



Virtual
Research
Center
by Alliance4life

SECOND MINI CONFERENCE of the Department of Membrane Biochemistry

Join our Virtual
Mini Conference!



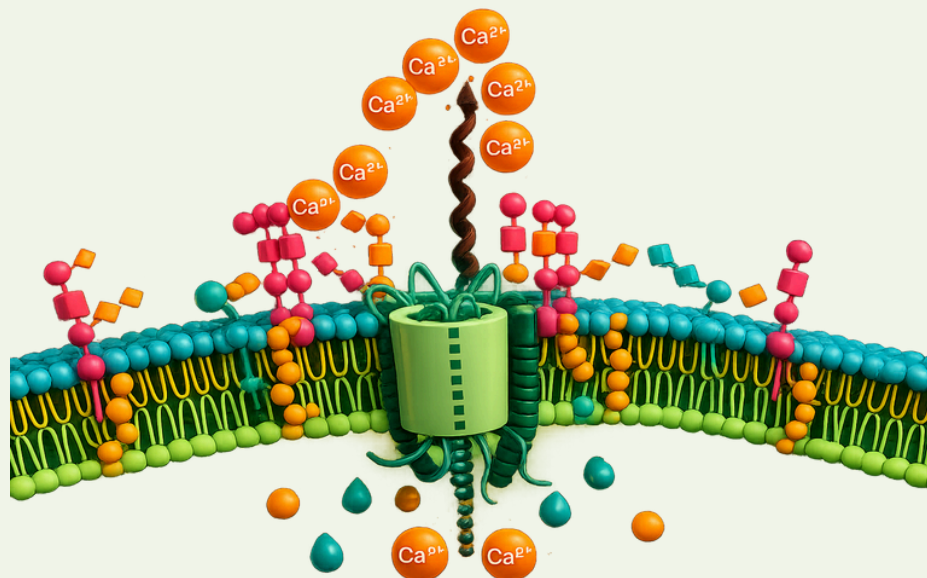
Date: 30/10/2026



Time: 11:00 AM CET



Platform: Online, via Zoom



Speakers from

University of Zagreb



J.J. Strossmayer University of Osijek



Aix-Marseille University, Marseille



INMED, INSERM, Aix-Marseille University, Marseille



King's College London



University of Medicine and Pharmacy "Carol Davila", Bucharest





Virtual
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2nd MINI CONFERENCE

Department of Membrane Biochemistry

Programme

11:00

Welcome and opening remarks

Kristina Mlinac Jerković (Head of the Membrane Biochemistry Department, Alliance4Life Virtual Research Centre, University of Zagreb School of Medicine, Zagreb, HR)

11:10 - 11:30

Engineering the ganglioside landscape: from membrane composition to cellular function

Kristina Mlinac Jerković (University of Zagreb School of Medicine, Zagreb, HR)

11:30 - 11:50

Ganglioside-binding domains in proteins

Jacques Fantini (Aix-Marseille University, Marseille, FR)

11:50 - 12:10

Using computer as a microscope to study lipid-protein interactions

Aleksandra Maršavelski (University of Zagreb Faculty of Science, Zagreb, HR)

12:10 - 12:30

Break



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12:30 - 12:50

Multiparametric MRI and imaging transcriptomics reveal brain-wide changes in GD3 synthase deficiency
Katarina Ilić (Department of Neuroimaging, King's College London, UK)

12:50 - 13:10

Membrane gangliosides regulate KCC2 and neuronal chloride homeostasis
Coralie di Scala (INMED, INSERM, Aix-Marseille University, Marseille, FR)

13:10 - 13:30

Astrocytic GABA transporter-3 is dynamically regulated during disrupted glutamate–GABA homeostasis
Nikola Habek (University of Zagreb School of Medicine, Zagreb, HR)

13:30 - 13:50

Break



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13:50 - 14:10	Exploring membrane proteins through AI and proximity labeling Sebastian Muraru ("Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy & Research Center for Innovative Therapeutics – InnoTher, Bucharest, RO)
14:10 - 14:30	Lens opacity and oxidative stress following long-term aripiprazole and trazodone treatment in female rats Marija Heffer (Josip Juraj Strossmayer University of Osijek, Faculty of Medicine, Osijek, HR)
14:30 - 14:50	A new therapeutic approach to type 2 diabetes (REDEEM) Aleksandra Dugandžić (University of Zagreb School of Medicine, Zagreb, HR)
14:50	Discussion and closing remarks



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Registration and joining details

Please register for the mini conference at:
[REGISTER](#)



Join the mini conference at:
[ZOOM LINK](#)

Passcode: 775274

