



# FTN SEMINAR SERIES

## WINTER EDITION 2026/27

Friday 12 – 1 PM

BFZ, SR 1 EG  
Biomedical Research Center  
Duesbergweg 6

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| OCT<br>23 | <b>Robert E. McCullumsmith</b><br>"A FUNCTIONAL PROTEOMICS VIEW OF COMPLEX BRAIN DISORDERS: ARE PROTEIN KINASE SIGNALING PERTURBATIONS DRIVING COGNITIVE IMPAIRMENT IN TBI AND NEURODEGENERATIVE DISEASES?"<br>DEPARTMENT OF NEUROSCIENCES AND PSYCHIATRY, UNIVERSITY OF TOLEDO<br>HOST: THOMAS MITTMANN, INSTITUTE OF PHYSIOLOGY, UM |
| OCT<br>30 | <b>AG Schweiger: Susann Schweiger, UM</b><br>"THE HUNTINGTON STORY, WHERE WE ARE AND WHERE WE GO"                                                                                                                                                                                                                                     |
| NOV<br>06 | <b>AG Gerber: Susanne Gerber, UM</b><br>"READING THE AGING EPITRANSCRIPTOME"                                                                                                                                                                                                                                                          |
| NOV<br>13 | <b>James Danckert</b><br>"EXPLORING THE NEURAL DYNAMICS OF BOREDOM"<br>UNIVERSITY OF WATERLOO<br>HOST: SIMON RUMPEL, INSTITUTE OF PHYSIOLOGY, UM                                                                                                                                                                                      |
| NOV<br>20 | <b>Alessio Attardo</b><br>"LEARNING REORGANIZES DENDRITIC AND STABILIZES AXON INITIAL SEGMENT INHIBITORY SYNAPSES IN CA1 PYRAMIDAL NEURONS"<br>LEIBNIZ INSTITUTE FOR NEUROBIOLOGY (LIN), MAGDEBURG<br>HOST: SIDNEY CAMBRIDGE, INSTITUTE OF PHYSIOLOGICAL CHEMISTRY, UM                                                                |
| NOV<br>27 | <b>AG Martelli: Carlotta Martelli, IDN JGU</b><br>"WIRING BRAINS AT DIFFERENT TEMPERATURES: METABOLIC CONSTRAINTS AND FUNCTIONAL IMPLICATIONS"                                                                                                                                                                                        |
| DEC<br>04 | <b>AG Krüger-Burg: Tamara Ritter, UM</b><br>"GABAERGIC SYNAPSE SUBTYPE DIVERSITY IN THE MOUSE CORTICOLIMBIC SYSTEM"<br><b>AG Heine: Corinna Werkmann, JGU</b><br>"DYNAMIC COMPOSITION OF VOLTAGE GATED CALCIUM CHANNELS IN CENTRAL SYNAPSES"                                                                                          |
| DEC<br>11 | <b>Francesc Palau</b><br>"UNRAVELING GDAP1 : BRIDGING MITOCHONDRIAL BIOLOGY AND PERIPHERAL NEUROPATHY"<br>SJD DISTINGUISHED INVESTIGATOR, SANT JOAN DE DÉU CHILDREN'S HOSPITAL AND RESEARCH INSTITUTE<br>HOST: AXEL METHNER, INSTITUTE OF MOLECULAR MEDICINE, UM                                                                      |
| DEC<br>18 | <b>Maarten Kole</b><br>"THE TIMING OF THOUGHTS BY MYELINATING CORTICAL CIRCUITS IN HEALTH AND DISEASE"<br>DEPARTMENT OF BIOLOGY, UNIVERSITY OF UTRECHT<br>HOST: GIULIA POGGI, INSTITUTE OF ANATOMY & DEPARTMENT OF PSYCHIATRY AND PSYCHOTHERAPY, UM                                                                                   |
| JAN<br>15 | <b>AG Farnworth: Max Farnworth, JGU, UM</b><br>"EVOLUTIONARY TRAJECTORIES OF INSECT BRAIN INTEGRATION CENTRES AND THEIR DEVELOPMENTAL UNDERPINNINGS"                                                                                                                                                                                  |
| JAN<br>22 | <b>AG Bock: Andreas Bock, UM</b><br>"GPCR SIGNALING IN SPACE AND TIME"                                                                                                                                                                                                                                                                |
| JAN<br>29 | <b>James Jeanne</b><br>"NEURAL MECHANISMS OF OLFACTORY COMPUTATION IN <i>DROSOPHILA</i> "<br>YALE SCHOOL OF MEDICINE<br>HOST: MARION SILIES, IDN, JGU                                                                                                                                                                                 |
| FEB<br>05 | <b>Armin Lak</b><br>"CIRCUIT COMPUTATIONS FOR LEARNING TO MAKE GOOD DECISIONS"<br>UNIVERSITY OF OXFORD<br>HOST: MAIK STÜTTGEN, INSTITUTE OF PATHOPHYSIOLOGY, UM                                                                                                                                                                       |
| FEB<br>12 | <b>Paul Frankland</b><br>"THE DEVELOPMENTAL EMERGENCE OF EPISODIC MEMORY"<br>THE HOSPITAL FOR SICK CHILDREN AND DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF TORONTO<br>HOST: BENEDIKT BERNINGER, INSTITUTE OF PHYSIOLOGICAL CHEMISTRY, UM<br>& CENTRE OF DEVELOPMENTAL NEUROBIOLOGY, KING'S COLLEGE LONDON                                |