

## LETTER TO THE EDITOR

# 18<sup>th</sup> INTERDISCIPLINARY CZECH-SLOVAK TOXICOLOGY MEETING TOXCON 2013

Traditional toxicology conference TOXCON 2013 was held in Hradec Králové (Czech Republic) from 19<sup>th</sup> to 21<sup>st</sup> June 2013. The toxicologists from a variety of institutions, government, academic and industry from the Czech republic and abroad have the great opportunity to meet each other at this meeting annually, alternately in the Czech Republic and the Slovak Republic. The conference was organized by the Czech Society for Experimental and Clinical Pharmacology and Toxicology CLS JEP (ČSEKFT) and Slovak Toxicology Society (SETOX). This year, prof. Kamil Kuča was responsible for the organizing of this toxicology meeting in the Czech Republic under the auspices of the University Hospital in Hradec Králové. Co-organizer of the conference was Faculty of Medicine, Charles University in Hradec Králové and Faculty of Military Health Sciences, University of Defence Hradec Kralove. The organizers registered 142 participants from the Czech Republic,

Slovakia, Bulgaria, Ukraine and Iran. There were presented 100 poster presentations and 31 lectures divided thematically into seven sections.

The opening ceremony was in the diction of representatives of the co-organizing institutions. After their introductory words, the program immediately followed the first block of lectures. The first three lectures were devoted to the theme of methanol toxicity and methanol poisoning, which was in the Czech Republic and Poland in 2012. Next contributions were on synthetic cannabinoids and possibilities of new treatment options for rheumatoid arthritis. One particular section was focused on the issue of cytotoxicity and developmental toxicity. In the traditional section of military toxicology were presented the results of current research in the field of antidotal therapy, the biological effectiveness of cholinesterase reactivators, bioscavengeres and their use in the case of poisoning with organophosphorus compounds.



**Figure 1.** Toxcon 2013 – welcome session



**Figure 2.** Toxcon 2013 – poster session

Another separate section of lectures was focused on the molecular aspects of renal toxicity, carcinogenesis and receptor studies in kidney and placenta. The final conference lectures were then composed of teratogenesis and mutagenesis topics. Program of the conference was complemented by summary lectures focused on ochratoxin A, possibilities and trends of laboratory analysis in the forensic and clinical toxicology, on the flavonoids contained in red wine. The final lecture, closing the conference, was aimed on development of new chemical entities, and their testing in *in vitro* and *in vivo* conditions to their practical application in the marketplace, which is conductor recently at the Biomedical Research Center which was established in the University hospital Hradec Kralove in 2012.

Next, the 19<sup>th</sup> toxicology conference TOXCON will take place next year in the Slovak Republic.



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Received 3<sup>rd</sup> September 2013.  
Revised 3<sup>rd</sup> September 2013.  
Published 6<sup>th</sup> September 2013.