

UNIV.-PROF. DR. FRANK BIRKLEIN

Date of birth: May 26, 1964
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Current position: Professor of Neurology, W2 a.L. Dept. Neurology, UMC Mainz
Children: two (* 1995, *1998)

CURRICULUM VITAE

University education

1985-1991 Medical School (Univ. Erlangen, Germany)

Scientific degrees

1992 Medical Thesis; Long term prognostic factors for the intertrochanteric osteotomy of the hip, Dept. of Orthopedics, Univ. Erlangen, Germany
1999 German Habilitation Complex Regional Pain Syndromes, mentor: Prof. Neuendorfer, Univ. Erlangen, Germany

Professional experience

1991-1992 Internship, Dept. of Neurology and Physiology, University of Erlangen, Germany
1993-1999 Fellow, Departments for Physiology and experimental Pathophysiology, of Neurology and of Psychiatry, University of Erlangen, Germany
1999-2002 Assistant Professor at the Dept. of Neurology, University Erlangen
since 11/2002 University Professor, Head of Section on Pain Research and Pain Treatment, Lecturer in Neurology, Clinical Neurologist, Pain Therapist Department of Neurology, University Medical Centre Mainz, Germany

Awards and honors

1998 Körnmüller Award, German Society for Clinical Neurophysiology
2000 Sertürner Award, Sertürner Society, Einbeck, Germany
2004, 2009 Clinical Research Award, German Foundation for the Study of Pain
2012-2015 Adjunct Professor; Murdoch University, School of Psychology, Perth, WA
2014 Plenary lecture World Congress on Pain, Buenos Aires
2016 Plenary lecture British Pain Society, Harrogate, GB

Editorial boards:

since 2005 Editorial board "Neurology"
since 2006 Section Editor "European Journal of Pain"
since 2009 Editorial board "Pain Medicine"

Memberships, panels and coordinating functions:

Memberships: IASP, Dt. Schmerzgesellschaft, AAN
2008, 2010 Scientific Committee German Clinical Neurophysiology Kongress

Max. 10 most important publications

1. **Birklein F**, Walther D, Bigalke H, Winterholler M, Erbguth F. Sudomotor testing predicts the presence of neutralizing botulinum A toxin antibodies. *Ann Neurol* 2002; 52(1):68-73.
2. Kramer HH, Rolke R, Bickel A, **Birklein F**. Thermal thresholds predict painfulness of diabetic neuropathies. *Diabetes Care*. 2004 Oct;27(10):2386-91.
3. Maihofner C, Handwerker HO, **Birklein F**. Functional imaging of allodynia in complex regional pain syndrome. *Neurology*. 2006 Mar 14;66(5):711-7.
4. C. Geber, W. Magerl, R. Fondel, M. Fechir, R. Rolke, T. Vogt, R. D. Treede, and **F. Birklein**. Numbness in clinical and experimental pain - A cross-sectional study exploring the mechanisms of reduced tactile function. *Pain* 139:73-81, 2008.
5. Klega A, Eberle T, Buchholz HG, Maus S, Maihöfner C, Schreckenberger M, **Birklein F**. Central opioidergic neurotransmission in complex regional pain syndrome. *Neurology*. 2010 Jul 13;75(2):129-36.
6. Rodriguez-Raecke R, Doganci B, Breimhorst M, Stankewitz A, Buchel C, **Birklein F**, May A. Insular cortex activity is associated with effects of negative expectation on nociceptive long-term habituation. *J Neurosci* 2010; 30(34):11363-11368.
7. Baier B, Dieterich M, Stoeter P, **Birklein F**, Müller NG (2009) Anatomical correlate of impaired covert visual attentional processes in patients with cerebellar lesions, *J Neurosci*, 2010 Jul 21;30(29):9788-92
8. Marinus J, Moseley GL, **Birklein F**, Baron R, Maihöfner C, Kingery WS, van Hilten JJ. Clinical features and pathophysiology of complex regional pain syndrome. *Lancet Neurol*. 2011 Jul;10(7):637-48.
9. Geber C, Breimhorst M, Burbach B, Egenolf C, Baier B, Fechir M, Koerber J, Treede RD, Vogt T, **Birklein F**. Pain in chemotherapy-induced neuropathy – more than neuropathic? *Pain*. 2013 Dec;154(12):2877-87.
10. **Birklein F**, O'Neill D, Schlereth T. Complex Regional Pain Syndrome (CRPS) – an optimistic perspective; *Neurology*. 2015 Jan 6;84(1):89-96.