

PROF. DR. CLEMENS FORSTER

Date of birth November 5, 1956

Gender male

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Current position: Associate Professor, Institute of Physiology 1

CURRICULUM VITAE

University education

1978-1984 Study of Computer Sciences at the Universities of Heilbronn & Heidelberg, Germany

Scientific degrees

1989 Conferral of a doctorate in human sciences. Title: "Analysis of multiunit recordings in microneurography". Dept. Physiology, Univ. Heidelberg, Germany

1996 German Habilitation on the analysis of the function of human c-fibers. Mentor: Prof. Handwerker, Univ. Erlangen, Germany

Professional experience

1984-1986 PhD student at the Department of Physiology, University of Heidelberg, Germany

1986-1989 PhD student at the Department of Physiology, University of Erlangen, Germany

1990-1996 Postdoctoral fellow at the Department of Physiology, University of Erlangen, Germany

1996-2003 Research fellow at the Department of Physiology, University of Erlangen, Germany

since 2003 Associate Professor

10 most important publications

1. Vierow V, **Forster C**, Vogelgsang R, Dörfler A, Handwerker HO: Cerebral Networks Linked to Itch-related Sensations Induced by Histamine and Capsaicin; *Acta Derm Venereol* 2015; 95: 645–652
2. Hartmann EM, Handwerker HO, **Forster C.**: Gender Differences in Itch and Pain-related Sensations Provoked by Histamine, Cowhage and Capsaicin. *Acta Derm Venereol*, 2015; 95: 25–30
3. Weigelt A, Terekhin P, Kempainen P, Dörfler A, **Forster C.** The representation of experimental tooth pain from upper and lower jaws in the human trigeminal pathway. *Pain*. 2010, 149(3):529-538

4. Vierow V, Fukuoka M, Ikoma A, Dörfler A, Handwerker HO, **Forster C**. Cerebral representation of the relief of itch by scratching. *J. Neurophysiol.* 2009, 102(6):3216-3224
5. Kosteletzky F, Namer B, **Forster C**, Handwerker HO. Impact of Scratching on Itch and Sympathetic Reflexes Induced by Cowhage (*Mucuna pruriens*) and Histamine. *Acta Derm Venereol* 2009; 89: 271–277
6. Schoedel ALA, Zimmermann K, Handwerker HO, **Forster C**. The influence of simultaneous ratings on cortical BOLD effects during pain stimulation. *Pain* 2008; 135:131-141.
7. Herde L, **Forster C**, Strupf M, Handwerker HO. Itch induced by a novel method leads to limbic deactivations - A functional MRI study. *J Neurophysiol* 2007;98:2347-2356.
8. Rühle B, Handwerker HO, Lennerz J, Ringler R, **Forster C**. Brain Activation during Input from Mechanoinsensitive versus Polymodal C-Nociceptors. *J Neurosci* 2006; 26:5492-5499.
9. Terekhin P, **Forster C**. Hypocapnia related changes in pain-induced brain activation as measured by functional MRI. *Neurosci Lett* 2006;400:110-114.
10. Jantsch HH, Kempainen P, Ringler R, Handwerker HO, **Forster C**. Cortical representation of experimental tooth pain in humans. *Pain* 2005;118:390-399.