

Safety is a rising challenge to the community. It is clear that emerging new compounds and technologies require the responsibility not only from the regulators but also from the industry and people themselves.

This Supplement of the Journal Neuroendocrinology Letters presents papers from the 19th Interdisciplinary Toxicological Conference TOXCON 2014: Connecting for Safer Europe held in Stará Lesná, Slovakia from September 24–26, 2014. This event was organized by the Slovak Toxicology Society SETOX, Bratislava, Slovakia, with the Institute of Experimental Pharmacology and Toxicology, Slovak Academy of Sciences, Bratislava, Slovakia.

The scientific program of the conference involved various subjects of experimental, clinical and industrial toxicology. The program was divided into individual sections dealing with specific topics of *in vivo* and *in vitro* studies, such as cellular and organ toxicity, genotoxicity, cytotoxicity, mutagenicity, developmental toxicology, military toxicology, ecotoxicology, methodological approaches in toxicology as well as problems of relative safety assessment of drugs and xenobiotics, alternative methods in toxicology, ethical problems and legislation. The meeting attendance exceeded 170 scientists from 8 countries. The presence of outstanding scientists giving keynote lectures provided an opportunity to familiarize with up-to-date research in various fields of toxicology and related subjects. Out of the 143 presentations given at the Conference, the outstanding 29 selected by the scientific committee, are highlighted and documented in this Supplement.

The aim of the ever increasing importance of toxicology on all levels of the society is to save and preserve our environment for future generations. These proceedings from the conference TOXCON 2014 are shaped in the hope to contribute to this crucial commitment.

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