

Journalbeiträge

1. Ahmed R, Duerr U, Gavenis K, Hilgers R, Gross O (2014) Challenges for academic investigator-initiated pediatric trials for rare diseases. *CLIN THER* 36(2): 184-90, doi: 10.1016/j.clinthera.2014.01.013
2. Brockmeyer P, Jung K, Perske C, Schliephake H, Hemmerlein B (2014) Membrane connexin 43 acts as an independent prognostic marker in oral squamous cell carcinoma. *INT J ONCOL* 45(1): 273-81, doi: 10.3892/ijo.2014.2394
3. Brockmeyer P, Lange K, Hahn W, Schliephake H, Matthias Gruber R (2014) Increase of homogenous new bone formation using osteoinductive factor rhGDF-5 during sinus floor augmentation in Goettingen Minipigs. *CLIN ORAL IMPLAN RES* -: 1-7, doi: 10.1111/clr.12457
4. Chenot JF, Hua TD, Abu Abed M, Schneider-Rudt H, Friede T, Schneider S, Vormfelde SV (2014) Safety relevant knowledge of orally anticoagulated patients without self-monitoring: a baseline survey in primary care. *BMC FAM PRACT* 15: 104, doi: 10.1186/1471-2296-15-104
5. Chenot JF, Weber P, Friede T (2014) Efficacy of Ambroxol lozenges for pharyngitis: a meta-analysis. *BMC FAM PRACT* 15: 45, doi: 10.1186/1471-2296-15-45
6. Crins ND, Röver C, Goralczyk AD, Friede T (2014) Interleukin-2 receptor antagonists for pediatric liver transplant recipients: a systematic review and meta-analysis of controlled studies. *PEDIATR TRANSPLANT* 18(8): 839-50, doi: 10.1111/ptr.12362
7. der Heyde SV, Bender C, Henjes F, Sonntag J, Korf U, Beißbarth T (2014) Boolean ErbB network reconstructions and perturbation simulations reveal individual drug response in different breast cancer cell lines. *BMC SYST BIOL* 8(1): 75, doi: 10.1186/1752-0509-8-75
8. Djukic M, Onken ML, Schütze S, Redlich S, Götz A, Hanisch UK, Bertsch T, Ribes S, Hanenberg A, Schneider S, Bollheimer C, Sieber C, Nau R (2014) Vitamin d deficiency reduces the immune response, phagocytosis rate, and intracellular killing rate of microglial cells. *INFECT IMMUN* 82(6): 2585-94, doi: 10.1128/IAI.01814-14
9. Engelke W, Glombek J, Psychogios M, Schneider S, Ellenberger D, Santander P (2014) Displacement of oropharyngeal structures during suction-swallowing cycles. *EUR ARCH OTO-RHINO-L* 271(7): 1987-97, doi: 10.1007/s00405-014-2919-4
10. Flachenecker P, Buckow K, Pugliatti M, Kes VB, Battaglia MA, Boyko A, Confavreux C, Ellenberger D, Eskic D, Ford D, Friede T, Fuge J, Glaser A, Hillert J, Holloway E, Ioannidou E, Kappos L, Kasilingam E, Koch-Henriksen N, Kuhle J, Lepore V, Middleton R, Myhr KM, Orogas A, Otero S, Pitschnau-Michel D, Rienhoff O, Sastre-Garriga J, Schyns-Liharska T, Sutovic D, Thalheim C, Trojano M, Vlasov YV, Yaldizli O, EUREMS Consortium (2014) Multiple sclerosis sclerosis registries in Europe - results of a systematic survey. *MULT SCLER J* 20(11): 1523-32, doi: 10.1177/1352458514528760
11. Fokas E, Liersch T, Fietkau R, Hohenberger W, Beißbarth T, Hess C, Becker H, Ghadimi M, Mrak K, Merkel S, Raab HR, Sauer R, Wittekind C, Rödel C (2014) Tumor regression grading after preoperative chemoradiotherapy for locally advanced rectal carcinoma revisited: updated results of the CAO/ARO/AIO-94 trial. *J CLIN ONCOL* 32(15): 1554-62, doi: 10.1200/JCO.2013.54.3769
12. Gaedcke J, Leha A, Claus R, Weichenhan D, Jung K, Kitz J, Grade M, Wolff HA, Jo P, Doyen J, Gérard JP, Johnsen SA, Plass C, Beißbarth T, Ghadimi M (2014) Identification of a DNA methylation signature to predict disease-free survival in locally advanced rectal cancer. *ONCOTARGET* 5(18): 8123-35
13. Glass B, Hasenkamp J, Wulf G, Dreger P, Pfreundschuh M, Gramatzki M, Silling G, Wilhelm C, Zeis M, Görlitz A, Pfeiffer S, Hilgers R, Truemper L, Schmitz N, German High-Grade Lymphoma Study Group (2014) Rituximab after lymphoma-directed conditioning and allogeneic stem-cell transplantation for relapsed and refractory aggressive non-Hodgkin lymphoma (DSHNHL R3): an open-label, randomised, phase 2 trial. *LANCET ONCOL* 15(7): 757-66, doi: 10.1016/S1470-2045(14)70161-5
14. Golkowski D, Friede T, Kieser M (2014) Blinded sample size re-estimation in crossover bioequivalence trials. *PHARM STAT* 13(3): 157-62, doi: 10.1002/pst.1617
15. Gruber RM, Krohn S, Mauth C, Dard M, Molenberg A, Lange K, Perske C, Schliephake H (2014) Mandibular reconstruction using a calcium phosphate/polyethylene glycol hydrogel carrier with BMP-2. *J CLIN PERIODONTOL* 41(8): 820-6, doi: 10.1111/jcpe.12264
16. Gutenberg A, Nischwitz MD, Gunawan B, Enders C, Jung K, Bergmann M, Feiden W, Egensperger R, Keyvani K, Stolke D, Sure U, Schroeder HWS, Warzok R, Schober R, Meixensberger J, Paulus W, Wassmann H, Stummer W, Blumcke I, Buchfelder M, van Landeghem FKH, Vajkoczy P, Günther M, Bedke J, Giese A, Rohde V, Brück W, Füzesi L, Sander B (2014) Predictive chromosomal clusters of synchronous and metachronous brain metastases in clear cell renal cell carcinoma. *CANCER GENET-NY* 207(5): 206-13, doi: 10.1016/j.cancergen.2014.05.004
17. Hackmann A, Wu H, Schneider UM, Meyer K, Jung K, Krebber H (2014) Quality control of spliced mRNAs requires the shuttling SR proteins Gbp2 and Hrb1. *NAT COMMUN* 5: 3123, doi: 10.1038/ncomms4123

18. Hohloch K, Bertram N, Trümper L, [Beissbarth T](#), Griesinger F (2014) Superior vena cava syndrome caused by a malignant tumor: a retrospective single-center analysis of 124 cases. *J CANCER RES CLIN* 140(12): 2129-34, doi: 10.1007/s00432-014-1764-6
19. Huppke B, [Ellenberger D](#), Rosewich H, [Friede T](#), Gärtner J, Huppke P (2014) Clinical presentation of pediatric multiple sclerosis before puberty. *EUR J NEUROL* 21(3): 441-6, doi: 10.1111/ene.12327
20. Huppke P, Hummel H, [Ellenberger D](#), Pfeifenbring S, Stark W, Huppke B, Brück W, Gärtner J (2014) JC virus antibody status in a pediatric multiple sclerosis cohort: Prevalence, conversion rate and influence on disease severity. *MULT SCLER J* 21(4): 382-7, doi: 10.1177/1352458514543340
21. [Jung K](#), Dihazi H, Bibi A, Dihazi GH, [Beißbarth T](#) (2014) Adaption of the global test idea to proteomics data with missing values. *BIOINFORMATICS* 30(10): 1424-30, doi: 10.1093/bioinformatics/btu062
22. Kastl L, Sauer SW, Ruppert T, [Beißbarth T](#), Becker MS, Süß D, Krammer PH, Gülow K (2014) TNF- $\alpha$  mediates mitochondrial uncoupling and enhances ROS-dependent cell migration via NF- $\kappa$ B activation in liver cells. *FEBS LETT* 588(1): 175-183
23. Kottas M, Kuss O, [Zapf A](#) (2014) A modified Wald interval for the area under the ROC curve (AUC) in diagnostic case-control studies. *BMC MED RES METHODOL* 14: 26, doi: 10.1186/1471-2288-14-26
24. [Kramer F](#), [Bayerlová M](#), [Beißbarth T](#) (2014) R-based software for the integration of pathway data into bioinformatic algorithms. *Biology (Basel)* 3(1): 85-100, doi: 10.3390/biology3010085
25. Krasnianski A, Kaune J, [Jung K](#), Kretzschmar HA, Zerr I (2014) First symptom and initial diagnosis in sporadic CJD patients in Germany. *J NEUROL* 261(9): 1811-7, doi: 10.1007/s00415-014-7410-z
26. Kunz CU, [Friede T](#), Parsons N, Todd S, Stallard N (2014) Data-driven treatment selection for seamless phase II/III trials incorporating early-outcome data. *PHARM STAT* 13(4): 238-46, doi: 10.1002/pst.1619
27. Landmann H, Proia DA, He S, Ogawa LS, [Kramer F](#), [Beißbarth T](#), Grade M, Gaedcke J, Ghadimi M, Moll U, Dobbstein M (2014) UDP glucuronosyltransferase 1A expression levels determine the response of colorectal cancer cells to the heat shock protein 90 inhibitor ganetespib. *CELL DEATH DIS* 5: e1411, doi: 10.1038/cddis.2014.378
28. Laskawi R, Niemczewska A, [Schneider S](#), Winterhoff J, Beutner C, Rohrbach S (2014) Änderung von Dosis und Injektionsmuster der Botulinumtoxin-Langzeittherapie facialis Dyskinesien / Changes in the dosage and injection pattern in the long-term treatment of facial dyskinesia with botulinum toxin. *LARYNGO RHINO OTOL* 3(93): 186-192
29. Mannil M, Solari A, [Leha A](#), Pelayo-Negro AL, Berciano J, Schlotter-Weigel B, Walter MC, Rautenstrauss B, Schnizer TJ, Schenone A, Seeman P, Kadian C, Schreiber O, Angarita NG, Fabrizi GM, Gemignani F, Padua L, Santoro L, Quattrone A, Vita G, Calabrese D, CMT-TRIAAL/CMT-TRAUK Group, Young P, Laura M, Haberlová J, Mazanec R, Paulus W, [Beissbarth T](#), Shy ME, Reilly MM, Pareyson D, Sereda MW (2014) Selected items from the Charcot-Marie-Tooth (CMT) Neuropathy Score and secondary clinical outcome measures serve as sensitive clinical markers of disease severity in CMT1A patients. *NEUROMUSCULAR DISORD* 24(11): 1003-17, doi: 10.1016/j.nmd.2014.06.431
30. Mansur A, Hinz J, Hillebrecht B, Bergmann I, Popov AF, Ghadimi M, Bauer M, [Beissbarth T](#), Mihm S (2014) Ninety-day survival rate of patients with sepsis relates to programmed cell death 1 genetic polymorphism rs11568821. *J INVEST MED* 62(3): 638-43, doi: 10.231/JIM.00000000000000059
31. Mansur A, von Gruben L, Popov AF, Steinau M, Bergmann I, Ross D, Ghadimi M, [Beissbarth T](#), Bauer M, Hinz J (2014) The regulatory toll-like receptor 4 genetic polymorphism rs11536889 is associated with renal, coagulation and hepatic organ failure in sepsis patients. *J TRANSL MED* 12(1): 177, doi: 10.1186/1479-5876-12-177
32. Mechie NC, [Röver C](#), Cameron S, Amanzada A (2014) Predictability of IL-28B-polymorphism on protease-inhibitor-based triple-therapy in chronic HCV-genotype-1 patients: A meta-analysis. *World J Hepatol* 6(10): 759-65, doi: 10.4254/wjh.v6.i10.759
33. Mitteldorf C, Bertsch HP, [Jung K](#), Thoms KM, Schön MP, Tronnier M, Kretschmer L (2014) Sentinel node biopsy improves prognostic stratification in patients with thin (pT1) melanomas and an additional risk factor. *ANN SURG ONCOL* 21(7): 2252-8, doi: 10.1245/s10434-014-3641-6
34. Müller K, Koster S, Painer J, Söderberg A, Gavier-Widèn D, [Brunner E](#), Dehnhard M, Jewgenow K (2014) Testosterone production and spermatogenesis in free-ranging Eurasian lynx (*Lynx lynx*) throughout the year. *EUR J WILDLIFE RES* 60(4): 569-577
35. Oberhofer G, Grossmann D, Siemanowski JL, [Beissbarth T](#), Bucher G (2014) Wnt/ $\beta$ -catenin signaling integrates patterning and metabolism of the insect growth zone. *DEVELOPMENT* 141(24): 4740-50, doi: 10.1242/dev.112797
36. Patel S, Ngunjiri A, Sandhu H, Griffiths F, Thistlethwaite J, Brown S, [Friede T](#), Lord J, Colin Tysall C, Woolwine M, Underwood M (2014) The design and development of a decision support package for low back pain. *ARTHRIT CARE RES* 66: 925-933
37. Patel S, Ngunjiri A, Hee SW, Yang Y, Brown S, [Friede T](#), Griffiths F, Lord J, Sandhu H, Thistlethwaite J, Tysall C, Underwood M (2014) Primum non nocere: shared informed decision making in low back pain--a pilot cluster randomised trial. *BMC MUSCULOSKEL DIS* 15: 282, doi: 10.1186/1471-2474-15-282

38. Patel S, Ngunjiri A, Sandhu H, Griffiths F, Thistlewaite J, Brown S, [Friede T](#), Lord J, Tysall C, Woolvine M, Underwood M (2014) Design and development of a decision support package for low back pain. *ARTHRIT CARE RES* 66(6): 925-33, doi: 10.1002/acr.22252
39. Patschan D, Heeg M, Brier M, Brandhorst G, [Schneider S](#), Müller GA, Koziol MJ (2014) CD4+ lymphocyte adenosine triphosphate--a new marker in sepsis with acute kidney injury? *BMC NEPHROL* 15(1): 203, doi: 10.1186/1471-2369-15-203
40. Puls M, Sobisiak B, Bleckmann A, Jacobshagen C, Danner BC, Hünlich M, [Beißbarth T](#), Schöndube F, Hasenfuß G, Seipelt R, Schillinger W (2014) Impact of frailty on short- and long-term morbidity and mortality after transcatheter aortic valve implantation: risk assessment by Katz Index of activities of daily living. *EUROINTERVENTION* 10(5): 609-19, doi: 10.4244/EIJY14M08\_03
41. Rau TT, Agaimy A, Gehoff A, Geppert C, [Jung K](#), Knobloch K, Langner C, Lugli A, Groenbus-Lurkin I, Nagtegaal ID, Rüschoff J, Saeger X, Sarbia M, Schneider-Stock R, Vieth M, Zwarthoff EC, Hartmann A (2014) Defined morphological criteria allow reliable diagnosis of colorectal serrated polyps and predict polyp genetics. *VIRCHOWS ARCH* 464(6): 663-72, doi: 10.1007/s00428-014-1569-7
42. [Rödiger M](#), Rinke S, Ehret-Kleinau F, Pohlmeier F, Lange K, Bürgers R, Gersdorff N (2014) Evaluation of removal forces of implant-supported zirconia copings depending on abutment geometry, luting agent and cleaning method during re-cementation. *J ADV PROSTHODONT* 6(3): 233-40, doi: 10.4047/jap.2014.6.3.233
43. Satzger I, Meier A, [Zapf A](#), Niebuhr M, Kapp A, Gutzmer R (2014) Is there a therapeutic benefit of complete lymph node dissection in melanoma patients with low tumor burden in the sentinel node? *MELANOMA RES* 24(5): 454-61, doi: 10.1097/CMR.0000000000000081
44. Schmidt C, Becker H, Peter C, [Lange K](#), [Friede T](#), Zerr I (2014) Plasma prion protein concentration and progression of Alzheimer disease. *PRION* 8(2): 12-16
45. Schmidt C, Wolff M, von Ahsen N, [Lange K](#), [Friede T](#), Zerr I (2014) CR1 is potentially associated with rate of decline in sporadic Alzheimer's disease. *J CLIN NEUROSCI* 21(10): 1705-8, doi: 10.1016/j.jocn.2014.03.015
46. Schröder M, Stüber V, Walendzik E, O'Loughlin PF, [Zapf A](#), Krettek C, Gaulke R (2014) Establishing an optimal trajectory for calcaneotibial K-wire fixation in emergent treatment of unstable ankle fractures. *Technol Health Care* 10(Dezember): Epub ahead of print, doi: 10.3233/THC-140885
47. Sidery T, Aylott B, Christensen N, Farr B, Farr W, Feroz F, Gair J, Grover K, Graff P, Hanna C, Kalogera V, Mandel I, O'Shaughnessy R, Pitkin M, Price L, Raymond V, [Röver C](#), Singer L, van der Sluys M, Smith RJE, Vecchio A, Veitch J, Vitale S (2014) Reconstructing the sky location of gravitational-wave detected compact binary systems: methodology for testing and comparison. *PHYS REV D* 89(8): Nummer 084060, doi: 10.1103/PhysRevD.89.084060
48. Spitzner M, Roesler B, Bielfeld C, Emons G, Gaedcke J, Wolff HA, Rave-Fränk M, [Kramer F](#), [Beißbarth T](#), Kitz J, Wienands J, Ghadimi BM, Ebner R, Ried T, Grade M (2014) STAT3 inhibition sensitizes colorectal cancer to chemoradiotherapy in vitro and in vivo. *INT J CANCER* 134(4): 997-1007, doi: 10.1002/ijc.28429
49. Stallard N, Hamborg T, Parsons N, [Friede T](#) (2014) Adaptive designs for confirmatory clinical trials with subgroup selection. *J BIOPHARM STAT* 24(1): 168-87, doi: 10.1080/10543406.2013.857238
50. Ströbel P, Zettl A, Shilo K, Chuang WY, Nicholson AG, Matsuno Y, Gal A, Laeng RH, Engel P, Capella C, Marino M, Chan JKC, Rosenwald A, Travis W, Franks TJ, [Ellenberger D](#), Schaefer IM, Marx A (2014) Tumor genetics and survival of thymic neuroendocrine neoplasms: a multi-institutional clinicopathologic study. *GENE CHROMOSOME CANC* 53(9): 738-49, doi: 10.1002/gcc.22183
51. Sudau F, [Friede T](#), Grabowski J, Koschack J, Makedonski P, Himmel W (2014) Sources of information and behavioral patterns in online health forums: observational study. *J MED INTERNET RES* 16(1): e10, doi: 10.2196/jmir.2875
52. Vollmann D, Woronowicz S, Kmiec L, [Jung K](#), Zenker D, Seegers J, Sossalla S, Dorenkamp M, Sohns C, Lüthje L, Hassenfuss G, Zabel M (2014) Lead Failure Rates and Patient Mortality during Long-Term Follow-Up of Passive Fixation Sprint Fidelis Lead. *EUROPACE* 16: 258-264
53. Vollmann D, Lüthje L, Seegers J, Sohns C, Sossalla S, Sohns J, [Röver C](#), Hasenfuß G, Zabel M (2014) Remote magnetic navigation for circumferential pulmonary vein ablation: single-catheter technique or additional use of a circular mapping catheter? *J INTERV CARD ELECTR* 41(1): 65-73, doi: 10.1007/s10840-014-9912-0
54. Vollmann D, Woronowicz S, Kmiec L, [Jung K](#), Zenker D, Seegers J, Sossalla S, Dorenkamp M, Sohns C, Lüthje L, Hassenfuss G, Zabel M (2014) Passive-fixation lead failure rates and long-term patient mortality in subjects implanted with Sprint Fidelis electrodes. *EUROPACE* 16(2): 258-64, doi: 10.1093/europace/eut185
55. [von der Heyde S](#), Fromm-Dornieden C, Salinas-Riester G, [Beißbarth T](#), Baumgartner BG (2014) Dynamics of mRNA and polysomal abundance in early 3T3-L1 adipogenesis. *BMC GENOMICS* 15: 381, doi: 10.1186/1471-2164-15-381

56. von der Heyde S, Sonntag J, Kaschek D, Bender C, Bues J, Wachter A, Timmer J, Korf U, Beißbarth T (2014) RPPanalyzer toolbox: an improved R package for analysis of reverse phase protein array data. BIOTECHNIQUES 57(3): 125-35, doi: 10.2144/000114205
57. Vormfelde SV, Abed MA, Hua TD, Schneider S, Friede T, Chenot JF (2014) Schulung oral antikoagulierter Patienten zur Arzneimitteltherapiesicherheit - eine cluster randomisierte Studie in Hausarztpraxen (Educating orally anticoagulated patients in drug safety - a cluster-randomized study in general practice). Deutsches Ärzteblatt 37(111): 607-614
58. Waeschle RM, Bräuer A, Hilgers R, Herrmann P, Neumann P, Quintel M, Moerer O (2014) Hypoglycaemia and predisposing factors among clinical subgroups treated with intensive insulin therapy. ACTA ANAESTH SCAND 58(2): 223-34, doi: 10.1111/aas.12239
59. Wolf I, Friede T, Hallier E, Straube S (2014) Work-related outcomes in randomised placebo-controlled pain trials: a systematic review and meta-analysis. J OCCUP MED TOXICOL 9: 25, doi: 10.1186/1745-6673-9-25

### **Buchbeiträge**

1. Brunner E, Zapf A (2014) Nonparametric ROC analysis for diagnostic trials, Statistics in Clinical Trials-Planning, Analysis and Inferential Methods. In: John Wiley & Sons (Hrsg.) Clinical Trials. John Wiley & Sons, 471-483
2. Konietschke F, Gel YR, Brunner E (2014) On multiple Contrast Tests and Simultaneous Confidence Intervals in High-Dimensional Repeated Measures Designs. In: American Mathematical Society (Hrsg.) Perspectives of Big Data Analysis. American Mathematical Society, 109-124

### **Medizinische Dissertationen**

1. Steinvorth S, Dr. med. (2014) Explaining temporal trends in annualized relapse rates in placebo groups of randomized controlled trials in relapsing multiple sclerosis: Systematic review, meta-analysis and meta-regression. Dissertation Universität Göttingen.

### **Naturwiss. u.a. nichtmed. Diss.**

1. Helms HJ, Dr. rer. nat. (2014) Auswertung und Planung von Dosis-Findungsstudien mit aktiver Kontrolle. Dissertation Universität Mannheim.
2. Kramer F, Dr. rer. nat. (2014) Integration of Pathway Data as Prior Knowledge into Methods for Network Reconstruction. Dissertation Universität Göttingen.
3. Schneider S, Dr. rer. nat. (2014) Verblindete Fallzahlenanpassung in klinischen Studien mit Ereigniszählungen. Dissertation Universität Mannheim.