



universität
wien

Faculty of Life Sciences

Mini - Symposium

Molecular Toxicology

Monday, 30 May 2022

Department of Pharmaceutical Sciences

UZA II, Josef-Holaubek-Platz 2, 1090 Vienna

Scientific Presentations of candidates and discussion (20+10 min), Lecture Hall 5

- 9:00-9:30 **Ezgi Eylül Bankoglu**
Institute of Pharmacology and Toxicology, University of Würzburg
Impact of Obesity on Oxidative Stress and DNA Stability
- 9:30-10:00 **Anouar Belkacemi**
Experimentelle und Klinische Pharmakologie und Toxikologie, Universität des Saarlandes, Homburg
Voltage-gated calcium channel β subunits in integrative calcium signaling
- 10:00-10:30 **Alexander Belyy**
Max Planck Institute of Molecular Physiology, Dortmund
Actin as the target and activator of bacterial toxins: a structural perspective
10:30-11:00 Break
- 11:00-11:30 **Stefan Düsterhöft**
Institute of Molecular Pharmacology, University Hospital Aachen
ADAM-proteases as signal mediators in inflammatory processes: Regulation and function
- 11:30-12:00 **Karla Rubio**
Laboratoire IMoPA (Ingénierie Moléculaire et Physiopathologie Articulaire), CNRS & l'Université de Lorraine, Nancy
Environment-related toxicants inducing epigenetic mechanisms of tumorigenesis

Lectures for students (20 min), Lecture Hall 5

16:00-16:20 Bankoglu: *Opioid crisis – reasons, problems, currently attempted solutions*

16:20-16:40 Belyy: *Opioid crisis – reasons, problems, currently attempted solutions*

16:40-17:00 Düsterhöft: *Neuropathic pain – mechanisms and current treatments*

17:00 – 17:20 Belkacemi: *Neuropathic pain – mechanisms and current treatments*

17:20-17:40 Rubio: *Neuropathic pain – mechanisms and current treatments*