

**Journalbeiträge**

1. Aggarwal S, Snaidero N, Pähler G, Frey S, Sánchez P, Zweckstetter M, Janshoff A, Schneider A, Weil MT, Schaap IAT, Görlich D, Simons M (2013) Myelin membrane assembly is driven by a phase transition of myelin basic proteins into a cohesive protein meshwork. *PLOS BIOL*, 11(6): e1001577.
2. Akerboom J, Carreras Calderón N, Tian L, Wabnig S, Prigge M, Tolö J, Gordus A, Orger MB, Severi KE, Macklin JJ, Patel R, Pulver SR, Wardill TJ, Fischer E, Schüler C, Chen TW, Sarkisyan KS, Marvin JS, Bargmann CI, Kim DS, Kügler S, Lagnado L, Hegemann P, Gottschalk A, Schreiter ER, Looger LL (2013) Genetically encoded calcium indicators for multi-color neural activity imaging and combination with optogenetics. *Front Mol Neurosci*, 6: 2.
3. Ambeskovic M, Fuchs E, Beaumier P, Gerken M, Metz GA (2013) Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. *BIOGERONTOLOGY*, 14(5): 557-67.
4. Bakhti M, Snaidero N, Schneider D, Aggarwal S, Möbius W, Janshoff A, Eckhardt M, Nave KA, Simons M (2013) Loss of electrostatic cell-surface repulsion mediates myelin membrane adhesion and compaction in the central nervous system. *P NATL ACAD SCI USA*, 110(8): 3143-8.
5. Bergner CG, Lang C, Spreer A, Bähr M, Mohr A, Simons M (2013) Teaching NeurolImages: Ma2 encephalitis presenting as acute panhypopituitarism in a young man. *NEUROLOGY*, 81(19): e146-7.
6. Breithaupt M, Schmidt J (2013) Current essentials in inflammatory myopathies. *Emj*, 1: 46-51.
7. Breithaupt M, Schmidt J (2013) Update on treatment of inclusion body myositis. *Curr Rheumatol Rep*, 15(5): 329.
8. Breithaupt M, Romero C, Kallenberg K, Begue C, Sanchez-Juan P, Eigenbrod S, Kretzschmar H, Schelzke G, Meichtry E, Taratuto A, Zerr I (2013) Magnetic resonance imaging in E200K and V210I mutations of the prion protein gene. *ALZ DIS ASSOC DIS*, 27(1): 87-90.
9. Brück W, Gold R, Lund BT, Oreja-Guevara C, Prat A, Spencer CM, Steinman L, Tintoré M, Vollmer TL, Weber MS, Weiner LP, Ziemssen T, Zamvil SS (2013) Therapeutic decisions in multiple sclerosis: moving beyond efficacy. *ARCH NEUROL-CHICAGO*, 70(10): 1315-24.
10. Chmyrov A, Keller J, Grotjohann T, Ratz M, d'Este E, Jakobs S, Eggeling C, Hell SW (2013) Nanoscopy with more than 100,000 'doughnuts'. *NAT METHODS*, 10(8): 737-40.
11. Czéh B, Fuchs E, Flügge G (2013) Altered glial plasticity in animal models for mood disorders. *CURR DRUG TARGETS*, 14(11): 1249-1261.
12. Dieks JK, Gawinecka J, Asif AR, Varges D, Gmitterova K, Streich JH, Dihazi H, Heinemann U, Zerr I (2013) Low-abundant cerebrospinal fluid proteome alterations in dementia with Lewy bodies. *J ALZHEIMERS DIS*, 34(2): 387-97.
13. Djogo N, Jakovcevski I, Müller C, Lee HJ, Xu JC, Jakovcevski M, Kügler S, Loers G, Schachner M (2013) Adhesion molecule L1 binds to amyloid beta and reduces Alzheimer's disease pathology in mice. *NEUROBIOL DIS*, 56: 104-15.
14. Djukic M, Schulz D, Schmidt H, Lange P, Nau R (2013) Cerebrospinal fluid findings in geriatric patients from 2008 to 2011. *Z GERONTOL GERIATR*, 46(4): 353-7.
15. Djukic M, Larsen J, Lingor P, Nau R (2013) Unilateral phrenic nerve lesion in Lyme neuroborreliosis. *BMC PULM MED*, 13: 4.
16. Doeppner TR, Doehring M, Bretschneider E, Zechariah A, Kaltwasser B, Müller B, Koch JC, Bähr M, Hermann DM, Michel U (2013) MicroRNA-124 protects against focal cerebral ischemia via mechanisms involving Usp14-dependent REST degradation. *ACTA NEUROPATHOL*, 126(2): 251-65.
17. Doeppner TR, Kaltwasser B, Fengyan J, Hermann DM, Bähr M (2013) TAT-Hsp70 induces neuroprotection against stroke via anti-inflammatory actions providing appropriate cellular microenvironment for transplantation of neural precursor cells. *J CEREBR BLOOD F MET*, 33(11): 1778-88.
18. Dohm CP, Gröschel S, Liman J, Bähr M, Kermer P (2013) Dropped head sign induced by transdermal application of the dopamine agonist rotigotine in parkinsonian syndrome: a case report. *J Med Case Rep*, 7(1): 174.
19. Dučić T, Barski E, Salome M, Koch JC, Bähr M, Lingor P (2013) X-ray fluorescence analysis of iron and manganese distribution in primary dopaminergic neurons. *J NEUROCHEM*, 124(2): 250-61.
20. Eckermann K (2013) SUMO and Parkinson's disease. *NEUROMOL MED*, 15(4): 737-59.
21. Fischer C, Kleinschmitz K, Wrede A, Muth J, Kruse N, Nishino I, Schmidt J (2013) Cell stress molecules in the skeletal muscle of GNE myopathy. *BMC NEUROL*, 13: 24.
22. Focke NK, Kallenberg K, Mohr A, Djukic M, Nau R, Schmidt H (2013) Distributed, limbic gray matter atrophy in patients after bacterial meningitis. *AM J NEURORADIOL*, 34(6): 1164-7.

23. Frühbeis C, Fröhlich D, Kuo WP, Amphornrat J, Thilemann S, Saab AS, Kirchhoff F, Möbius W, Goebbel S, Nave KA, Schneider A, Simons M, Klugmann M, Trotter J, Krämer-Albers EM (2013) Neurotransmitter-triggered transfer of exosomes mediates oligodendrocyte-neuron communication. PLOS BIOL, 11(7): e1001604.
24. Gawinecka J, Nowak M, Carimalo J, Cardone F, Asif AR, Wemheuer WM, Schulz-Schaeffer WJ, Pocchiari M, Zerr I (2013) Subtype-specific synaptic proteome alterations in sporadic Creutzfeldt-Jakob disease. J ALZHEIMERS DIS, 37(1): 51-61.
25. Ghosh A, Kling T, Snaidero N, Sampaio JL, Shevchenko A, Gras H, Geurten B, Göpfert MC, Schulz JB, Voigt A, Simons M (2013) A global in vivo Drosophila RNAi screen identifies a key role of ceramide phosphoethanolamine for glial ensheathment of axons. PLOS GENET, 9(12): e1003980.
26. Goldeck D, Larbi A, Pellicanó M, Alam I, Zerr I, Schmidt C, Fulop T, Pawelec G (2013) Enhanced Chemokine Receptor Expression on Leukocytes of Patients with Alzheimer's Disease. PLOS ONE, 8(6): e66664.
27. Grapp M, Wrede A, Schweizer M, Hüwel S, Galla HJ, Snaidero N, Simons M, Bückers J, Low PS, Urlaub H, Gärtner J, Steinfeld R (2013) Choroid plexus transcytosis and exosome shuttling deliver folate into brain parenchyma. NAT COMMUN, 4: 2123.
28. Gröschel K, Röther J, Laufs U, Wachter R, Für die Arbeitsgemeinschaft Herz & Hirn der Deutschen Schlaganfall-Gesellschaft und der Deutschen Gesellschaft für Kardiologie – Herz- und Kreislauftforschung e. V (2013) [Heart or brain? Problem patients at the interface between cardiology and neurology]. HERZ, 38(4): 395-401; quiz 402-3.
29. Gröschel S, Sohns JM, Schmidt-Samoa C, Baudewig J, Becker L, Dechant P, Kastrup A (2013) Effects of age on negative BOLD signal changes in the primary somatosensory cortex. NEUROIMAGE, 71: 10-8.
30. Helms G, Garea-Rodriguez E, Schlumbohm C, König J, Dechant P, Fuchs E, Wilke M (2013) Structural and quantitative neuroimaging of the common marmoset monkey using a clinical MRI system. J NEUROSCI METH, 215(1): 121-31.
31. Hesse S, Herrmann C, Bardeleben A, Holzgraefe M, Werner C, Wingendorf I, Kirker SGB (2013) A new orthosis for subluxed, flaccid shoulder after stroke facilitates gait symmetry: a preliminary study. J REHABIL MED, 45(7): 623-9.
32. Jans DC, Wurm CA, Riedel D, Wenzel D, Stagge F, Deckers M, Rehling P, Jakobs S (2013) STED super-resolution microscopy reveals an array of MINOS clusters along human mitochondria. P NATL ACAD SCI USA, 110(22): 8936-41.
33. Kaerst L, Kuhlmann A, Wedekind D, Stoeck K, Lange P, Zerr I (2013) Cerebrospinal fluid biomarkers in Alzheimer's disease, vascular dementia and ischemic stroke patients: a critical analysis. J NEUROL, 260(11): 2722-7.
34. Kallenberg K, Goldmann T, Menke J, Strik H, Bock HC, Stockhammer F, Buhk JH, Frahm J, Dechant P, Knauth M (2013) Glioma infiltration of the corpus callosum: early signs detected by DTI. J NEURO-ONCOL, 112(2): 217-22.
35. Kallenberg K, Rühlmann J, Baudewig J, Larsen J, Gröschel S, Dechant P, Kastrup A, Knauth M (2013) Analysis of reserve capacity and subsequent stenting in a case of subacute occlusion of the internal carotid artery. Clin Neuroradiol, 23(3): 225-9.
36. Karch A, Zerr I (2013) A comparison of tau and 14-3-3 protein in the diagnosis of Creutzfeldt-Jakob disease. NEUROLOGY, 80(22): 2081.
37. Karch A, Manthey H, Ponto C, Hermann P, Heinemann U, Schmidt C, Zerr I (2013) Investigating the association of ApoE genotypes with blood-brain barrier dysfunction measured by cerebrospinal fluid-serum albumin ratio in a cohort of patients with different types of dementia. PLOS ONE, 8(12): e84405.
38. Keller CW, Schmitz M, Münz C, Lünemann JD, Schmidt J (2013) TNF- $\alpha$  upregulates macroautophagic processing of APP/ $\beta$ -amyloid in a human rhabdomyosarcoma cell line. J NEUROL SCI, 325(1-2): 103-7.
39. Klug GMJA, Wand H, Simpson M, Boyd A, Law M, Masters CL, Matěj R, Howley R, Farrell M, Breithaupt M, Zerr I, van Duijn C, Ibrahim-Verbaas C, Mackenzie J, Will RG, Brandel JP, Alperovitch A, Budka H, Kovacs GG, Jansen GH, Coulthard M, Collins SJ (2013) Intensity of human prion disease surveillance predicts observed disease incidence. J NEUROL NEUROSUR PS, 84(12): 1372-7.
40. Koch JC, Solis GP, Bodrikov V, Michel U, Haralampieva D, Shypitsyna A, Tönges L, Bähr M, Lingor P, Stuermer CAO (2013) Upregulation of reggie-1/flotillin-2 promotes axon regeneration in the rat optic nerve in vivo and neurite growth in vitro. NEUROBIOL DIS, 51: 168-76.
41. Koziolek MJ, Kitze B, Mühlhausen J, Müller GA (2013) Immunoabsorption in steroid-refractory multiple sclerosis. Atheroscler Suppl, 14(1): 175-8.
42. Krägeloh-Mann I, Groeschel S, Kehrer C, Opherk K, Nägle T, Handgretinger R, Müller I (2013) Juvenile metachromatic leukodystrophy 10 years post transplant compared with a non-transplanted cohort. BONE MARROW TRANSPL, 48(3): 369-75.
43. Krumova P, Weishaupt JH (2013) Sumoylation in neurodegenerative diseases. CELL MOL LIFE SCI, 70(12): 2123-38.

44. Llorens F, Ansoleaga B, Garcia-Esparcia P, Zafar S, Grau-Rivera O, López-González I, Blanco R, Carmona M, Yagüe J, Nos C, Del Río JA, Gelpí E, Zerr I, Ferrer I (2013) PrP mRNA and protein expression in brain and PrP(c) in CSF in Creutzfeldt-Jakob disease MM1 and VV2. PRION, 7(5): 383-93.
45. Maddalena A, Tereshchenko J, Bähr M, Kügler S (2013) Adeno-associated Virus-mediated, Mifepristone-regulated Transgene Expression in the Brain. Mol Ther Nucleic Acids, 2: e106.
46. Maier IL, Bauerle M, Kermer P, Helms HJ, Buettner T (2013) Risk prediction of very early recurrence, death and progression after acute ischaemic stroke. EUR J NEUROL, 20(4): 599-604.
47. Marek M, Klockgether T, Urbach H, Zerr I, Kretzschmar H, Paus S (2013) Isolated spasticity in sporadic Creutzfeldt-Jakob disease. J NEUROL, 260(2): 654-5.
48. Mayer F, Stahrenberg R, Gröschel K, Mostardt S, Biermann J, Edelmann F, Liman J, Wasem J, Goehler A, Wachter R, Neumann A (2013) Cost-effectiveness of 7-day-Holter monitoring alone or in combination with transthoracic echocardiography in patients with cerebral ischemia. CLIN RES CARDIOL, 102(12): 875-84.
49. Nau R, Djukic M, Spreer A, Eiffert H (2013) Bacterial meningitis: new therapeutic approaches. EXPERT REV ANTI-INFE, 11(10): 1079-95.
50. Papciak J, Popik P, Fuchs E, Rygula R (2013) Chronic psychosocial stress makes rats more 'pessimistic' in the ambiguous-cue interpretation paradigm. BEHAV BRAIN RES, 256: 305-10.
51. Pehlke JR, Venkataramani V, Emmert S, Mohr A, Zoll B, Nau R (2013) [X-linked recessive ichthyosis (XRI), cerebellar ataxia and neuropsychiatric symptoms]. FORTSCHR NEUROL PSYC, 81(1): 40-3.
52. Pellkofer HL, Havla J, Hauer D, Schelling G, Azad SC, Kuempfel T, Magerl W, Huge V (2013) The major brain endocannabinoid 2-AG controls neuropathic pain and mechanical hyperalgesia in patients with neuromyelitis optica. PLOS ONE, 8(8): e71500.
53. Ponto C, Zerr I (2013) Prionerkrankungen-welche Rolle spielen sie heute? InFo Neurologie & Psychiatrie, 15(6): 2-8.
54. Prömmel P, Pilgram-Pastor S, Sitter H, Buhk JH, Strik H (2013) Neoplastic meningitis: How MRI and CSF cytology are influenced by CSF cell count and tumor type. SCI WORLD J, 2013: 248072.
55. Psychogios MN, Scholz B, Rohkohl C, Kyriakou Y, Mohr A, Schramm P, Wachter D, Wasser K, Knauth M (2013) Impact of a new metal artefact reduction algorithm in the noninvasive follow-up of intracranial clips, coils, and stents with flat-panel angiographic CTA: initial results. NEURORADIOLOGY, 55(7): 813-8.
56. Psychogios MN, Schramm P, Amelung N, Pilgram-Pastor SM, Gröschel K, Wasser K, Fröhlich AM, Mohr A, Knauth M (2013) Evaluation of noninvasive follow-up methods for the detection of intracranial in-stent restenosis: a phantom study. INVEST RADIOL, 48(2): 98-103.
57. Psychogios MN, Schramm P, Fröhlich AM, Kallenberg K, Wasser K, Reinhardt L, Kreusch AS, Jung K, Knauth M (2013) Alberta Stroke Program Early CT Scale evaluation of multimodal computed tomography in predicting clinical outcomes of stroke patients treated with aspiration thrombectomy. STROKE, 44(8): 2188-93.
58. Ribes S, Regen T, Meister T, Tauber SC, Schütze S, Mildner A, Mack M, Hanisch UK, Nau R (2013) Resistance of the brain to Escherichia coli K1 infection depends on MyD88 signaling and the contribution of neutrophils and monocytes. INFECT IMMUN, 81(5): 1810-9.
59. Roettger Y, Du Y, Bacher M, Zerr I, Dodel R, Bach JP (2013) Immunotherapy in prion disease. NAT REV NEUROL, 9(2): 98-105.
60. Roettger Y, Zerr I, Dodel R, Bach JP (2013) Prion peptide uptake in microglial cells--the effect of naturally occurring autoantibodies against prion protein. PLOS ONE, 8(6): e67743.
61. Rose MR, ENMC IBM Working Group (2013) 188th ENMC International Workshop: Inclusion Body Myositis, 2-4 December 2011, Naarden, The Netherlands. NEUROMUSCULAR DISORD, 23(12): 1044-55.
62. Rüb U, Schöls L, Paulson H, Auburger G, Kermer P, Jen JC, Seidel K, Korf HW, Deller T (2013) Clinical features, neurogenetics and neuropathology of the polyglutamine spinocerebellar ataxias type 1, 2, 3, 6 and 7. PROG NEUROBIOL, 104: 38-66.
63. Sandalon S, Könnecke B, Levkovitch-Verbin H, Simons M, Hein K, Sättler MB, Bähr M, Ofri R (2013) Functional and structural evaluation of lamotrigine treatment in rat models of acute and chronic ocular hypertension. EXP EYE RES, 115: 47-56.
64. Sano K, Satoh K, Atarashi R, Takashima H, Iwasaki Y, Yoshida M, Sanjo N, Murai H, Mizusawa H, Schmitz M, Zerr I, Kim YS, Nishida N (2013) Early detection of abnormal prion protein in genetic human prion diseases now possible using real-time QUIC assay. PLOS ONE, 8(1): e54915.
65. Sasse N, Gibbons H, Wilson L, Martinez-Olivera R, Schmidt H, Hasselhorn M, von Wild K, von Steinbüchel N (2013) Self-awareness and health-related quality of life after traumatic brain injury. J HEAD TRAUMA REHAB, 28(6): 464-72.
66. Schelzke G, Stoeck K, Eigenbrod S, Grasbon-Frodl E, Raddatz LM, Ponto C, Kretzschmar HA, Zerr I (2013) Report about four novel mutations in the prion protein gene. DEMENT GERIATR COGN, 35(3-4): 229-37.
67. Schertel A, Snaidero N, Han HM, Ruhwedel T, Laue M, Grabenbauer M, Möbius W (2013) Cryo FIB-SEM: volume imaging of cellular ultrastructure in native frozen specimens. J STRUCT BIOL, 184(2): 355-60.

68. Schmidt C, Harbort J, Knecht R, Grzyska U, Muenscher A, Dalchow CV (2013) Measurement and comparison of labyrinthine structures with the digital volume tomography: ancient Egyptian mummies' versus today's temporal bones. EUR ARCH OTO-RHINO-L, 270(3): 831-40.
69. Schmidt C, Artjomova S, Hoeschel M, Zerr I (2013) CSF prion protein concentration and cognition in patients with Alzheimer disease. PRION, 7(3): 229-34.
70. Schmidt C, Karch A, Artjomova S, Hoeschel M, Zerr I (2013) Pre-progression rates in Alzheimer's disease revisited. J ALZHEIMERS DIS, 35(3): 451-4.
71. Schmidt H, Kretzschmar B, Lingor P, Pauli S, Schramm P, Otto M, Ohlenbusch A, Brockmann K (2013) Acute onset of adult Alexander disease. J NEUROL SCI, 331(1-2): 152-4.
72. Schmidt J, Dalakas MC (2013) Inclusion body myositis: from immunopathology and degenerative mechanisms to treatment perspectives. EXPERT REV CLIN IMMU, 9(11): 1125-33.
73. Schmitz M, Signore SC, Zerr I, Althaus HH (2013) Oligodendroglial process formation is differentially affected by modulating the intra- and extracellular cholesterol content. J MOL NEUROSCI, 49(3): 457-69.
74. Schneider A, Simons M (2013) Exosomes: vesicular carriers for intercellular communication in neurodegenerative disorders. CELL TISSUE RES, 352(1): 33-47.
75. Simons M, Lyons DA (2013) Axonal selection and myelin sheath generation in the central nervous system. CURR OPIN CELL BIOL, 25(4): 512-9.
76. Singer OC, Haring HP, Trenkler J, Nolte CH, Bohner G, Neumann-Haefelin T, Hofmann E, Reich A, Wiesmann M, Niederkorn K, Deutschmann H, Bussmeyer M, Mpotsaris A, Stoll A, Bormann A, Petzold GC, Urbach H, Jander S, Turowski B, Weimar C, Schlamann M, Gröschel K, Boor S, Berkefeld J, ENDOSTROKE Study Group (2013) Periprocedural aspects in mechanical recanalization for acute stroke: data from the ENDOSTROKE registry. NEURORADIOLOGY, 55(9): 1143-51.
77. Stagge F, Mitronova GY, Belov VN, Wurm CA, Jakobs S (2013) SNAP-, CLIP- and Halo-tag labelling of budding yeast cells. PLOS ONE, 8(10): e78745.
78. Stahrenberg R, Niehaus CF, Edelmann F, Mende M, Wohlfahrt J, Wasser K, Seegers J, Hasenfuß G, Gröschel K, Wachter R (2013) High-sensitivity troponin assay improves prediction of cardiovascular risk in patients with cerebral ischaemia. J NEUROL NEUROSUR PS, 84(5): 479-87.
79. Süßmuth SD, Brettschneider J, Spreer A, Wick M, Jesse S, Lewerenz J, Otto M, Tumani H (2013) [Current cerebrospinal fluid diagnostics for pathogen-related diseases]. NERVENARZT, 84(2): 229-44.
80. Szegő ÉM, Outeiro TF, Kermer P, Schulz JB (2013) Impairment of the septal cholinergic neurons in MPTP-treated A30P α-synuclein mice. NEUROBIOL AGING, 34(2): 589-601.
81. Taschenberger G, Toloe J, Tereshchenko J, Akerboom J, Wales P, Benz R, Becker S, Outeiro TF, Looger LL, Bähr M, Zweckstetter M, Kügler S (2013) β-synuclein aggregates and induces neurodegeneration in dopaminergic neurons. ANN NEUROL, 74(1): 109-18.
82. Tauber SC, Eiffert H, Kellner S, Lugert R, Bunkowski S, Schütze S, Perske C, Brück W, Nau R (2013) Fungal encephalitis in human autopsy cases is associated with extensive neuronal damage but only minimal repair. NEUROPATH APPL NEURO, 40(5): 610-27.
83. Udayar V, Buggia-Prévot V, Guerreiro RL, Siegel G, Rambabu N, Soohoo AL, Ponnuسامی M, Siegenthaler B, Bali J, AESG, Simons M, Ries J, Puthenveedu MA, Hardy J, Thinakaran G, Rajendran L (2013) A paired RNAi and RabGAP overexpression screen identifies Rab11 as a regulator of β-amyloid production. CELL REP, 5(6): 1536-51.
84. Vargas D, Schulz-Schaeffer WJ, Wemheuer WM, Damman I, Schmitz M, Cramm M, Kallenberg K, Shirneshan K, Elkenani M, Markwort S, Faist M, Kohlhase J, Windl O, Zerr I (2013) Spongiform encephalopathy in siblings with no evidence of protease-resistant prion protein or a mutation in the prion protein gene. J NEUROL, 260(7): 1871-9.
85. Wachter R, Stahrenberg R, Gröschel K (2013) Subclinical atrial fibrillation: how hard should we look? HEART, 99(3): 151-3.
86. Wachter R, Weber-Krüger M, Gröschel K (2013) Letter by Wachter et al regarding article, "occult atrial fibrillation in cryptogenic stroke: detection by 7-day electrocardiogram versus implantable cardiac monitors". STROKE, 44(9): e111.
87. Wachter R, Weber-Krüger M, Seegers J, Edelmann F, Wohlfahrt J, Wasser K, Gelbrich G, Hasenfuß G, Stahrenberg R, Liman J, Gröschel K (2013) Age-dependent yield of screening for undetected atrial fibrillation in stroke patients: the Find-AF study. J NEUROL, 260(8): 2042-5.
88. Wagner J, Ryazanov S, Leonov A, Levin J, Shi S, Schmidt F, Prix C, Pan-Montojo F, Bertsch U, Mitteregger-Kretzschmar G, Geissen M, Eiden M, Leidel F, Hirschberger T, Deeg AA, Krauth JJ, Zinth W, Tavan P, Pilger J, Zweckstetter M, Frank T, Bähr M, Weishaupt JH, Uhr M, Urlaub H, Teichmann U, Samwer M, Bötzeli K, Groschup M, Kretzschmar H, Griesinger C, Giese A (2013) Anle138b: a novel oligomer modulator for disease-modifying therapy of neurodegenerative diseases such as prion and Parkinson's disease. ACTA NEUROPATHOL, 125(6): 795-813.
89. Wallbach M, Grüne HJ, Kitze B, Müller GA, Koziolek MJ (2013) Nephrotic syndrome in a multiple sclerosis patient receiving long-term interferon beta therapy. AM J KIDNEY DIS, 61(5): 786-9.

90. Wasser K, Karch A, Gröschel S, Witzenhausen J, Gröschel K, Bähr M, Liman J (2013) Plaque morphology detected with Duplex ultrasound before carotid angioplasty and stenting (CAS) is not a predictor of carotid artery in-stent restenosis, a case control study. *BMC NEUROL*, 13: 163.
91. Weber-Krüger M, Gröschel K, Mende M, Seegers J, Lahno R, Haase B, Niehaus CF, Edelmann F, Hasenfuß G, Wachter R, Stahrenberg R (2013) Excessive supraventricular ectopic activity is indicative of paroxysmal atrial fibrillation in patients with cerebral ischemia. *PLOS ONE*, 8(6): e67602.
92. Wemheuer WM, Wrede A, Gawinecka J, Zerr I, Schulz-Schaeffer WJ (2013) Filtration of protein aggregates increases the accuracy for diagnosing prion diseases in brain biopsies. *J NEUROPATH EXP NEUR*, 72(8): 758-67.
93. Witsch J, Bohner G, Rech J, Trendelenburg G (2013) Perivascular white matter lesion pattern in a patient with steroid-responsive encephalopathy. *J NEUROL*, 260(3): 923-4.
94. Zerr I (2013) Human prion diseases: progress in clinical trials. *BRAIN*, 136(Pt 4): 996-7.
95. Zotter S, Koch J, Schlachter K, Katzensteiner S, Dorninger L, Brunner J, Baumann M, Wolf-Magele A, Schmid H, Ulmer H, Hagpiel S, Rostasy K (2013) Neuropsychological profile of children after an episode of neuroborreliosis. *NEUROPAEDIATRICS*, 44(6): 346-53.
96. Zschüntzsch J, Schütze S, Hülsmann S, Dibaj P, Neusch C (2013) Heterologous expression of a glial Kir channel (KCNJ10) in a neuroblastoma spinal cord (NSC-34) cell line. *PHYSIOL RES*, 62(1): 95-105.

## Buchbeiträge

1. Kowarik MC, Hemmer B, Weber MS (2013) Chapter 5: The role of B cells in multiple sclerosis. In: T.Yamamura, B. Gran (Hg.) *Multiple Sclerosis Immunology*. Springer, 95-114.
2. Schmidt J, Wilichowski E (2013) Neuromuskuläres Zentrum Göttingen. In: Dengler, Neundörfer, Ganter (Hg.) *Jahrbuch der Dt. Gesellschaft für Muskelkrank e.V. und ihrer Neuromuskulären Zentren 2013*. AWS Medienverlag, Ettlingen, 45-51.
3. Zafar S, Zerr I (2013) Kinases (protein Kinases). In: Stanley Maloy and Kelly Hughes (Hg.) *Brenner's Encyclopedia of Genetics* 2nd Edition. Elsevier, 166.
4. Zerr I (2013) Human prion diseases. In: Stanley Maloy and Kelly Hughes (Hg.) *Brenner's Encyclopedia of Genetics* 2nd Edition. Elsevier, 558.
5. Zerr I, Gawinecka J, Stoeck K, Breithaupt M (2013) Diagnosis of Prion Disease: Conventional Approaches. In: Wen-Quan Zou, Pierluigi Gambetti (Hg.) *Prions and Diseases*. Springer, 201-222.
6. Zschüntzsch J (2013) Erklärung zur fehlenden Wirksamkeit von Immuntherapeutika bei der Einschlusskörpermyositis. In: Dengler, Neundörfer, Ganter (Hg.) *Jahrbuch der Dt. Gesellschaft für Muskelkrank e.V. und ihrer Neuromuskulären Zentren 2013*. AWS Medienverlag, Ettlingen, 188-193.

## Monographien

1. Zerr I (2013) Understanding Alzheimer's disease. InTech - Open Access Publisher, Rijeka, Seiten: 484.

## Habilitationen

1. Djukic M (2013) Lyme-Neuroborreliose - Diagnostische und therapeutische Aspekte. Habilitation Universität Göttingen.

## Medizinische Dissertationen

1. Dieks J, Dr. med. (2013) Liquorproteomveränderungen bei Patienten mit Lewy-Körperchen-Demenz. Dissertation Universität Göttingen.
2. Drenck KE, Dr. med. (2013) Langzeitfolgen der stattgehabten Neuroborreliose im Kindes- und Jugendalter. Dissertation Universität Göttingen.
3. Fitzner D, Dr. med. (2013) Untersuchung der oligodendroglialen Membranstruktur in einem Zellkulturmodell. Dissertation Universität Göttingen.
4. Hund O, Dr. med. (2013) Analyse neuropsychologischer Ausfallprofile bei zerebraler Mikroangiopathie. Dissertation Universität Göttingen.
5. Kühmel T, Dr. med. (2013) Diagnostische Liquorparameter der sporadischen Creutzfeldt-Jakob-Erkrankungen und häufige Differentialdiagnosen. Dissertation Universität Göttingen.
6. Nowak M, Dr. med. (2013) Untersuchung von Proteomveränderungen im Synaptosom von Patienten mit sporadischer Creutzfeldt-Jakob-Krankheit. Dissertation Universität Göttingen.

Universitätsmedizin Göttingen  
Publikationen und Hochschulschriften 2013  
**Neurologie**

7. Schnieder M, Dr. med. (2013) Entwicklung und Evaluation eines neuen Modells für Synucleinopathien. Dissertation Universität Göttingen.
8. Werner S, Dr. med. (2013) DeNoPa Kassel: Die prospektive Langzeit-Follow-up-Studie zu Biomarkern und nicht-motorischen Symptomen bei Morbus-Parkinson - Pilotstudie baseline. Dissertation Universität Göttingen.
9. Werner S, Dr. med. (2013) Dosisabhängige Aktivierung von Mikrogliazellen durch Toll-like-Rezeptoragonisten allein und in Kombination. Dissertation Universität Göttingen.
10. Wolff M, Dr. med. (2013) Genetische Polymorphismen und Progressionsgeschwindigkeit der Alzheimer Demenz. Dissertation Universität Göttingen.