

Journey Through Mitochondrial Transporters and Lipid Membranes

Thursday, 22nd February 2024

Seminar room Vetmeduni, Vienna

Veterinärmedizinische Universität Wien, Veterinärplatz 1, 1210 Wien,
www.vetmeduni.ac.at

Opening Giorgia Roticiani 10:00 – 10:05

SESSION I

Jila Nasirzade, Vetmeduni, Vienna 10:05 – 10:35 (20 + 10)

“Investigation of UCP3 expression in cachexia mice”

Taraneh Beikbaghban, Vetmeduni, Vienna 10:35 – 11:05 (20 + 10)

“New insights in the regulation of mitochondrial uncoupling protein 2 in cancer cells”

SHORT BREAK (11:10 – 11:30)

Julia Arapovic 11:30 – 12:00 (20 + 10)

“C-terminal tagging of UCP2 and UCP3 in THP-1 and H9c2 cells”

Olga Jovanovic, Vetmeduni, Vienna 12:00 – 12:30 (20+10)

“Membrane lipids regulate DNP mediated proton transport in the model membranes”

LUNCH BREAK (12:30 – 13:30)

Mensa Vetmeduni

SESSION II

Kristina Zuna, Vetmeduni, Vienna 13:30 – 14:00 (20 + 10)

“Uncoupling as treatment for cancer and metabolic diseases”

Sanja Skulj, Vetmeduni, Vienna 14:00 – 14:30 (20 + 10)

“Role of UCP1 in proton transport: new insights into the mechanism of fatty acid anion sliding across the protein-lipid interface”

Giorgia Roticiani, Vetmeduni, Vienna 14:30 – 15:00 (20 + 10)

“Exploring the mechanism of the proton transport mediated by Uncoupling Protein 1”

BREAK 15:00 – 15:30

Guest Lecturer presentation

Dr. Giorgia Del Favero, Universität wien (15:30 – 16:30)

“Bladder cells: morpho-metabolic adaption strategies to cope with chemical and physical challenges”

DINNER 18:00

Dschunke

<https://dschunke.at/>

Contact:

Giorgia Roticiani

Giorgia.Roticiani@vetmeduni.ac.at

Univ-Prof. Dr. Elena E. Pohl

Elena.Pohl@vetmeduni.ac.at