

University of Belgrade - Faculty of Pharmacy

Department of Toxicology "Akademik Danilo Soldatović"

Scientific field (Frascati Manual)

Toxicology

Brief description of expertise

Department of Toxicology "Akademik Danilo Soldatović" with its long tradition covers the investigations of poisons, especially in following areas: toxicology of metals; toxicology of pesticides; toxicology of mixtures; mechanisms of toxicity; addictions; therapy and prophylaxis of poisoning; analytical toxicology; ecotoxicology; toxicological risk assessment; environmental risk assessment.

Keywords

toxicology of metals, pesticides, mixtures; mechanisms of toxicity; addictions; analytical toxicology; ecotoxicology; human health and environmental risk assessment

Commercial services

Toxicological evaluation and re-evaluation of the active substances and products Toxicological evaluation of industrial chemicals / formulations Toxicological opinion/review Toxicology part of dossier for the active substance Toxicology part of dossier for the product Reclassification of chemicals Safety data sheet Experts opinion/report Assessment of biological efficacy of chemical Tests of acute toxicity Toxicological testing of medical devices Toxicological analysis (qualitative and quantitative) Toxicological risk assessment Determination of metals by AAS including sample preparation Determination of metals by AAS without sample preparation Toxicological analysis by HPLC Quantitative analysis of the fluoride by on-selective method Qualitative screening of biological material Training for Chemical Adviser

Realized and current projects

A) NATIONAL PROJECTS

Title	Project ID	Funding source	Duration
Chemical Food Contaminants, in interdisciplinary project III 46009	III 46009	Ministry of education, science and technological development, Republic of Serbia	2011-today
Food safety, chemical contaminants and integrative risk assessment		Ministry of Science and Environmental Protection, Republic of Serbia	2009-2010

Title	Project ID	Funding source	Duration
Endogenous parameters of exposure to xenobiotics: analytics, monitoring, prophylaxis and therapy	1432	Ministry of Science and Technological Development	2001-2005

B) INTERNATIONAL PROJECTS

Title	Project ID	Funding source	Duration
Probabilistic risk assessment for mercury associated with food consumption - bilateral project between Republic of Serbia and Republic of Slovenia	451-03-3095/2014-09/03	Ministry of Education, Science and Technological Development	November 2014 - December 2015

Full Professor Mirjana Đukić - collaborator on international projects: National Institutes of Health, National Institute for Occupational Safety and Health Human Frontier Science Program	NIH: HL114453, U19 AIO68021, ES 020693, and ES 021068; NIOSH: OH008282; Human Frontier Science Program Grant HFSP - RGP0013/2014	National Institutes of Health; National Institute for Occupational Safety and Health Human Frontier Science Program	2014
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Industry group (according to "Gazette RS", No. 54/10)

Research and experimental development on natural sciences and engineering
Higher education

PhD thesis within the unit done according to the industry needs

Name	Last name	Title	Year	Mentor
Saša	Janković	Risk assessment of the exposure to organochalogenated contaminants and heavy metals in food	2015	Prof. Dr. Biljana Antonijević

Staff list within the unit

Name	Last name	Teaching/scientific title
Vesna	Matović	Full Professor

Name	Last name	Teaching/scientific title
Biljana	Antonijević	Full Professor
Mirjana	Đukić	Full Professor
Dragana	Vujanovic	Associate Professor
Zorica	Bulat	Associate Professor
Danijela	Đukić-Ćosić	Assistant Professor
Marijana	Ćurčić	Assistant/Dr sc.
Aleksandra	Buha	Assistant
Evica	Antonijević	Assistant