

DR. STEFAN G. LECHNER

Date of birth: 17 May, 1974
 Gender: male

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 Current position: Heisenberg group leader (DFG),
 Institute of Pharmacology, Heidelberg University
 Children: two (* 2001, * 2004)

**CURRICULUM VITAE****University education**

1992 - 1999 Studies in Chemistry and Biochemistry, Technical University Vienna

Scientific degrees

2004 PhD in Natural Sciences, Technical University Vienna
 Practical work carried out at the Institute of Pharmacology, Medical University Vienna, Austria; Neuropharmacology Group, Prof. Stefan Boehm
 Title of doctoral thesis: "Fine-tuning of neurotransmitter release via G-protein-mediated modulation of voltage-gated ion channels"

2001 Master of Science in Chemistry and Biochemistry
 Vienna University of Technology, Austria

Professional experience

since 2013 Heisenberg stipend, Institute of Pharmacology, Heidelberg University
 2006 - 2013 Post Doctoral Fellow
 Max-Delbrueck-Center for Molecular Medicine, Berlin, Germany,
 Molecular Physiology of Somatic Sensation Group, Prof. Gary R. Lewin

2005 Project Manager
 Eccocell Biotechnology GmbH, Graz, Austria

2004 Post Doctoral Fellow
 Institute of Pharmacology, Medical University Vienna
 Neuropharmacology Group, Prof. Stefan Boehm

2000 - 2001 Research Assistant
 NBC-Defense Laboratory, Austria Armed Forces

Awards and Honors

2013 Heisenberg fellowship from the Deutsche Forschungsgemeinschaft

Editorial boards

none

Memberships, panels and coordinating functions

2008 - 2013 Member of the Scientific Council of the Max-Delbrueck-Centre for
Molecular Medicine Berlin

5 most important publications

Wende H, **Lechner SG**, Cheret C, Bourane S, Kolanczyk M, Pattyn A, Reuter K, Munier FL, Carroll P, Lewin GR, Birchmeier C. The transcription factor c-Maf controls touch receptor development and function. Science 2012;335:1373-6.

Heidenreich M*, **Lechner SG***, Vardanyan V, Wetzel C, Cremers CW, De Leenheer EMR, Aránguez G, Moreno-Pelayo M A, Jentsch TJ, Lewin GR. KCNQ4 K⁺ channels tune mechanoreceptors for normal touch sensation. Nat Neurosci 2011;15:138-45.

Lechner SG*, Markworth S*, Poole K, Smith ES, Lapatsina L, Frahm S, Suzuki M, Ibanez-Tallon I, Luft FC, Jordan J, Lewin GR. The molecular and cellular identity of peripheral osmoreceptors. Neuron 2011;69:332-44.

Lechner SG, Frenzel H, Wang R, Lewin GR. Developmental waves of mechanosensitivity acquisition in sensory neuron subtypes during embryonic development. EMBO J 2009;28:1479-91.

Lechner SG, Lewin GR. Peripheral sensitization of nociceptors via G-protein dependent potentiation of mechanotransduction currents. J Physiol 2009;587:3493-503.

* indicates equal contribution