

## Publikationen 2008:

Ambrosius U., Lietzenmaier S., Wehrle R., Wichniak A., Kalus S. **Winkelmann J.**, Bettecken T., Holsboer F., Yassouridis A., Friess E (2008) Heritability of sleep EEG. *Biol Psych*, 64:344-8

Bauer S, Köller M, **Cepok S**, Todorova-Rudolph A, Nowak M, Nockher A, Lorenz R, Tackenberg B, Oertel WH, Rosenow F, **Hemmer B**, Hamer HM (2008) NK- and CD4+ T cell changes in blood after seizures in temporal lobe epilepsy. *Experimental Neurology*, 211(2):370-7

Baron R, **Tölle TR**. (2008) Assessment and diagnosis of neuropathic pain. *Curr Opin Support Palliat Care*. 2(1):1-8  
Bettelli E, **Korn T**, Oukka M & Kuchroo VK. (2008) Th17 cells: Induction and effector functions. *Nature*, 453: 1051-1057. (Review)

Boecker H, Henriksen G, **Sprenger T**, Miederer I, Willoch F, **Valet M**, **Berthele A**, **Tölle TR**. Positron Emission Tomography - Ligand Activation Studies in the Sports Sciences: Measuring Neurochemistry in vivo. *Methods* 45:307-318

Boecker H, **Sprenger T**, Spilker ME, Henriksen G, Koppenhoefer M, Wagner KJ, **Valet M**, **Berthele A**, **Tölle TR** (2008) The Runner's High: Opioidergic Mechanisms in the Human Brain. *Cereb Cortex* 18(11):2523-31

Borel P, Benkhoucha M, **Weber MS**, Zamvil SS, Santiago-Raber ML, Lalive PH (2008) Glatiramer acetate treatment does not modify the clinical course of (NZB x BXSB)F1 lupus murine model. *Int Immunol* 20:1313-1319

Buttmann M, Nowak E, Kroner A, **Hemmer B**, Lesch KP, Rieckmann P (2008) Analysis of the stathmin rs182455 single nucleotide promoter polymorphism in patients with multiple sclerosis. *Journal of Neurogenetics, J Neurogenet*. 2008 Nov 15:1-7

Carolei A, Chamorro A, Laloux P, Leys D, Rother J, **Sander D**, Stansby G, Weimar C (2008) Identification and management of polyvascular disease in patients with noncardioembolic ischaemic stroke. *Int J Stroke* 3:237-248

**Cepok S**, Zhou D, Vogel F, Shiratori V, **Grummel V**, Jäckel S, Bien S, Pinilla C, Oertel W, Sommer N, **Hemmer B** (2008) Clonotypic Evolution and Contraction of CD8+ T cells during the Course of Multiple Sclerosis. *J Immunol*, submitted

Chonchol M, Gnahn H, **Sander D** (2007). Impact of subclinical carotid atherosclerosis on incident chronic kidney disease. *Nephrol Dial Transplant*. 23(8):2593

Dardalhon V, **Korn T**, Kuchroo VK & Anderson AC. (2008) Role of Th1 and Th17 cells in organ-specific autoimmunity. *Journal of Autoimmunity*, [In Press]. (Review)

Desbien AM, Chonchol M, Gnahn H, **Sander D** (2008) Kidney function and progression of carotid intima-media thickness in a community study. *Am J Kidney Dis*. 51(4):584-93

**Dresel C**, Parzinger A, Rimpau C, Zimmer C, Ceballos-Baumann AO, **Haslinger B** (2008) A new device for tactile stimulation during fMRI. *Neuroimage* 2007, 39(3):1094-103

Farrell R, Bendtzen K, Bertolotto A, Comabella M, Deisenhammer F, Fogdell-Han A, Giovannoni G, Hartung HP, **Hemmer B**, Hillert J, Kappos L, Killestein J, Lindberg R, Montalban X, Polman C, Sorensen PS (2008) Letter to the Editor. *The Journal of International Medical Research* 36:204-210

Findling O, Meier N, **Sellner J**, Nedeltchev K, Arnold M (2008) Clinical Reasoning: Rhabdomyolysis after combined treatment with simvastatin and fluconazole. *Neurology* 71:34-37

Freyenhagen R, Rolke R, Baron R, **Tölle TR**, Rutjes AK, Schu S, Treede RD (2008) Pseudoradicular and radicular low-back pain – A disease continuum rather than different entities? Answers from quantitative sensory testing. *Pain* 135:65-74

Gebhardt A, Bühler R, Wiest R, Tewald F, **Sellner J**, Humpert S, Mattle HP, Kälin-Lang A. (2009) Mycoplasma pneumoniae as a cause of neuromyelitis optica? *J Neurol* 2008; 255(8):1268-9

**Goldenberg, G.** (2008). Apraxia. In G. Goldenberg & B. Miller (Eds.) *Handbook of Clinical Neurology*, 3rd Series, Volume 88: Neuropsychology and Behavioral Neurology (pp. 323-338). Edinburgh: Elsevier.

**Goldenberg, G.** (2008). Apraxia. In L.R. Squire (Ed.) *Encyclopedia of Neuroscience* (pp. in press). Oxford: Academic Press.

- Goldenberg, G.** (2008) Apraxia and the parietal lobes. *Neuropsychologia*, (in press).
- Goldenberg, G.** (2008). Apraxie. In S. Gauggel & M. Herrmann (Eds.) *Handbuch der Neuro- und Biopsychologie* (pp. 506-520). Göttingen: Hogrefe.
- Goldenberg, G.** (2008). Apraxien. *Aktuelle Neurologie*, 35, 34-48.
- Goldenberg, G. (2008).** How the mind moves the body - lessons from apraxia. In E. Morsella, J. A. Bargh, & P. M. Gollwitzer (Eds.), *The psychology of action, Volume 2* (pp. in press). New York: Oxford University Press.
- Gündel H, **Valet M**, Sorg C, Huber D, Zimmer C, **Sprenger T, Tölle TR.** (2008) Altered cerebral response to noxious heat stimulation in patients with somatoform pain disorder. *Pain* 137(2):413-21
- Haghikia A, Ladage K, Hinkerohe D, **Vollmar P**, Heupel K, Dermietzel R, Faustmann PM (2008) Implications of antiinflammatory properties of the anticonvulsant drug levetiracetam in astrocytes. *J Neurosci Res.* 86(8):1781-8
- Happold C, Ernemann U, Roth P, Wick W, Weller M, **Schmidt F** (2008) Anticoagulation for radiation-induced neurotoxicity revisited. *J Neurooncol* 90:357-362
- Hennenlotter A, **Dresel C, Castrop F**, Ceballos-Baumann AO, Wohlschläger AM, **Haslinger B** (2008) The Link between Facial Feedback and Neural Activity within Central Circuitries of Emotion—New Insights from Botulinum Toxin-Induced Denervation of Frown Muscles. *Cerebral Cortex* Advance Access published online on June 17, 2008
- Hoffmann S, **Cepok S, Grummel V, Lehmann-Horn K**, Hackermueller J, Stadler PF, Hartung HP, **Berthele A**, Deisenhammer F, Wasmuth R, **Hemmer B.** (2008) HLA-DRB1\*0401 and HLA-DRB1\*0408 are strongly associated with the development of antibodies against interferon-beta therapy in multiple sclerosis. *Am J Hum Gen* 83(2):219-27
- Huge V, Leuchart M, Förderreuther S, Kaufhold W, **Valet M**, Azad SA, Beyer A, Magerl W (2008) Interaction of Hyperalgesia and Sensory Loss in Complex Regional Pain Syndrome Type I (CRPS I). *PLoS one* 23:2743
- Ilg R**, Burazanis S, **Wohlschläger AM**, Wöller A, Wagenpfeil S, **Mühlau M** (2008) Stimulus frequency influences spontaneous perceptual reversals in ambiguous apparent motion. *Perception & Psychophysics*, 70 (3) 437-442
- Ilg R, Wohlschläger AM**, Burazanis S, Wöller A, Nunnemann S, **Mühlau M** (2008) Neural correlates of spontaneous percept switches in ambiguous stimuli: an event-related functional magnetic resonance imaging study. *European Journal of Neuroscience* 28:2325–2332
- Ilg R, Wohlschlaeger A**, Gaser C, Liebau Y, Dauner R, Wöller A, Zimmer C, Zihl **Mühlau, M** (2008) Gray-matter increase induced by practice correlates with task-specific activation: a combined functional and morphometric MRI study. *J Neurosci*, in 28(16):4210-5.
- Junker U, Freynhagen R, Längler K, Gockel U, Schmidt U, **Tölle TR**, Baron R, Kohlmann T. (2008) Paper versus electronic rating scales for pain assessment: a prospective, randomised, cross-over validation study with 200 chronic pain patients. *Curr Med Res Opin* 24(6):1797-806
- Kastrup A, Gröschel K, Nägele T, Riecker A, **Schmidt F**, Schnaudigel S, Ernemann U (2008) Effects of age and symptom status on silent ischemic lesions after carotid stenting with and without the use of distal filter devices. *Am J Neuroradiol* 29(3):608-12
- Kastrup A, Gröschel K, Schnaudigel S, Nägele T, **Schmidt F**, Ernemann U: Target lesion ulceration and arch calcification are associated with increased incidence of carotid stenting-associated ischemic lesions in octogenarians. *J Vasc Surg* 47(1):88-95(2008)
- Kemlink D, Plazzi G, Vetrugno R, Provini F, Polo O, Stiasny-Kolster K, Oertel W, Sona Nevsimalova S, Sonka K, Högl B, Frauscher B, Hadjigeorgiou GM, Pramstaller PP, Lichtner P, Meitinger T, Müller-Myshok **Winkelmann J**. Montagna P. Suggestive evidence for linkage for restless legs syndrome on chromosome 19p13. *Neurogenetics* 2):75-82 .
- Koch A, **Lehmann-Horn K**, Dächsel JC, Gasser T, Kahle PJ, Lücking CB (2008) Proteasomal inhibition reduces parkin mRNA in PC12 and SH-SY5Y cells. *Parkinsonism and Related Disorders* XX:1-6

König FB, Wildemann B, **Nessler S**, Dun Zhou, **Hemmer B**, Metz I, Hartung HP, Kieseier BC, Brück W (2008) Persistence of immunopathological and radiological traits in multiple sclerosis. *Arch Neurol* 65(11):1527-32

**Korn T**, Mitsdoerffer M, Croxford AL, Awasthi A, Dardalhon V, Galileos G, Vollmar P, Stritesky GL, Kaplan MH, Waisman A, Kuchroo VK & Oukka M. (2008) IL-6 controls Th17 immunity *in vivo* by inhibiting the conversion of conventional T cells into Foxp3+ regulatory T cells. *Proceedings of the National Academy of Sciences of the U. S. A.* 105:18460–18465

Martin M del P, Cravens PD, Winger R, Frohman EM, Racke MK, Eagar TN, Monson NL, Zamvil SS, **Weber MS**, **Hemmer B**, Karandikar NJ, Kleinschmidt-DeMasters BK, Stüve O (2008) Decrease in the Numbers of Dendritic Cells at CD4+ T Cells in Cerebral Perivascular Spaces Due to Natalizumab. *Archives of Neurology* 65(12): 65:1596-1603

Martin M del P, Cravens PD, Winger R, Kieseier BC, Cepok S, Eagar TN, Zamvil SS, **Weber MS**, Frohman EM, Kleinschmidt-DeMasters BK, Montine TJ, **Hemmer B**, Marra CM, Stüve O. Rituximab depletes B Lymphocytes from cerebral perivascular spaces. *Archives of Neurology* 65:1596-1603

Menge T, Weber MS, **Hemmer B**, Kieseier BC, v. Büdingen HC, Warnke C, Zamvil SS, Boster A, Khan O, Hartung HP, Stüve O (2008) Disease-Modifying Agents for Multiple Sclerosis. *Recent Advances and Future Prospects. Drugs* 68 (17): 2445-2468

Menon S., **Sellner J**, Meyding-Lamadé U. Chronische Meningoenzephalitis. In: Neurointensiv. Ed. S. Schwab, P. Schellinger, C. Werner, A. Unterberg & W. Hacke. Springer-Verlag, 2. Auflage (2008). pp. 491-557.

Meyding-Lamadé U, **Sellner J**, Menon S. Akute Meningoenzephalitis. In: Neurointensiv. Ed. S. Schwab, P. Schellinger, C. Werner, A. Unterberg & W. Hacke. Springer-Verlag, 2. Auflage (2008). pp. 491-557.

Miederer I, Ziegler SI, Liedtke C, Spilker ME, Miederer M, **Sprenger T**, Wagner KJ, Drzezga A, Boecker H. Kinetic Modeling of [<sup>11</sup>C]flumazenil using Data-Driven Methods. *Eur J Nucl Med Mol I*, in press.

**Mühlau M**, Wohlschläger AM, Gaser C, Valet M, Weindl A, Nunnemann S, Peinemann A, Etgen T, **Jg R** (2008) Voxel-based morphometry in individual patients: a pilot study in early Huntington's disease. *American Journal of Neuroradiology* (in press)

Mulert C, **Seifert C**, Leicht G, Kirsch V, Ertl M, Karch S, Moosmann M, Lutz J, Möller HJ, Hegerl U, Pogarell O, Jäger L (2008) Single-trial coupling of EEG and fMRI reveals the involvement of early anterior cingulate cortex activation in effortful decision making. *Neuroimage* 42(1):158-68

Rieckmann P, Toyka KV, Bassetti C, Beer K, Beer S, Buettner U, Chofflon M, Götschi-Fuchs M, Hess K, Kappos L, Kesselring J, Goebels N, Ludin HP, Mattle H, Schlupe M, Vaney C, Baumhackl U, Berger T, Deisenhammer F, Fazekas F, Freimüller M, Kollegger H, Kristoferitsch W, Lassmann H, Markut H, Strasser-Fuchs S, Vass K, Altenkirch H, Bamborschke S, Baum K, Benecke R, Brück W, Dommasch D, Elias WG, Gass A, Gehlen W, Haas J, Haferkamp G, Hanefeld F, Hartung HP, Heesen C, Heidenreich F, Heitmann R, **Hemmer B**, Hense T, Hohlfeld R, Janzen RW, Japp G, Jung S, Jügel E, Koehler J, Kölmel W, König N, Lowitzsch K, Manegold U, Melms A, Mertin J, Oschmann P, Petereit HF, Pette M, Pöhlau D, Pohl D, Poser S, Sailer M, Schmidt S, Schock G, Schulz M, Schwarz S, Seidel D, Sommer N, Stangel M, Stark E, Steinbrecher A, Tumani H, Voltz R, Weber F, Weinrich W, Weissert R, Wiendl H, Wiethölter H, Wildemann U, Zettl UK, Zipp F, Zschenderlein R, Izquierdo G, Kirjazovas A, Packauskas L, Miller D, Koncan V, Racko B, Millers A, Orolagas A, Panellus M, Sindic CJ, Bratic M, Svraka A, Vella NR, Stelmasiak Z, Selmaj K, Bartosik-Psujik H, Mitosek-Szewczyk K, Belniak E, Mochecka A, Bayas A, Chan A, Flachenecker P, Gold R, Kallmann B, Leussink V, Mäurer M, Ruprecht K, Stoll G, Weilbach FX; Multiple Sclerosis Therapy Consensus Group (MSTCG) (2008) Basic and escalating immunomodulatory treatments in multiple sclerosis-Current therapeutic recommendations. *Journal of Neurology* 251(11):1329-39

Nischwitz V, **Berthele A**, Michalke A (2008) Speciation analysis of selected metals and determination of their total contents in paired serum and cerebrospinal fluid samples: An approach to investigate the permeability of the human blood-cerebrospinal fluid-barrier. *Analytica Chimica Acta* 627(2):258-69

**Poppert H**, Morschhaeuser M, Bockelbrink A, Schwarze J, **Feurer R**, **Esposito L**, Heider P, **Sander D**, **Hemmer B** (2008) Lack of association between right-to-left shunt and cerebral ischemia after adjustment for gender and age. *Journal of Negative Results in BioMedicine* 2008 7:7

Quintana FJ, Basso AS, Iglesias AH, **Korn T**, Farez MF, Bettelli E, Caccamo M, Oukka M, Weiner HL (2008) Control of T(reg)17 cell differentiation by the aryl hydrocarbon receptor. *Nature* 453:65-71

**Sander K**, Bickel H, Horn CS, Huntgeburth U, Poppert H, **Sander D** (2008) Peripheral arterial disease: predictors and treatment, based on the two-year data of the INVADE study. *Dt Med Wschr* 133:455-459

**Sander D**, **Poppert H**, **Sander K** (2008) Rehabilitation des Schlaganfalls. Funktionelle Besserung über multimodale Therapieansätze. *Der Klinikarzt* 37: 303-308

**Sander K**, **Sander D** (2008) Primär- und Sekundärprävention und Akuttherapie ischämischen Schlaganfalls bei Patienten mit Diabetes mellitus. *INFO Neurol und Psych* 10:42-47

**Sander D**, **Sander K**, Etgen T (2008) Nichtmedikamentöse Prophylaxe des Schlaganfalls. *Akt Neurol* 35: 302-318

**Sander D**, **Sander K**, Poppert P (2008) Stroke risk and Diabetes. *Br J Diab & Vasc Dis* (in press)

**Sander D**, Schwertfeger M, Koefuncue E, Diehm C, Pittrow D (2008) Secondary prevention with clopidogrel or acetylsalicylic acid after cerebrovascular event - Prospective cross-sectional study in primary care. *Dt. Med Wschr* 133:1773-1778

**Schmidt F**, Knobbe C, Frank B, Wolburg H, Weller M (2008) The topoisomerase II inhibitor, genistein, induces G2/M arrest and apoptosis in human malignant glioma cell lines. *Oncology Reports* 19:1061-6

Schormair B, Kemlink D, Roeske D, Eckstein G, Xiong L, Lichtner P, Ripke S, Trenkwalder C, Zimprich A, Stiasny-Kolster K, Oertel W, Bachmann CG, Paulus W, Högl B, Frauscher B, Gschliesser V, Poewe W, Peglau I, Vodicka P, Vavrova J, Sonka K, Nevsimalova S, Montplaisir J, Turecki G, Rouleau G, Gieger C, Illig T, Wichmann HE, Holsboer F, Müller-Myhsok B, Meitinger T, **Winkelmann J** (2008) PTPRD (protein tyrosine phosphatase receptor type delta) is associated with restless legs syndrome. *Nature Genetics*. 40 (8): 946-948

Schurr C, **Berthele A**, Burghartz M, Kiefer J. (2008) Spontaneous bilateral necrosis of the tongue: a manifestation of giant cell arteriitis? *Eur Arch Otorhinolaryngol* 265(8):993-8

**Schweikert A**, **Berthele A**, **Hemmer B** (2008) State of the Art – Multiple Sklerose. *PharmaFokus ZNS* 5:6-8

**Seifert CL**, **Nitzsche D**, **Valet M**, **Tölle TR**, **Sprenger T**. (2008) Kontakthitze evozierte Potentiale: eine diagnostische Option für die Evaluation des Schmerzsystems. *Nervenarzt* 79(8):899-907

**Seifert CL**, **Woeller A**, **Valet M**, Zimmer C, **Berthele A**, **Tölle T**, **Sprenger T** (2008) Headaches and pineal cyst: a case-control study. *Headache*. 2008 48(3):448-52

**Sellner J**, Greeve I, Leib SL, Mattle HP (2008) Atorvastatin does not alter interferon-beta induced changes of serum MMP-9 and TIMP-1 in multiple sclerosis patients. *Arch Neurol* 65(5):672-4

**Sellner J**, Greeve I, Findling O, Kamm C, Minten C, Engelhardt B, Grandgirard D, Leib SL, Mattle HP (2008) Effect of interferon-beta and atorvastatin on Th1/Th2 serum cytokine levels in multiple sclerosis. *Neurochem Int* 53(1-2):17-21

**Sellner J**, Greeve I, Mattle HP (2008) Atorvastatin decreases high sensitivity C-reactive protein (CRP) in multiple sclerosis. *Mult Scler* 14(7):981-4

**Sellner J**, Greeve I, Findling O, Mattle HP (2008) Atorvastatin does not alter serum levels of sCD95 and sCD95L in multiple sclerosis. *Clin Exp Immunol* 52(2):280-4

**Sellner J**, Luethi N, Buehler R, Gebhardt A, Findling O, Greeve I, Mattle HP (2008) Acute partial transverse myelitis: risk factors for conversion to multiple sclerosis. *Eur J Neurol* 15(5):532-532

**Sellner J**, Ringer R, Schmitt B, Perez-Jonzier C, Baumann P, Leib SL (2008) Effect of the NMDA-Receptor antagonist dextrometorphan in infant rat pneumococcal meningitis. *Curr Drug Metab* 9(1):83-8.

**Sprenger T**, **Berthele A**, Wagner KJ, Baron R, **Tölle TR** (2008) Increased sensitivity to pain during long-term opiate treatment is not a general contraindication for opiate medication. *Nervenarzt* 79:971-972

**Sprenger T, Seifert CL, Miederer M, Valet M, Tölle TR** (2008) Successful prophylactic treatment with Levomethadone in otherwise therapy refractory chronic cluster headache. *J Neurol*, in press

Straube A, Empl M, Ceballos-Baumann A, **Tölle TR**, Stefenelli U, Pfaffenrath V (2008) Pericranial injection of botulinum toxin type A (Dysport (R)) for tension-type headache - A multicentre, double-blind, randomized, placebo-controlled study. *Eur J Neurol* 15 (3) 205-213

Stüve O, Leussink VI, Fröhlich R, **Hemmer B**, Hartung HP, Menge T, Kieseier BC (2008) Long-term B cell depletion with rituximab in a patient with relapsing remitting multiple sclerosis. *Arch Neurol* (in press)

Stüve O, Bennett JL, **Hemmer B**, Wiendl H, Racke MK, Bar-Or A, Hu W, Zivadinov R, **Weber MS**, Zamvil SS, Pacheco MF, Menge T, Hartung HP, Kieseier BC, Frohman EM (2008) Pharmacological Treatment of Early Multiple Sclerosis. *Drugs*. 2008;68(1):73-83

Stüve O, Cravens PD, Frohman EM, Phillips JT, Remington GM, von Geldern G, **Cepok S**, Singh MP, Cohen Tervaert JW, De Baets M, MacManus D, Miller DH, Radü EW, Cameron EM, Monson NL, Zhang S, Kim R, **Hemmer B**, Racke MK. Immunological and clinical status 14 months after cessation of natalizumab therapy. *Neurology*. Published Ahead of Print on November 5, 2008

Timmermann L, Braun M, Groiss S, Wojtecki L, Ostrowski S, Krause H, Pollok B, Sudmeyer M, **Ploner M**, Gross J, Maarouf M, Voges J, Sturm V, Schnitzler A (2008) Differential effects of levodopa and subthalamic nucleus deep brain stimulation on bradykinesia in Parkinson's disease. *Mov Dis* 23:218-227

Timmermann L, Butz M, Gross J, **Ploner M**, Sudmeyer M, Kircheis G, Haussinger D, Schnitzler A (2008) Impaired cerebral oscillatory processing in hepatic encephalopathy. *Clin Neurophysiol* 119:265-272

**Tölle TR**, Freyhagen R, Versavel M, Trostmann U, Young JP (2008) Pregabalin for relief of neuropathic pain associated with diabetic neuropathy: a randomized, double-blind study. *Eur J Pain* 12:203-213

**Valet M**, Pfab F, **Sprenger T**, Wöller A, Zimmer C, Behrendt H, Ring J, Darsow U, **Tölle TR** (2008). Cerebral processing of histamine-induced itch using short-term alternating temperature modulation - an fMRI study, *J. Invest. Dermatol.* 128 (2) 426-433

**Valet M**, et al. (2008) VBM bei somatoformer Schmerzstörung. *Psychosomatic Medicine*

**Vollmar P, Nessler S, Kalluri SR, Hartung HP, Hemmer B** (2008) The antidepressant venlafaxine ameliorates murine experimental autoimmune encephalomyelitis by suppression of proinflammatory cytokines. *The International Journal of Neuropsychopharmacology* 16:1-12

Wagner KJ, **Valet M**, Kochs EF, Kriner M, **Tölle TR, Sprenger T**. The mu opioid receptor agonist remifentanyl induces acute dysphoria irrespective of its analgesic properties. *J Psychopharmacol* in press.

Wiech K, **Ploner M**, Tracey I (2008) Neurocognitive aspects of pain perception. *Trends in Cognitive Sciences* 703:1-8

Wiesemann E, Deb M, Trebst C, **Hemmer B**, Stangel M, Windhagen A (2008) Effects of interferon- $\beta$  on co-signaling molecules: upregulation of CD40, CD86 and PD-L2 on monocytes in relation to clinical response to interferon- $\beta$  treatment in patients with multiple sclerosis. *Mult Scler*. 2008;14(2): 166-76

Wiesemann E, Deb M, **Hemmer B**, Radeke HH, Windhagen A (2008) Early identification of interferon- $\beta$  responders by ex vivo testing in patients with multiple sclerosis. *Clin Immunol*. 128(3):306-13

**Winkelmann J** (2008) Genetics of restless legs syndrome. *Curr Neurol Neurosci Rep* 8(3):211-6.

**Winkelmann J**, Lichtner P, Schormair B, Uhr M, Hauk S, Stiasny-Kolster K, Trenkwalder C, Paulus W, Peglau I, Eisensehr I, Illig T, Wichmann HE, Pfister H, Golic J, Bettecken T, Pütz B, Holsboer F, Meitinger T, Müller-Myhsok B (2008) Variants in the Neuronal Nitric Oxide Synthase (nNOS, NOS1) Gene are Associated with Restless Legs Syndrome. *Movement Disorders* 23:350-8

**Winkelmann J**, Müller-Myhsok B (2008) Genetics of Restless legs syndrome: a burning urge to move. *Neurology* 70(9):664-5

Wittsack HJ, **Wohlschläger AM**, Ritzl EK, Kleiser R, Cohnen M, Seitz RJ, Mödler U (2008) CT-perfusion imaging of the human brain: Advanced deconvolution analysis using circulant singular value decomposition. *Computerized Medical Imaging and Graphics*.32(1):67-77

Wöller A, Plenagl K, **Ilg R**, Stimmer H, **Mühlau M** (2008) Neuralgische Schulter- amyotrophie oder Vertebralisdissektion? Eine abwegige Differenzialdiagnose? *Nervenarzt*. 79(2):209-11

Xiao S, Jin H, **Korn T**, Liu SM, Oukka M, Lim B & Kuchroo VK. (2008) Retinoic acid increases Foxp3 regulatory T cells and inhibits development of Th17 cells by enhancing TGF- $\beta$ -driven Smad3 signaling and inhibiting IL-6 and IL-23 receptor expression. *Journal of Immunology* 181(4):2277-84