

Slovak Toxicology Society SETOX, SK
Institute of Experimental Pharmacology & Toxicology SAS, SK
Czech Society for Experimental & Clinical Pharmacology & Toxicology, CZ

organising

CONTEMPORARY CHALLENGES *in*
TOXICOLOGY RESEARCH
in **VISEGRAD COUNTRIES**

TOXCON 2016

Stará Lesná, The High Tatras (SLOVAKIA)
June 22–24, 2016

Partners

Faculty of Military Health Sciences, University of Defense,
Hradec Králové, Czech Republic

Polish Society of Toxicology, Łódź, Poland

Society of Hungarian Toxicologists, Dunakeszi, Hungary

GENERAL INFORMATION

Information about conference on address:

<http://www.toxcon.sav.sk>

Scientific program topics:

The main topics of the upcoming Conference will be **environmental** and **industrial** toxicology, **food** toxicology, **experimental** and **clinical** toxicology, and important problem of the contemporary world – **bioterrorism** and **military toxicology**.

The list of conference topics:

Cytotoxicity, Carcinogenicity & Genotoxicity
Developmental Toxicology
Drug Abuse
Ecotoxicology
Food Toxicology
Forensic Toxicology
Immunotoxicology
Industrial Toxicology
Metabolism of Xenobiotics
Methods in Toxicology
Military Toxicology
Nanotoxicology
Occupational Toxicology
Pharmacotoxicology
Regulatory Toxicology & Legislation
Toxicology In Vitro

Presentations:

Language

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

Audio-visual technique

Multimedia data projector (in the case of other requests, please contact the Organising Committee).

Publications

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 or Interdisciplinary Toxicology. Participants willing to publish their presentation in journals should submit their manuscripts upon registration, at the latest.

Abstract

All authors are requested to submit an abstract (up to **350 words**) of their contribution by an e-mail before **May 15, 2016**. 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.

Important dates

Proposals for Symposia & Workshops: Deadline May 2, 2016

Registration: Deadline June 1, 2016

Abstract Submission: Deadline May 15, 2016

Early Bird Registration Payment: April 1, 2016

Accommodation Reservation: March 31, 2016

Manuscript Submission: Deadline June 24, 2016

Registration Fees

Conference (including refreshments, lunch and participation in social events)

Members of the Slovak and Czech toxicology Societies - **150 €** (180 € after April 1, 2016)

Non-members - **180 €** (210 € after April 1, 2016)

Students - **100 €** (130 € after April 1, 2016)

**!!! For the student-fee category, confirmation of PhD study will be required !!!
(signed by the chief representative of the organization)**

The Registration Form (attached to this announcement) is to be sent to the e-mail address mojmir.mach@savba.sk

Bank Transfer:

Organisation:

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., Hodždovo nám. 3, P.O. BOX 42, 850 05 Bratislava 55,
Slovakia

IBAN: SK16 1100 0000 0026 2173 5519

SWIFT: TATR SK BX

!!! Please indicate the NAME of the participant !!!

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TOXCON 2016

Hotel Academia - Stará Lesná, June 22–24, 2016

Registration Form

First Name:

Surname: title:

Institution:

Address:

Phone, fax:

E-mail:

Attendance: Course
 Lecture
 Poster
 Passive (only conference)

Title and authors of the presentation:

Please specify the topic of your presentation

... Cytotoxicity, Carcinogenicity & Genotoxicity	... Metabolism of Xenobiotics
... Developmental Toxicology	... Methods in Toxicology
... Drug Abuse	... Military Toxicology
... Ecotoxicology	... Nanotoxicology
... Food Toxicology	... Occupational Toxicology
... Forensic Toxicology	... Pharmacotoxicology
... Immunotoxicology	... Regulatory Toxicology & Legislation
... Industrial Toxicology	... Toxicology in Vitro

Other:

Conference opening ceremony will be on Wednesday June 22, 2016 at 2:00 p.m. and the closing ceremony will be on Friday June 24, 2016 at 1:00 p.m.

The Organizing Committee is looking forward to meet you at the Conference.

ACCOMMODATION

Please note that the deadline for guaranteed room reservations is **April 30, 2016.** 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 April 30, 2016.

Hotel Academia

Contact information:

e-mail: repcia@kcacademia.sk

tel. +421-52-4467 464 (465, 466)

1 person/night (bed & breakfast):

two persons in double room

Standard Room: 24.10 EUR

Additional Bed: 14.10 EUR

(available only in 2 twin standard rooms)

single room

Standard Room: 42.10 EUR



Hotel Kontakt

Contact information:

e-mail: repcia@hotelkontakt.sk

tel. +421-52-4468 185

1 person/night (bed & breakfast):

two persons in double room

Standard Room: 35.50 EUR

single room

Standard Room: 49.50 EUR



Hotel Hills

Contact information:

e-mail: repcia@hotelhills.sk

tel. +421- 52- 4467 533, +421-915 781 743

1 person/night (bed & breakfast & local tax):

two persons in double room

Standard Room: 37.50 EUR

single room

Standard Room: 60.00 EUR

