

**Third Interdisciplinary Slovak-Czech Toxicology Conference
Trenčianske Teplice, Slovakia, May 28–30, 1998**



Field Editors

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This **Focus Issue of General Physiology and Biophysics** presents papers delivered at the Third Slovak-Czech Interdisciplinary Conference on Toxicology held in Trenčianske Teplice, Slovakia, from May 28–30, 1998. The organizers of this scientific event were the Institute of Experimental Pharmacology and the Institute of Experimental Oncology of the Slovak Academy of Sciences, the Institute of Preventive and Clinical Medicine in Bratislava, the Drug Research Institute in Modra, the Chemico-Technological Faculty of the Slovak Technical University, Bratislava, the Slovak Society for Science on Laboratory Animals, as well as sections of the corresponding specialities of the Slovak Medical Association, Bratislava. The Conference was held under the auspices of Dipl. Ing. Ondřej Gattnar, PhD., General Director of J. S. Comp. Slovakofarma of Hlohovec. Toxicology has become a less descriptive science as more importance has been placed on the mechanisms underlying toxic effects. This was reflected in the individual sections of the Conference concerned with the deleterious effects of reactive oxygen species, developmental toxicology, pharmacokinetics, organ toxicity, nonreceptor interactions and molecular mechanisms in toxicology, and experimental models, particularly the streptozotocin model of diabetes mellitus. Recent progress in toxicological research including the fields of immunotoxicology, cytotoxicology, ecotoxicology, as well as the study of the apoptosis and genotoxicity is highlighted and documented in this Focus Issue.