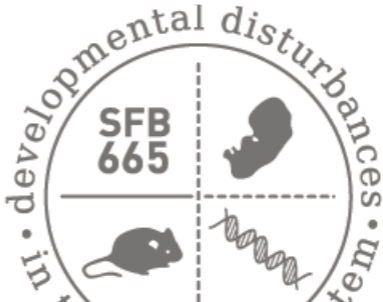


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Collaborative Research Center 665

Developmental disturbances in the nervous system

Final symposium



Thursday, July 13, 2017

Featuring science-slam style talks from SFB 665 members:

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|--------------|----------------------------|--|
| 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

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