UNIV.-PROF. DR. FRANK BIRKLEIN

Date of birth: May 26, 1964
Gender: male

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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.
                      Neuendörfer, 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 2002   University Professor, Head of Section on Pain Research and Pain
                      Treatment, Clinical Neurologist, Pain Therapist, Department of Neurology,
                      University Medical Centre Mainz, Germany
since 2020   Head of Clinic, 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:

2005-2020   "Neurology"
since 2006   "European Journal of Pain"
since 2009   "Pain Medicine"

Memberships, panels and coordinating functions:

Memberships: IASP, Dt. Schmerzgesellschaft, AAN, DGKN, DGN
2008, 2010, 2021   Scientific Committee German Clinical Neurophysiology Congress

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. 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.

6. 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.

7. Hirsch S, Ibrahim A, Krämer L, Escolano-Lozano F, Schlereth T, **Birklein** F. Bone Trauma Causes Massive but Reversible Changes in Spinal Circuitry. J Pain. 2017 PMID: 28062308.

8. **Birklein** F, Ajit SK, Goebel A, Perez RSGM, Sommer C. Complex regional pain syndrome - phenotypic characteristics and potential biomarkers. Nat Rev Neurol. 2018 May;14(5):272-284.

9. Dietz C, Müller M, Reinhold AK, Karch L, Schwab B, Forer L, Vlckova E, Brede EM, Jakubietz R, Uçeyler N, Meffert R, Bednarik J, Kress M, Sommer C, Dimova V, **Birklein** F*, Rittner HL*. What is normal trauma healing and what is complex regional pain syndrome I? An analysis of clinical and experimental biomarkers. Pain. 2019 Oct;160(10):2278-2289.* equal contribution

10. Dimova V, Herrnberger MS, Escolano-Lozano F, Rittner HL, Vlckova E, Sommer C, Maihöfner C, **Birklein** F. Clinical phenotypes and classification algorithm for complex regional pain syndrome. Neurology. 2020 Jan 28;94(4):e357-e367.