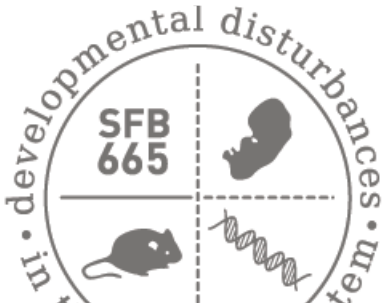


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Collaborative Research Center 665

Developmental disturbances in the nervous system

Final symposium



Thursday, July 13, 2017

Featuring science-slam style talks from SFB 665 members:

13.30	C. Rosenmund	Welcome
13.40	G. Ter-Avetisyan	The receptor guanylyl cyclase Npr2 in the neural control of ultrasound vocalization during mouse development
13.50	F. Jochenning	Ca ²⁺ signals underlying circuit development in the olfactory cortex of Fmr1 ^{-/-} mice
14.00	T. Willnow/A. Hammes-Lewin	Molecular pathways in forebrain development and holoprosencephaly
14.10	A. Kaindl	Cdk5rap2 and novel microcephaly genes in brain development
14.20	C. Birchmeier	Development of primary and secondary sensory neurons
14.30	G. Wulczyn	miRNAs and their mRNA targets in neural stem cells
14.40	F. Rathjen	A cGMP signaling cascade controlling axonal branching and neuronal circuitry
14.50	<i>Coffee Break</i>	
15.10	G. Lewin	Common genes required for normal mechanotransduction in touch and hearing
15.20	S. Sigrist	Orchestration of active zone assembly during circuit development
15.30	M.C. Kim	Nrg1 and ErbB receptors in glial development and myelination
15.40	C. Rosenmund	Role of excitation/inhibition in Rett Syndrome
15.50	U. Koch	Neuroligins, auditory brainstem development, auditory processing deficits in autism: Is there a link?
16:00	D. Schmitz	Understanding the function of Shank2 and its role in autism
16.10	C. Garner	Synaptic mechanisms underlying Phelan McDermid and Asperger's Syndrome
16.20	M. Schülke/S. Mundlos	Novel genes for developmental disorders in the nervous system
16.30	<i>Coffee Break</i>	
17.00	Keynote speaker:	

J. Rizo-Rey, University of Texas Southwestern Medical Center, Dallas, USA
On the importance of autoinhibitory interactions to enable the exquisite regulation of neurotransmitter release

...and from 18.00

Catered Festivities in Fenster der Wissenschaft and Level 5 terrace



Auditorium, Level 1
(After 6 pm on terrace, Level 5)
CharitéCrossOver
Charité – Universitätsmedizin Berlin
Virchowweg 6
Berlin, 10117

Contact: James Ari Liebkowsky
SFB 665 Coordinator
Tel.: 450 539 060
E-mail: sfb665@charite.de
Find out more about SFB 665:
www.sfb665.de