

# Leaders in neuroscience:

OCTOBER 18, 2018

Big lecture hall, T-building

Hosted by Winfried Denk

9 am – 1:30 pm

THE NEXT GENERATION

Lena Burbulla    Northwestern University, Feinberg School of Medicine

Dopamine oxidation mediates a human-specific cascade of mitochondrial and lysosomal dysfunction in Parkinson's disease

Angelika Harbauer    Harvard Medical School/Boston Children's Hospital

Mitochondrial health maintenance in axons through a novel mode of RNA transport

Lynette Lim    King's College London

Early neuronal diversity shapes cortical circuit assembly

Liya Ma    Robarts Research Institute, University of Western Ontario

Cognitive control: from neuron to network

Emilie Mace    Friedrich Miescher Institute

Brain-wide networks underlying behavior revealed by functional ultrasound imaging

Chenglin Miao    Friedrich Miescher Institute

Spatial circuit from medial entorhinal cortex to hippocampus

Gregor Pilz    University of Zurich

Structural and functional plasticity of hippocampal networks in health and disease

Lora Sweeney    Salk Institute

Defining inhibitory circuits for limb and thoracic movement

Fong Kuan Wong    King's College London

Activity-dependent regulation of interneuron survival sculpts cortical network