



Online live stream



MEDICAL NEUROSCIENCE CLUSTER
MEDICAL UNIVERSITY OF VIENNA

Neuroscience Slam 2021 Connect – Chat – Cooperate

This virtual roadshow strengthens communication within the cluster and promotes new collaborations.

Thursday, 28th January 2021, 12.30 – 5 pm

Live stream:

www.meduniwien.ac.at/neuroscienceslam

Online live stream of presentations by principal investigators of the Medical Neuroscience Cluster with moderation by Daniela Pollak and Thomas Berger

Programme

12:30 pm

Opening and Introduction

Daniela Pollak and Thomas Berger,
Speakers of the Medical Neuroscience Cluster,
Medical University of Vienna
Michaela Fritz, Vice-Rector for Research and
Innovation, Medical University of Vienna

Speed presentations by principal investigators of the Medical Neuro- science Cluster (5 min each)

12.45 – 2.00 pm

Session I

Cells as information-processing machines: emerging concepts

Igor Adameyko, Division of Neuroimmunology, Center for
Brain Research, MedUni Vienna

Innate and adaptive immunity in autoimmune epilepsy

Jan Bauer, Division of Neuroimmunology, Center for
Brain Research, MedUni Vienna

Transcranial pulse stimulation with ultrasound - A novel brain therapy

Roland Beisteiner, Department of Neurology,
MedUni Vienna

Peroxisomes – from basic research to novel therapeutic approaches

Johannes Berger, Division of Pathobiology of the
Nervous System, Center for Brain Research,
MedUni Vienna

Clinical Neuroimmunology: current and future research approaches

Thomas Berger, Department of Neurology,
MedUni Vienna

Immunology of CNS malignancies

Anna Berghoff, Division of Oncology, Department of
Medicine I, MedUni Vienna

Neuromyelitis optica – from patients to models and back again

Monika Bradl, Division of Neuroimmunology, Center for
Brain Research, MedUni Vienna

Regular and aberrant GABA-A receptor function

Margot Ernst, Division of Pathobiology of the Nervous
System, Center for Brain Research, MedUni Vienna

Molecular nociception

Michael Fischer, Institute of Physiology, Center for
Physiology and Pharmacology, MedUni Vienna

Neuropathology of neurodegenerative disease

Ellen Gelpi, Division of Neuropathology and Neuro-
chemistry, Department of Neurology, MedUni Vienna

2.00 – 2.05 pm

Break

2.05 – 3.20 pm

Session II

From cartoon to reality: the neuronal circuitry of „yummy eating“ through the perspective of purple lemmings

Tibor Harkany, Division of Molecular Neurosciences, Center for Brain Research, MedUni Vienna

Elucidating the signaling network involved in the formation of the neuromuscular junction

Ruth Herbst, Institute of Specific Prophylaxis and Tropical Medicine, Center for Pathophysiology, Infectiology and Immunology, MedUni Vienna

Antibody associated autoimmunity

Romana Höftberger, Division of Neuropathology and Neurochemistry, Department of Neurology, MedUni Vienna

Treatment Resistant Depression (TRD): clinical and basic science approach

Siegfried Kasper, Division of Cognitive Neurobiology, Center for Brain Research, MedUni Vienna

Neuronal circuits for decision making

Thomas Klausberger, Division of Cognitive Neurobiology, Center for Brain Research, MedUni Vienna

Molecular and functional neuroimaging in psychiatry

Rupert Lanzenberger, Department of Psychiatry and Psychotherapy, MedUni Vienna

Identifying and modelling rare neurodevelopmental disorders

Vanja Nagy, Ludwig Boltzmann Institute for Rare and Undiagnosed Diseases, Department of Neurology, MedUni Vienna

Mowgli and his jungle family: neural processes of parenting in the adult brain and impact on offspring development

Daniela Pollak, Division of Neurophysiology and Neuropharmacology, Center for Physiology and Pharmacology, MedUni Vienna

Autoimmune encephalitis and Leukodystrophies

Paulus Rommer, Department of Neurology, MedUni Vienna

Neurosurgery transformed

Karl Rössler, Department of Neurosurgery, MedUni Vienna

3.20 – 3.25 pm

Break

3.25 – 4.40 pm

Session III

Pentameric ligand gated Ion channels

Petra Scholze, Division of Pathobiology of the Nervous System, Center for Brain Research, MedUni Vienna

Psychostimulant drugs – friend or foe

Harald Sitte, Institute of Pharmacology, Center for Physiology and Pharmacology, MedUni Vienna

Alzheimer's disease: biomarker based approach – current and future projects

Elisabeth Stögmänn, Department of Neurology, MedUni Vienna

Targeting neuroinflammation in X-linked adrenoleukodystrophy

Isabelle Weinhofer, Division of Pathobiology of the Nervous System, Center for Brain Research, MedUni Vienna

The MedUni Vienna Psychosis Imaging Group

Matthäus Willeit, Division of General Psychiatry, Department of Psychiatry and Psychotherapy, MedUni Vienna

Cognitive information processing

Ulrike Willinger, Department of Neurology, MedUni Vienna

Digital pathology (plus) for large-scale brain tumor phenotyping

Adelheid Wöhrer, Division of Neuropathology and Neurochemistry, Department of Neurology, MedUni Vienna

Neurogenetics: from „single variant testing“ to “exome sequencing”

Alexander Zimprich, Department of Neurology, MedUni Vienna

Neuromuscular disorders: towards personalized therapies

Fritz Zimprich, Department of Neurology, MedUni Vienna

4.45 pm

Closing remarks

Daniela Pollak and Thomas Berger, Speakers of the Medical Neuroscience Cluster, Medical University of Vienna