



Univerza v Ljubljani
Medicinska fakulteta



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DAN FIZIOLOGIJE 2024

Workshop: GPCR Structure & Function

Dvorana SAZU/Slovenska akademija znanosti in umetnosti
Novi trg 3, Ljubljana, Slovenija
10. december 2024, od 8.30 do 16.00

PROGRAM/PROGRAMME

10. 12. 2024

Dvorana SAZU/SASA Hall
Novi trg 3, Ljubljana

8.30–8.50 REGISTRACIJA/REGISTRATION (preddverje Dvorane SAZU/Lobby)

8.50–9.00 ODPRTJE/OPENING: Tatjana Avšič - Županc
(podpredsednica SAZU/SASA Vice-President)

Moderatorja/Chair: Nina Vardjan & Robert Zorec, DAN FIZIOLOGIJE 2024

9.00–9.45 **Tomaž Bratkovič** (UL FFA): *Nobelova nagrada iz fiziologije ali medicine 2024: Odkritje mikro RNA: nov pogled na uravnavanje izražanja genov (predavanje v slovenščini/lecture in Slovenian)*

Moderatorja/Chair: Robert Zorec & Maja Potokar, Workshop GPCR Structure and Function

9.45–10.20 **Franz Hagn** (Muenchen, Germany): Plasticity of GPCRs and G-proteins probed by structural methods

10.20–10.55 **Xiangyu Liu** (Beijing, PR China): A Survival Pressure Selection Method for GPCR drug screening

10.55–11.30 **KAVA, ČAJ/COFFEE, TEA** (Prešernova dvorana)

11.30–11.50 **Robert Zorec** (UL MF, Ljubljana): Introduction: Function of the orphan receptor *GPR27*

11.50–12.10 **Duško Lainšček & Maja Potokar** (National Institute of Chemistry & UL MF, Ljubljana, Slovenia): Properties of the *GPR27* knock-out mice

12.10–12.30 **Danaja Kuhanec** (UL MF, Ljubljana, Slovenia): Second messengers and *GPR27* activation by surrogate *GPR27* agonists

12.30–12.50 **Ena Sanjkovič** (UL MF, Ljubljana, Slovenia): Citrate measurements in single cells: regulation of the coupling between glycolysis and mitochondrial metabolism studied by surrogate agonists of *GPR27*

12.50–13.50 **RAZPRAVA/DISCUSSION**

13.50–16.00 **KOSILO & MREŽENJE/LUNCH & NETWORKING** (Prešernova dvorana)

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