

Symposium: Ion channels - from molecule to malady

University of Luebeck, 2nd March, 2016 | 9:00-18:00 | Hörsaalgebäude Vorklinik, Hörsaal / lecture hall V1

Chair: Birgit Liss

9:00	Birgit Liss <i>Institute of Applied Physiology, University of Ulm, Germany</i>	Opening remarks / Introduction
9:15	Thomas J. Jentsch <i>Leibniz-Forschungsinstitut für Molekulare Pharmakologie und Max-Delbrück-Centrum für Molekulare Medizin (MDC), Berlin, Germany</i>	Molecular identity and properties of the volume-regulated anion channel VRAC
10:10	Jeffrey R. Holt <i>Boston Children's Hospital and Harvard Medical School, Boston, USA</i>	TMC1 function in the mammalian inner ear and the prospects for gene therapy to treat genetic deafness
11:05	Thomas Voets <i>Laboratory of Ion Channel Research & TRPLe, Department of Cellular and Molecular Medicine, KU Leuven, Belgium</i>	Function and modulation of TRP channels in the somatosensory system
12:00	Lunch Break	
13:30	Diane Lipscombe <i>Brown Institute for Brain Science, Brown University, Providence, USA</i>	Cell-specific regulation of calcium ion channel function
14:25	Jörg Striessnig <i>Institute of Pharmacy, Center for Chemistry and Biomedicine, University of Innsbruck, Austria</i>	L-type calcium channels in brain disorders
15:20	Coffee Break	
15:50	Benjamin Kaupp <i>Department of Molecular Sensory Systems, CAESAR, Bonn, Germany</i>	Electrical signaling in sperm - exotic ion channels with weird properties
16:45	Gero Miesenböck <i>Centre for Neural Circuits and Behaviour, University of Oxford, UK</i>	Optogenetics: Lighting up the brain
17:40	Birgit Liss	Closing remarks