Tempfer C: Antibiotic prophylaxis before surgery vs after cord clamping in elective cesarean delivery: a double-blind, prospective, randomized, placebo-controlled trial. *Arch Surg* (2011) 146(12): 1404-1409; <https://doi.org/10.1001/archsurg.2011.725>
55. Wittinger M, Vanhara P, El-Gazzar A, Savarese-Brenner B, Pils D, Anees M, Grunt TW, Sibilica M, Holcman M, Horvat R, Schemper M, Zeillinger R, Schofer C, Dolznig H, Horak P, Krainer M: hVps37A Status affects prognosis and cetuximab sensitivity in ovarian cancer. *Clin Cancer Res* (2011) 17(24): 7816-7827; <https://doi.org/10.1158/1078-0432.CCR-11-0408>