TOXCON 2010
BORDERLESS TOXICOLOGY

Stará Lesná, The High Tatras (SLOVAKIA)
September 6 – 10, 2010

SECOND ANNOUNCEMENT
Information about conference on address:  http://www.toxcon.sav.sk

Important dates

Proposals for Symposia & Workshops: Deadline EXTED - June 30, 2010
Registration: Deadline EXTENDED - June 15, 2010
Abstract Submission: Deadline June 15, 2010
Accommodation Reservation: May 31, 2010
Young Researcher Award Subscription: Deadline July 31, 2010
Manuscript Submission: Deadline September 10, 2010

Registration Fees

Course (including refreshments and accommodation)
Advanced Toxicology Course - 30 €

Conference (including refreshments, lunch and participation in social events)
Members of the Slovak and Czech toxicology sections - 80 €
Non-members - 120 €
Students - 65 €
For the student-fee category confirmation of PhD study, signed by the chief representative of the organization, will be required!

Bank Transfer:  
Slovenská toxikologická spoločnosť SETOX,  
Dúbravská cesta 9, 841 04 Bratislava, Slovakia  
ICO: 30801729  
DIC: 2022154222

Account Name: SLOVENSKÁ TOXIKOLOGI
Account Number: 2621735519/1100
Bank Address: Tatra banka, a.s., Hodžovo nám.  
3, P.O.BOX 42, 850 05 Bratislava 55, Slovakia
IBAN: SK16 1100 0000 0026 2173 5519
SWIFT: TATR SK BX
Advanced Toxicology Course Programme

Lectures

Prof. Horst Spielmann
Department of Biology, Chemistry, and Pharmacy, Freie Universität Berlin, Germany
Lecture 1: Regulatory Toxicology
Lecture 2: Test Methods in Toxicology

Prof. Emanuela Corsini
Laboratory of Toxicology, Department of Pharmacological Sciences, Milan, Italy
Lecture 3: Introduction to Human Immunotoxicology, Immunosuppression & Cancer Susceptibility
Lecture 4: In Vitro Immunotoxicology

Dr. Helena Kandarova
MatTek Corporation, Ashland, MA, USA
Lecture 5: Validated and Pre-validated Alternative Methods in Toxicology

Dr. Michal Dubovický
Department of Reproductive Toxicology, Institute of Experimental Pharmacology & Toxicology, Bratislava, Slovakia
Lecture 6: Developmental Neurotoxicology

Experimental

Dr. Helena Kandarova and Dr. Silvia Letašiová
MatTek Corporation, Ashland, MA, USA
MatTek In Vitro Life Science Laboratories, Bratislava, Slovakia
In vitro Skin Corrosion test - method EU B.40 a OECD 431
Interdisciplinary Toxicology Conference

Young Researcher Award

The TOXCON Young Researcher Award recognizes young toxicological scientists with the best oral presentation at the TOXCON 2010 meeting. The Award consists of a cash prize and free of charge publication in the Neuroendocrinology Letters (NEL) (length of paper limited to 4 printed pages).

Nominations are made by a scientist, and the portfolio consists of the following documents:

(i) a detailed statement describing the innovative nature and excellence of the work by the young professional (max. 2 pages).
(ii) a Curriculum Vitae including a list of publications and citations to best paper published within last 5 years.

Eligibility criteria

- in order to qualify for the award the Nominees should be younger professionals, with a Master of Science (or equivalent) or higher level degree, aged 35 or younger at the time of nomination for the prize,
- required oral presentation at the TOXCON 2010 conference,
- summary of the presented work,
- manuscript has to be submitted before September 10, 2010 (if the scientist wants to publish in NEL).

The members of the Award Committee would appreciate nominations. These can be sent to Slovak Toxicology Society SETOX via email at info@setox.eu before July 31, 2010.

Presentations

Language
The official language of the presentations (lectures and posters) will be English.

Abstract
All authors are requested to submit an abstract (up to 350 words) of their contribution by an e-mail before June 15, 2010. The abstract should include the title of the paper (in bold capital letters) followed by the name(s) of the author(s) and affiliation(s), underlining the presenting author. This is followed by the main text and acknowledgements.
Abstract Sample:

ROLE OF OXYTOCIN IN RESPONSE TO ACUTE STRESS IN MALES
Mach M.¹,², Morris M.², Dubovický M.¹, Lucot J.B.²
¹ Institute of Experimental Pharmacology and Toxicology, Slovak Academy of Sciences, Dúbravská cesta 9, Bratislava, Slovakia; ² Department of Pharmacology and Toxicology, Boonshoft School of Medicine, Wright State University, Dayton, OH, USA

Oxytocin (OT) belongs to a family of peptides that have been identified in all classes of vertebrates and many invertebrate species. It is synthesized in the hypothalamus and released into the bloodstream via the axon terminals in the posterior pituitary or neurohypophysis and it is important for maternal behavior (labor, lactation, social interaction). Although found in about equal concentrations in both sexes, the physiological importance of OT in males is still unclear.

The aim of this study was to investigate the role of OT in the behavioral responses to shaker stress, using oxytocin knockout mice (OTKO) and behavioral tools for assessment of locomotor activity in the open field, elevated plus maze, and levels of plasma corticosterone (Cort). We determined changes in locomotor activity in the open field and elevated plus maze, and levels of corticosterone after 15-minutes acute stress or 7 days of intermittent subchronic stress. The decrease in basic movements and fine movements in the male OTKO –/ – group was significantly lower compared to OTKO +/+ and total time in the periphery was just not significant (p<0.09). The interaction between stress and genotype was significant in basic movements (p<0.05). Similar to the open field test, a decrease in basic movements after stress was observed in the elevated plus maze and had the same pattern, with differences between OTKO –/ – lower than OTKO +/+ males. Stress also increased total time in the closed arms in both genders and genotypes. Acute shaker stress significantly increased the levels of corticosterone in both genders, but the response to stress in females was 4-times bigger than in males. No changes were observed between genotypes after 7 days of subchronic intermittent stress, suggesting that oxytocin improved recovery and had an anxiolytic effect only after acute stress.

Supported by the grant DAMD17-00-C-002.

Publication
Participants will obtain the Abstract Book in English after registration. There will be the possibility to publish contributions in extenso in the journals:

Neuroendocrinology Letters (publication fee 60 €/printed page + 50 € processing fee)
Interdisciplinary Toxicology (20 € processing fee, no publication fee will be charged)

Participants willing to publish their presentation in journals should submit their manuscripts upon registration, at the latest, to start peer-review process.

Accommodation

Please note that the deadline for guaranteed room reservations is May 31, 2010. Request for room reservations after this deadline can only be handled upon availability. Hotels reserve the right to change the price of the accommodation after May 31, 2010.

More details about transportation, meals and social events (hiking and sightseeing) will appear in the third announcement.