

MARIJANA ĆURČIĆ

Radni staž:

- 2020 – danas, vanredni profesor, Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju “Akademik Danilo Soldatović”
- 2015-2020. docent, Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju “Akademik Danilo Soldatović”
- 2009-2015. asistent, Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju “Akademik Danilo Soldatović”
- 2000-2009. aistent-pripravnik, Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju “Akademik Danilo Soldatović”
- 1999-2000. saradnik, Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju “Akademik Danilo Soldatović”
- 1999. – farmaceut, ApotekaViva, Subotica
- 1998-1999. stručni staž, Apotekarska ustanova Beograd

Obrazovanje:

- 2021. Specijalista toksikološke hemije, Univerzitet u Beogradu – Farmaceutski fakultet
- 2015. Doktor medicinskih nauka – farmacija, Toksikologija, Univerzitet u Beogradu – Farmaceutski fakultet
- 2014. Specijalista farmacije – Toksikološka procena rizika od zagađivača životne sredine, Univerzitet u Beogradu – Farmaceutski fakultet
- 2007. Magistar farmaceutskih nauka, Toksikološka hemija, Univerzitet u Beogradu – Farmaceutski fakultet
- 1998. Magistar farmacije, Univerzitet u Beogradu – Farmaceutski fakultet
- 1990. Srednja medicinska škola Dr Ružica Rip Sombor, smer farmaceutski tehničar

Usavršavanje:

- 2021. Train the trainers: WHO Risk assessment in national regulation WHO in collaboration with the Public health institute of Serbia “Dr Milan Jovanović Batut”
- 2020. Digital education 2020 in organization of Centre for educational technologies for Western Balkan (online).
- 2019. Workshop on Borderline Issues in the Context of Cosmetics, organized by the Technical Assistance and Information Exchange (TAIEX) Instrument of the European Commission, Ministry of health and Chamber of commerce, Serbia,

- 2019. *Workshop on Safety Assessment of Cosmetics, organized by the Technical Assistance and Information Exchange (TAIEX) Instrument of the European Commission Ministry of health and Chamber of commerce, Serbia, 2019*
- 2019. *Better Training for Safer Food, European Food Safety Authority – EFSA, Athens, Greece*
- 2018. *Health-based limits for Toxicological Risk Assessment: Setting acceptable daily limits for pharmaceutical and chemical safety at the 10th Congress of Toxicology in Developing Countries and 12th Congress of the Serbian Society of Toxicology, Belgrade, Serbia*
- 2017. (SR/13/IB/AG/02), *Mammals Toxicology, Toxicological Risk Assessment and Technical Equivalency of Plant Protection Products, Ministry of Agriculture, forestry and fisheries, Belgrade, Serbia*
- 2015. *11th Summer School on Toxic Compounds in the Environment 2015, Brno, Czech Republic Research Centre for Toxic Compounds in the Environment (RECETOX) Univerzitetu Masaryk*
- 2015. *Specialised Toxicology course is organized by the Serbian Society of Toxicology and University of Belgrade-Faculty of Pharmacy, under the auspices of EUROTOX.*
- 2011. *Statistics in toxicology with focus on dose-response modelling, Karolinska Institut, Stockholm, Sweden*
- 2010. *Exposure assessment II: Toxicology of mixtures, Karolinska Institut, Stockholm, Sweden*
- 2006. *Risk Assessment Summer School, IUTOX, Hemenhofen, Germany*
- 2006. *“Promotion of the Three Rs (Reduction, Refinement, Replacement) Concept in Relation to Animal Experimentation” JRC Enlargement & Integration Workshop, Alternatives 2005, International Workshop on Croatia, Turkey and Western Balkan Countries, Ljubljana, Slovenia*
- 2004 *“Training of university lecturers– basic program”, Faculty of Philosophy, University of Belgrade, 2004.*
- 2004. *Basic Toxicology Course, EUROTOX, Croatia*

Stipendije i nagrade:

- 2018. *Stipendija za boravak Sustainability and waste management division, Staffordshire County Council, Stafford, UK, in organization of Climate Innovation Hub Serbia in collaboration with the Chamber of Commerce Serbia*
- 2018. *Stipendija za predavanje “Risk communication in POPs toxicology – question of perception”, Universidad Miguel Hernandez, Elche (Alicante), Spain*
- 2015. *Stipendija za predavanje “Co-exposure to cadmium and decabrominated diphenyl ether – challenges in data interpretation” na Institute of Bioengineering*

- (IB) of the Universidad Miguel Hernández under the frame of “Seminarios de Bioingeniería” Universidad Miguel Hernandez, Elche (Alacant), Spain*
- 2009. Stipendija za 6 meseci Risk Management and Residue Analysis of Chemicals for Environmental Safety, Japanese International Cooperation Agency (JICA) Kobe, Japan
 - 2007. Nagrada za mladog istraživača International Congress of Toxicology, Award for Junior Scientist, ICT XI, Montreal, Kanada
 - 2006. Stipendija za učešće Summer school European Association for Clinical Pharmacology and Therapy (EACPT)
 - 2005. Stipendija za kotizaciju i smeštaj Eurotox Krakow, Poland
 - 2002. Kotizacija Kongres toksikologa SRJ
 - 2001. Stipendija Austrian government in Serbia, WUS Austria

Nastavni rad:

Predmeti u čijem izvođenju učestvuje

- *Integrisane akademske studije: Toksikologija s analitikom, Kliničko toksikološke analize, Procen rizika po zdravlje ljudi, Akutna trovanje lekovima s analitikom, Ekotoksikologija, Hemijski karconogeni, Sredstva koja izazivau zavisnost s analitikom, Slobodni radikali i antioksidansi – labortorijska dijagnostika, Toksikologija u praksi, Univerzitet u Beogradu – Farmaceutski fakultet*
- *Specijalističke akademske studije Univerzitet u Beogradu – Farmaceutski fakultet*
- *Doktorske akademske studije Univerzitet u Beogradu – Farmaceutski fakultet*
- *Zdravstvena specijalizacija iz toksikološke hemije Univerzitet u Beogradu – Farmaceutski fakultet*

Član komisija ili mentor završnih radova, magistarskih teza, doktorskih disertacija, specijalističkih radova:

- *mentor je i član komisije za odbranu više od 120 završnih radova*
- *dve doktorske disertacije.*

Nastavna literatura:

- *Biljana Antonijević, Danijela Đukić-Ćosić, Marijana Ćurčić, Evica Antonijević, Aleksandra Buha Đorđević, Zorica Bulat. Praktikum iz opšte toksikologije, Univerzitet u Beogradu – Farmaceutski fakultet, 2020. ISBN: 978-86-6273-067-1*
- *Biljana Antonijević, Marijana Ćurčić. Toksikološka procena rizika – priručnik za praktičnu nastavu, Univerzitet u Beogradu – Farmaceutski fakultet, Beograd, 2012. ISBN: 978-86-8026389-2*

Aktivnosti na Fakultetu:

- 2021. Koordinator projekta Univerziteta u Beogradu za Farmaceutski fakultet *Povećanje stope reciklaže za baterije i sijalice u Srbiji. Projekat između Univerziteta u Beogradu, GIZ-a, NALED-a.*
- 2020. član Tima za organizaciju i sprovođenje preventivnih mera na Farmaceutskom fakultetu u Beogradu, u cilju smanjenja rizika od širenja zaraze Corona virusom među zaposlenima i studentima fakulteta
- U organizaciji Centra za toksikološku procenu rizika – interna obuka „Bezbedan rad sa opasnim hemikalijama“
- Član tima za promociju Farmaceutskog fakulteta
- član Tima za internu proveru usaglašenosti sistema menadžmenta sa standardom SRPS ISO 9001:2008
- 2013- danas predsednik Komisije za hemikalije i biološki materijal Farmaceutskog fakulteta
- 2011 – danas predavač na obukama savetnika za hemikalije koje organizuje Farmaceutski fakultet Univerziteta u Beogradu po odobrenju Ministarstva zaštite životne sredine R. Srbije
- 2002-danas Projekti FID i CNIRS

Aktivnosti u okviru šire akademske zajednice:

Članstvo u udruženjima

- Udruženje toksikologa Srbije
- Savez farmaceutskih udruženja Srbije
- EUROTOX
- IUTOX

Ekspertske aktivnosti

- 2014-2015. National consultant Update of national implementation plan for Stockholm convention; project task Inventory of polybrominated diphenyl ethers, hexabromobiphenyl and hexabromocyclododecane. UNIDO
- 2013-2020. Agencija za lekove i medicinska sredstva R. Srbije, evaluacija genotoksičnih nečistoća za registraciju leka
- 2011 - Lecturer for Chemical Advisors licenced by ministry in charge for environmental protection (REACH, International Conventions, Safety Data Sheet, Classification and Labelling)

Aktivnost na projektima

- 2021. *“Strengthening of national capacities for assessment of chemicals risks to guide risk reduction decision”* nosilac Institut za javno zdravlje Srbije “Dr Milan Jovanović Batut” (član radne grupe)
- 2021. *“WHO Global Chemicals and Health Network "Development of a National road map to enhance health sector engagement/contribution to sound chemicals management in Serbia till 2030",* nosilac Institut za javno zdravlje “Dr. Milan Jovanović Batut” (član radne grupe)
- 2019. *Zavod za unapređenje obrazovanja, Izrada nastavnog programa za izborni predmet trećeg razreda gimnazije Prirodne nauke I* (član radne grupe)
- 2011-2013. *„Leonardo da Vinci program EC, Healthy food4healthy life, educational movie and teachers material“* (multilateralni projekat Turska, Hrvatska, Španija i Švedska) (saradnik na projektu kao silent partner)

Recenzent je u časopisima

Arhiv za farmaciju, Zdravstvena zaštita, Vojnosanitetski pregled, Journal of the Serbian Chemical Society, Chemosphere, Science of the Total Environment, Food and Chemical Toxicology, Environmental Science and Pollution Research, Drug and Chemical Toxicology, Environmental Research, Archives of Industrial Hygiene and Toxicology, Chemico-Biological Interactions, MDPI Biology, Environmental Toxicology and Pharmacology, International Journal of Molecular Sciences, Acta Chromatographica, Cosmetics, Basic & Clinical Pharmacology & Toxicology itd.

Projekti:

- 2021-2023. *“Improving anti-cancer immunotherapy efficacy of CAR-T cells or PD-1/PD-L1 inhibitors by combining immune modulators”/„Povećanje efikasnosti imunoterapije karcinoma kombinacijom CAR-T ćelija ili PD-1/PD-L1 inhibitora sa imunomodulatorima“,* istraživačko razvojni projekat R. Srbija i N.R. Kina (saradnik na projektu)
- 2016-2017. *„Procena rizika smesa kontaminanata prisutnih u hrani“* bilateralni projekat R. Srbija i R. Hrvatska (saradnik na projektu)
- 2014-2015. *“Probabilistic risk assessment of mercury intake by food consumption“* bilateralni projekat R. Srbija - Slovenija (saradnik na projektu)
- 2009-2010. *„Bezbednost hrane, hemijski kontaminanti i karakterizacija rizika“* 2011 – danas: *„III46009 Uticaj hemijskih kontaminanata na bezbednost namirnica životinjskog porekla u okviru projekta Unapređenje i razvoj higijenskih i tehnoloških postupaka u proizvodnji namirnica životinjskog porekla u cilju dobijanja kvalitetnih i bezbednih proizvoda konkurentnih na svetskom tržištu Ministarstvo prosvete nauke i tehnološkog razvoja R. Srbije* (saradnik na projektu)

- 2001-2005. Br. 1432 „Endogeni parametri ekspozicije ksenobiotcima: analitika, monitoring, profilaksa i terapija“, Ministarstvo prosvete nauke i tehnološkog razvoja R. Srbije (saradnik na projektu)

Odabrane publikacije:

- Baralić K, Živančević K, Jorgovanović D, Javorac D, Radovanović J, Gojković T, Djordjevic AB, Ćurčić M, Mandinić Z, Bulat Z, Antonijević B. Probiotic reduced the impact of phthalates and bisphenol A mixture on type 2 diabetes mellitus development: merging bioinformatics with in vivo analysis. *Food and Chemical Toxicology*. 2021 Jun 5;112325.
- Radovanović J, Antonijević B, Kolarević S, Milutinović-Smiljanić S, Mandić J, Vuković-Gačić B, Bulat Z, Ćurčić M, Kračun-Kolarević M, Sunjog K, Kostić-Vuković J. Genotoxicity of fluoride subacute exposure in rats and selenium intervention. *Chemosphere*. 2021 Mar 1;266:128978.
- Ćurčić M. Smart specialisation strategy and possibilities for its implementation in the healthcare system of the Republic of Serbia. *Zdravstvena zaštita*. 2020;49(2):94-9.
- Buha A, Đukić-Ćosić D, Ćurčić M, Bulat Z, Antonijević B, Moulis JM, Goumenou M, Wallace D. Emerging links between cadmium exposure and insulin resistance: Human, animal, and cell study data. *Toxics*. 2020 Sep;8(3):63.
- Milic J, Curcic M, Brnjas Z, Carapina H, Randjelovic J, Krinulovic K, Jovovic A. The socio-economic impact timeline in Serbia for persistent organic pollutants (POPs). *Science of the total environment*. 2019 Oct 20;688:486-93.
- Milovanovic V, Buha A, Matovic V, Curcic M, Vucinic S, Nakano T, Antonijevic B. Oxidative stress and renal toxicity after subacute exposure to decabrominated diphenyl ether in Wistar rats. *Environmental Science and Pollution Research*. 2018 Mar;25(8):7223-30.
- Curcic M, Buha A, Stankovic S, Milovanovic V, Bulat Z, Đukić-Ćosić D, Antonijević E, Vučinić S, Matović V, Antonijevic B. Interactions between cadmium and decabrominated diphenyl ether on blood cells count in rats—Multiple factorial regression analysis. *Toxicology*. 2017 Feb 1;376:120-5.
- Ćurčić M, Tanasković S, Stanković S, Janković S, Antunović M, Đorđević S, Kilibarda V, Vučinić S, Antonijević B. Relationship of hepatotoxicity and the target tissue dose of decabrominated diphenyl ether in subacutely exposed Wistar rats. *Vojnosanitetski pregled*. 2015;72(5):405-13.
- Curcic M, Durgo K, Kopjar N, Ancic M, Vucinic S, Antonijevic B. Cadmium and decabrominated diphenyl ether mixture: in vitro evaluation of cytotoxic,

prooxidative and genotoxic effects. Environmental toxicology and pharmacology. 2014 Sep 1;38(2):663-71.

- *Ćurčić M, Janković S, Jačević V, Stanković S, Vučinić S, Durgo K, Bulat Z, Antonijević B. Combined effects of cadmium and decabrominated diphenyl ether on thyroid hormones in rats. Arhiv za higijenu rada i toksikologiju-Archives of Industrial Hygiene and Toxicology. 2012;63(3):255-62.*