

Publikationsliste Dr. med. Nikolai Pfender

Originalarbeiten

Pfender N, Rosner J, Zipser CM, Friedl S, Vallotton K, Sutter R, Klarhoefer M, Schubert M, Betz M, Spirig JM, Seif M, Hubli M, Freund P, Farshad M, Curt A, Hupp M. (2022). Comparison of axial and sagittal spinal cord motion measurements in degenerative cervical myelopathy. *J Neuroimaging*. 2022 Nov;32(6):1121-1133. doi: 10.1111/jon.13035. Epub 2022 Aug 12.
(peer reviewed Journal, Erstautor)

Zipser CM, **Pfender N**, Kheram N, Boraschi A, Aguirre J, Ulrich NH, Spirig JM, Ansorge A, Betz M, Wanivenhaus F, Hupp M, Kurtcuoglu V, Farshad M, Curt A, Schubert M. (2022). Intraoperative Monitoring of CSF Pressure in Patients with Degenerative Cervical Myelopathy (COMP-CORD Study): A Prospective Cohort Study. *J Neurotrauma*. 2022 Feb;39(3-4):300-310. doi: 10.1089/neu.2021.0310.
(peer reviewed Journal, Co-Author)

Kheram N, **Pfender N**, Boraschi A, Farshad M, Kurtcuoglu V, Curt A, Schubert M, Zipser CM. (2022). Cerebrospinal fluid pressure dynamics reveal signs of effective spinal canal narrowing in ambiguous spine conditions. *Front Neurol*. 2022 Aug 9;13:951018. doi: 10.3389/fneur.2022.951018. eCollection 2022.
(peer reviewed Journal, Co-Author)

David G, Pfyffer D, Vallotton K, **Pfender N**, Thompson A, Weiskopf N, Mohammadi S, Curt A, Freund P. (2021). Longitudinal changes of spinal cord grey and white matter following spinal cord injury. *J Neurol Neurosurg Psychiatry*. 2021 Nov;92(11):1222-1230. doi: 10.1136/jnnp-2021-326337. Epub 2021 Aug 2.
(peer reviewed Journal, Co-Author)

Vallotton K, David G, Hupp M, **Pfender N**, Cohen-Adad J, Fehlings MG, Samson RS, Wheeler-Kingshott CAMG, Curt A, Freund P, Seif M. (2021). Tracking White and Gray Matter Degeneration along the Spinal Cord Axis in Degenerative Cervical Myelopathy. *J Neurotrauma*. 2021 Nov 1;38(21):2978-2987. doi: 10.1089/neu.2021.0148. Epub 2021 Aug 3.
(peer reviewed Journal, Co-Author)

Zipser CM, Spirig JM, Aguirre J, Hofer AS, **Pfender N**, Hupp M, Curt A, Farshad M, Schubert M. (2021). Safety and Feasibility of Lumbar Cerebrospinal Fluid Pressure and Intraspinal Pressure Studies in Cervical Stenosis: A Case Series. *Acta Neurochir Suppl*. 2021;131:367-372. doi: 10.1007/978-3-030-59436-7_70.
(peer reviewed Journal, Co-Author)

Hupp, M., **Pfender, N.**, Vallotton, K., Rosner, J., Friedl, S., Zipser CM., Sutter, R., Klarhöfer, M., Spirig, JM., Betz, M., Schubert, M., Freund, P., Farshad, M., Curt A. (2021), The Restless Spinal Cord in Degenerative Cervical Myelopathy. *AJNR Am J Neuroradiol*. 2021 Mar;42(3):597-609. doi: 10.3174/ajnr.A6958. Epub 2021 Feb 4.
(peer reviewed Journal, Co-Author)

Zipser CM, **Pfender N**, Spirig JM, Betz M, Aguirre J, Hupp M, Farshad M, Curt A, Schubert M. (2020). Study protocol for an observational study of cerebrospinal fluid pressure in patients with degenerative cervical myelopathy undergoing surgical decompression of the spinal cord: the COMP-CORD study. *BMJ Open*. 2020 Sep 21;10(9):e037332. doi: 10.1136/bmjopen-2020-037332.
(peer reviewed Journal, Co-Author)

Birkhäuser V, Liechti MD, Anderson CE, Bachmann LM, Baumann S, Baumberger M, Birder LA, Botter SM, Büeler S, Cruz CD, David G, Freund P, Friedl S, Gross O, Hund-Georgiadis M, Husmann K, Jordan X, Koschorke M, Leitner L, Luca E, Mehnert U, Möhr S, Mohammadzade F, Monastyrskaya K, **Pfender N**, Pohl D, Sadri H, Sartori AM, Schubert M, Sprengel K, Stalder SA, Stoyanov J, Stress C, Tatu A, Tawadros C, van der Lely S, Wöllner J, Zubler V, Curt A, Pannek J, Brinkhof MWG, Kessler TM. (2020). TASCI-transcutaneous tibial nerve stimulation in patients with acute spinal cord injury to prevent neurogenic detrusor overactivity: protocol for a nationwide, randomised, sham-controlled, double-blind clinical trial. *BMJ Open*. 2020 Aug 13;10(8):e039164. doi: 10.1136/bmjopen-2020-039164.

(peer reviewed Journal, Co-Author)

Pfender, N, Jelcic, I, Linnebank, M, Schwarz, U and Martin R. (2015). Reactivation of herpesvirus under fingolimod: A case of severe herpes simplex encephalitis. *Neurology*. 2015 Jun 9;84(23):2377-8
(peer reviewed Journal, Erstautor)

Pfender, N, Linnebank, M, Sommerauer, M. and Tarnutzer AA. (2015). Neurosyphilis presenting as a new lateralized movement disorder. *J Clin Neurosci*. 2015 Oct; 22(10):1682.3
(peer reviewed Journal, Erstautor)

Luckey, U, Schmidt, T, **Pfender, N**, Romer, M, Lorenz, N, Martin, SF, Bopp, T, Schmitt, E, Nikolaev, A, Yogev, N, Waisman, A, Jakob, T and Steinbrink, K. (2012). Crosstalk of regulatory T cells and tolerogenic dendritic cells prevents contact allergy in subjects with low zone tolerance. *J Allergy Clin Immunol* 130(3): 781-797.e11.
(peer reviewed Journal, Co-Autor)

Pfender, N, Lucassen, R, Offermann, N, Schulte-Pelkum, J, Fooke M and Jakob, T. (2012). Evaluation of a novel rapid test system for the detection of specific IgE to hymenoptera venoms. *J Allergy (Cairo)* 2012: 862023.
(peer reviewed Journal, Erstautor)

Hofmann, SC, **Pfender, N**, Weckesser, S, Huss-Marp J and Jakob, T. (2011). Added value of IgE detection to rApi m 1 and rVes v 5 in patients with hymenoptera venom allergy. *J Allergy Clin Immunol* 127: 265-267.
(peer reviewed Journal, geteilte Erstautorenschaft)

Korrespondenz

Hofmann, SC, **Pfender, N**, Weckesser, S, Blank, S, Huss-Marp, J, Spillner, E and Jakob, T. (2011). Detection of IgE to a panel of species specific allergens further improves discrimination of bee and wasp venom allergy. *J Allergy Clin Immunol* 128: 248.
(peer reviewed Journal, Co-Autor)

In Reply to: Sturm, GJ et al. Detection of IgE to recombinant Api m 1 and rVes v 5 is valuable but not sufficient to distinguish bee from wasp venom allergy. *J Allergy Clin Immunol* 128: 247-248.

Übersichtsarbeiten

Pfender, N, Schubert, M. (2022). Stellenwert der neurophysiologischen Untersuchung bei Rückenschmerzen. *Rheuma Schweiz Fachzeitschrift* 2022; 14. Jahrgang, Nr. 4
(Journal ohne peer review, Erstautor)

Pfender, N and Martin, R. (2014). Daclizumab (anti-CD25) in Multiple Sclerosis. *Exp Neurol*. 2014 Dec; 262
(peer reviewed Journal, Erstautor)

Pfender, N, Saccardi, R and Martin, R. (2013). Autologous hematopoietic stem cell transplantation as treatment option for aggressive multiple sclerosis. *Curr Treat Options Neurol* 15(3): 270-80
(peer reviewed Journal, Erstautor)

Jakob, T, **Pfender, N**, König, T, Kunz, S and Martin SF. (2009). Changing concepts of Langerhans cell biology. *Allergologie* 32 (12): 462-468.
(Journal ohne peer review, Co-Autor)

Abstracts mit Vortrag

Hofmann, SC, **Pfender, N**, Weckesser, S, Blank, S, Huss-Marp, J, Spillner E and Jakob, T. (2011). Improved diagnostics in Hymenoptera venom allergy by analysis of IgE to species-specific major allergens Api m 1, Api m 2, Api m 4, Ves v 1 and Ves v 5. 9. Arbeitsgespräch zur Insektengiftallergie der DGAKI, Landshut

Pfender, N, Luckey, U, Martin, SF, Steinbrink, K and Jakob, T. (2011). Significance and cellular source of IL-10 in low zone tolerance. 23. Mainzer Allergie Workshop, Frühjahrstagung der DGAKI, Mainz

Pfender, N, Kunz, S, Sparwasser, T, Karp, C, Steinbrink, K, Martin, SF and Jakob, T. (2010). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. 5. Deutscher Allergiekongress der DGAKI, Hannover

Hofmann, SC, **Pfender, N**, Weckesser, S, Huss-Marp, J and Jakob, T. (2010). Added value of IgE detection to rApi m 1 and rVes v 5 in patients with Hymenoptera venom allergy. 29th Congress of the European Academy of Allergy and Clinical Immunology, London, England

Pfender, N, Kunz, S, Sparwasser, T, Karp, C, Steinbrink, K, Martin, SF and Jakob, T. (2010). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. World Immune Regulation Meeting IV, Davos, Schweiz

Pfender, N, Kunz, S, Sparwasser, T, Karp, C, Steinbrink, K, Martin, SF and Jakob, T. (2010). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. 22. Mainzer Allergie Workshop, Frühjahrstagung der DGAKI, Mainz. (DGAKI Vortragspreis „Das Beste aus Mainz“)

Pfender, N, Koenig, T, Martin, SF and Jakob, T. (2009). Mechanisms of tolerance induction in murine models of allergic diseases. Vortrag auf dem Doktoranden-Kolloquium der Landesstiftung Baden-Württemberg, Förderzweig Allergologie 2

Abstracts mit Posterpräsentation

Luckey, U, **Pfender, N**, Lorenz, N, Schmidt, T, Martin, SF, Jakob, T and Steinbrink, K. (2011). Interplay between CD4+CD25+ regulatory T cells, tolerogenic CD11c+ dendritic cells and CD8+ suppressor T cells is critical for tolerance to contact allergens. Forschungstag Lebenswissenschaften 2011 der Baden-Württembergstiftung, Heidelberg

Pfender, N, Luckey, U, Lorenz, N, Schmidt, T, Martin, SF, Schmitt, E, Steinbrink, K and Jakob, T. (2011). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. 30th Congress of the European Academy of Allergy and Clinical Immunology, Istanbul, Türkei

Luckey, U, **Pfender, N**, Lorenz, N, Schmidt, T, Martin, SF, Jakob, T and Steinbrink, K. (2011). Interplay between CD4+CD35+ regulatory T cells, tolerogenic CD11c+ dendritic cells and CD8+ suppressor T cells is critical for tolerance to contact allergens. 38. Jahrestagung der Arbeitsgemeinschaft Dermatologische Forschung, Tübingen

Pfender, N, Mahler, M, Offermann, N, Fooke, M and Jakob, T. (2010). Comparison between two systems for the detection of specific IgE to bee and wasp venom. 29th Congress of the European Academy of Allergy and Clinical Immunology, London, England

Pfender, N, Mahler, M, Offermann, N, Lucassen, R, Fooke, M and Jakob, T. (2010). Evaluation of a novel rapid test system for the detection of specific IgE to bee and wasp venom. 29th Congress of the European Academy of Allergy and Clinical Immunology, London, England

Pfender, N, Lucassen, R, Mahler, M, Offermann, N, Fooke, M and Jakob, T. (2010). Evaluation of a novel rapid test system for the detection of specific IgE to cross-reactive carbohydrates. 29th Congress of the European Academy of Allergy and Clinical Immunology, London, England

Pfender, N, Kunz, S, Sparwasser, T, Karp, C, Steinbrink, K, Martin, SF and Jakob, T. (2010). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. 29th Congress of the European Academy of Allergy and Clinical Immunology, London, England

Pfender, N., Kunz, S., Sparwasser, T., Karp, C., Steinbrink, K., Martin, S. F. and Jakob, T. (2010). Regulatory T cells and the cellular source of IL-10 in low zone tolerance. 8th EAACI-GA²LEN Immunology Winter School, Grainau Garmisch-Partenkirchen

Pfender, N, Kunz, S, Sparwasser, T, Steinbrink, K, Martin, SF and Jakob, T. (2009). Mechanisms of low zone tolerance in a mouse model of allergic contact dermatitis. 3rd German Meeting on Immune Regulation, Berlin-Schmöckwitz

Weitere (ausgewählte) Vorträge

Pfender, N. Intrathecal Baclofen in the therapy of severe spasticity. Seminar of the Neuroimmunology and MS Research, University Hospital Zurich, Switzerland. 09.03.2022

Pfender, N. Diabetische Polyneuropathie – Diagnostik und Therapie. 9. Symposium zum diabetischen Fuss. Universitätsklinik Balgrist, Schweiz. 04.11.2021

Pfender, N. Polyneuropathie – Diagnostik und Therapie. 8. Symposium «Neues zum diabetischen Fuss-Syndrom». Universitätsklinik Balgrist, Schweiz. 07.11.2019

Pfender, N. HSV Encephalitis under Fingolimod. Multiple Sklerose Symposium UniversitätsSpital Zürich. 19.06.2014

Lehre

Pfender, N and Hupp, M. Spinal Cord Motion – Update on its Significance. Kurs 834 Aktuelle Probleme der Paraplegie, Universität Zürich.

Seit 2020 Dozent am Bildungszentrum Gesundheit und Soziales Chur für Paraplegie im Rahmen des Nachdiplomstudium Höhere Fachschule Intensivpflege (NDS HF IP)

Seit 2019 im Rahmen des UZH Kurses Neurologie (Untersuchungskurs Paraplegie)