

Psychiatry and Neuroscience Seminar Series 2019

Pr Heiko J LUHMANN

(Host A Pierani)



*University Medical Center Johannes Gutenberg University Mainz
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(Re)Shaping the developing neocortex by electrical activity

Friday March 15th, 2019, noon

Amphitheater, 102-108 rue de la santé - 75014 Paris

Pr Heiko J LUHMANN

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He is a Full Professor of Physiology and the Director of Institute of Physiology. His work is dedicated to early cortical activity patterns in rodents and humans to understand basic development to propose translational bridges to clinic. He is interested in both neuroprotection, as well as, the modulation of brain development by paracrine activation of Cl conductances. His expertise and skills cover multiple domains. He is the author of more than 250 publications.

Key words

Flow Cytometry Transfection Neurobiology Neuroscience
Neurophysiology Neurodegeneration
Neurobiology and Brain Physiology Electrophysiology Physiology
Neuropharmacology Cellular Neuroscience Neuron
Synaptic Plasticity Synapses Epilepsy Neural Plasticity
Patch-Clamp Electrophysiology Synaptic Transmission
Neurotransmission Patch Clamp Recording In Vitro Electrophysiology
Long-Term Potentiation Synaptic Physiology GABA
Intracellular Recording Dendrites Patch-Clamp Techniques
Dendrimers NMDA Receptor Cerebral Cortex Polyelectrolyte