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LINK TO THE DATABASE OF RESEARCHERS:

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LANGUAGES

English Certificate in Advanced English (CAE) University of Cambridge

Russian Intermediate level

ALEKSANDRA BUHA DJORDJEVIC

Associate Professor, European Registered Toxicologist

DATE OF BIRTH

22nd December 1984.

EDUCATION

University of Belgrade-Faculty of Pharmacy

October 2003-September 2009

M. Sc Pharmacy; Grade 9.68/10

University of Belgrade-Faculty of Pharmacy

October 2013-June 2014

Postgrad Specialism in Toxicological Risk Assessment; Grade 10/10

University of Belgrade-Faculty of Pharmacy

October 2010-March 2016

Ph.D. Doctor of Medicinal science, Study program – Toxicology; *Toxic effects of prolonged exposure to cadmium and/or polychlorinated biphenyls in rats*; Grade 10/10

WORK EXPERIENCE

Department of Toxicology, Faculty of Pharmacy, University of Belgrade, Serbia

Teaching Associate, October 2009-October 2011

Teaching/Research Assistant, October 2011-December 2016

Assistant Professor, December 2016-2021

Associate Professor, December 2021-present

University of Belgrade, Serbia

Academic Chair Circle U alliance, July 2021-present

RESEARCH

Number of peer review publications: 63

Citation number:

1500 (SCOPUS citation database)

Hirsch index from SCOPUS citation database: 22

Research field: Toxicology

Areas of expertise: environmental health, endocrine disruption, toxicology of mixtures, human health risk assessment, chemical carcinogenesis, drug safety

PROJECT HISTORY

Leader, international scientific project

2016-2018 Co-principal investigator on a project *Establishing polysilicate pro-inflammatory effectiveness and toxicity in vivo* collaboration with MRC Human Nutrition Research, Elsie Widdowson Laboratory, Cambridge, UK and Faculty of Veterinary Medicine, University of Cambridge, UK (co-principal investigator from UK Prof Dr . Jonathan J. Powell)

AWARDS AND SCHOLARSHIPS

- 2021 The Annual Award for the Best Scientific Results, University of Belgrade – Faculty of Pharmacy
- 2020 Award of the Endowment of Đoka Vlačković for the best scientific work of young scholars at the University of Belgrade
- 2020 The Annual Award for the Best Scientific Results, University of Belgrade – Faculty of Pharmacy
- 2019 Top Peer Reviewer in the Global Peer Review Awards 2019 (Web of Science)
- 2019 Finalist of National program L'Oréal-UNESCO "For Women in Science"
- 2019 The Annual Award for the Best Scientific Results, University of Belgrade – Faculty of Pharmacy
- 2018 Best Basic Science Abstract award, European Pancreatic Club
- 2016 Young Investigators Award, International Union of Toxicology (IUTOX 2016)
- 2014 SafeSciMet Innovative Medicines Initiative grantee
- 2012 Award for the Best Young Scientists' Abstract, Croatian Society of Toxicology (CROTOX 2012)
- 2012 Young Investigator Award, NATO Science for Peace and Security Advanced Study Institute
- 2006-2009 Scholarship of the Serbian Foundation for Support of Young Scientists and Artists
- 2005-2006 Scholarship of the City of Belgrade for Talented Students
- 2004-2005 Scholarship of the Ministry of Education of Republic of Serbia

2021-2025. MC member and science communication coordinator COST action CA 20121 „Bench to bedside transaction for pharmacological regulation of NRF2 in noncommunicable diseases“

Leader, national scientific project

2020-present PI of the Project *DECODING THE ROLE OF EXPOSOME IN ENDOCRINE HEALTH*; Funded by Scientific Fund of Republic of Serbia (Total Budget: 186, 522.28 EUR)

2020 Coordinator of the project *Safety assessment of the potential medicines for COVID-19 treatment and use of in silico tools for preclinical toxicological studies* under the call of the Ministry of Education, Science, and Technological Development on COVID-19 investigation

2021 Coordinator of the Public Health project „Informed mom, healthy baby-how to live safely surrounded by the chemicals?“ Financed by the Ministry of Health of the Republic of Serbia

Participation, international scientific project

2019-2021 Collaborator on international project *Health Risk Assessment in Municipality Pljevlja based on human biomonitoring data*, Ministry of Science, Republic of Montenegro;

2012-2014 Collaborator on NATO Science for Peace and Security Advanced Study Institute project *Advanced Sensors for Safety and Security*

Participation, international bilateral project

2021-2024 Collaborator on international bilateral project Serbia-China *Improving anti-cancer immunotherapy efficacy of CAR-T cells or PD-1/PD-L1 inhibitors by combining immune modulators*

2016-2017 Collaborator on bilateral Serbia-Croatia project *Risk assessment of food contaminant mixtures*

Participation in international projects

2021-2023 Academic Chair for the Societally Engaged Education and Research (WP5), priority area Global Health Circle U Co-funded by the Erasmus+ Programme of the European Union

Participation in national projects

2011-present Collaborator on the project *Chemical Food Contaminants* (Project No. 451-03-68/2020-14/200161), Ministry of science and technological development, R. Serbia

2021-present Collaborator on the *Infodemia* project (a collaboration between School of Public Health and Management MFUB and Media Education Centre)

2021-present Member of the team of the Project “All About the Vaccines” on promotion and science popularizations financed by the Center for the Promotion of Science, Republic of Serbia

CONTINUING EDUCATION

2021 Science & Communication Strategy Workshop, Green Science Policy Institute, Berkeley, USA

2020 16th edition of RECETOX Summer School 2020, Masaryk University, Brno, Czech Republic

2015/16 Visiting Scholar at MRC, Human Nutrition Research, Elsie Widdowson Laboratory, Cambridge, UK

2015 Specialized Toxicology Course *Genotoxicity and Carcinogenicity*, Serbian Society of Toxicology under the auspices of EUROTOX, Belgrade, Serbia

2014 SafeSci Course *In Silico ADME and Predictive Toxicology*, Faculty of Pharmacy, University of Copenhagen, Denmark

2013 Course *Identification and assessment of reproductive toxicity and endocrine disruption*, IMM, Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden

2012 Course *Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe* NATO Science for Peace and Security Advanced Study Institute, Varna, Bulgaria

2011 *EUROTOX Advanced Toxicology course*, Turkish Society of Toxicology under the auspices of EUROTOX, Kusadasi, Turkey

2011 *EUROTOX Basic Toxicology course*, Serbian Society of Toxicology under the auspices of EUROTOX, Belgrade, Serbia

EDITORIAL ACTIVITIES

2022 – ongoing Editorial board *Endocrine* (Springer)
2021 Special issue editor *Arhiv za farmaciju Endocrine disrupting chemicals: where are we today and where are we heading in the future?*,
2021 – ongoing Associate editor *All Life*; Section: Environmental Toxicology (Taylor & Francis)
2021 – ongoing Editorial board *Toxicology Research and Application* (Sage)
2021 – ongoing Editorial board *Public Health Toxicology* (European Publishing)
2021 Special Issue Editor *Toxics Environmental and Human Health Risk Assessment of POPs* (MDPI)
2021 – ongoing Editorial board member *Stresses* (MDPI)
2019- 2020 Special Issue Editor *Current Opinions in Toxicology* (Elsevier)
2018-ongoing Member of the *Toxicology Reports* Editorial board (Elsevier)
2019 Special Issue Editor *International Journal of Environmental Research and Public Health Toxicology and Xenobiotic Mixtures and Health* (MDPI)

REVIEWER ACTIVITIES

195 verified reviews in scientific journals indexed in SCI (according to *Publons*)

OTHER RELEVANT ACTIVITIES

2021 included in the Stanford University list of top 2% scientists in the world
2021-present Member of the EDCs Working Group of European Society of Endocrinology
2021-present Member of the Committee on Research Initiatives & Excellence of The Intersectoral Centre for Endocrine Disruptor Analysis (ICEDA)
2020-ongoing Member of the Heeds Consortium (Healthy Environmental and Endocrine Disruptors Strategies)
2020-ongoing Member of Women in Toxicology Proposal Committee (SOT)
2020-ongoing Secretary General of International Society for Research on Cadmium and Trace Element (ISRCT)
2019-ongoing European Registered Toxicologist, EUROTOX
2019-ongoing President of Belgrade Pharmaceutical Society
2019-ongoing Ambassador of the European Association for Cancer Research