

## Symposium: Ion channels - from molecule to malady

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

Chair: Birgit Liss

9:00	<b>Birgit Liss</b> <i>Institute of Applied Physiology, University of Ulm, Germany</i>	Opening remarks / Introduction
9:15	<b>Thomas J. Jentsch</b> <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	<b>Dimitri Kullmann</b> <i>Institute of Neurology, UCL, UK</i>	Kv1.1 channels - from episodic ataxia to gene therapy for epilepsy
11:05	<b>Thomas Voets</b> <i>Laboratory of Ion Channel Research &amp; 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	<b>Diane Lipscombe</b> <i>Brown Institute for Brain Science, Brown University, Providence, USA</i>	Cell-specific regulation of calcium ion channel function
14:25	<b>Jörg Striessnig</b> <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	<b>Benjamin Kaupp</b> <i>Department of Molecular Sensory Systems, CAESAR, Bonn, Germany</i>	Electrical signaling in sperm - exotic ion channels with weird properties
16:45	<b>Gero Miesenböck</b> <i>Centre for Neural Circuits and Behaviour, University of Oxford, UK</i>	Optogenetics: Lighting up the brain
17:40	<b>Birgit Liss</b>	Closing remarks