

Contact info:

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Professional curriculum vitae:

Education

- 2019 - 2022 Bc., Biochemistry and Biophysical Chemistry for Pharmaceutical Applications, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, Slovak republic
(Bachelor thesis: *Preparation of novel biologically active Cu(II) complexes with NSAIDs and 2,2'-biquinoline*)
- 2022 – 2024 8-month interdisciplinary educational program on Bioentrepreneurship and biotechnology innovations
- 2022 - 2024 Ing., Biochemistry and Biomedical Technologies, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, Slovak Republic
(Diploma thesis: *The Effect of Antibiotics on the Function of the Innate Immune Response*)
- 2024 - PhD., Normálna a patologická fyziológia, Ústav patofyziológie, Lekárska fakulta, Univerzita Komenského, Bratislava, Slovenská republika
(Názov dizertačnej práce: *Influence of antibiotics on the regulation of the innate immune response in the pathology of systemic inflammation*)

Conference

- 11/2023 25th Slovak Student Scientific Conference „Chemistry and Technologies for Life“, FCHPT STU, Bratislava, Slovak Republic, 1st place – The best student scientific work in the section „Biochemistry, Microbiology and Foods“
- 02/2018 99. Physiological days in Bratislava, Bratislava, Slovak Republic
- 04/2024 19th RECOOP Bridges in Life Sciences Conference, Cedars-Sinai Medical Center & RECOOP HST Association, Bratislava, Slovak Republic

Awards

- 06/2024 The Best Diploma Thesis Prize for the Diploma Thesis „The Effect of Antibiotics on the Function of the Innate Immune Response“

Research interests

neutrophils; neutrophil extracellular traps (NETs); sepsis; antibiotics; systemic inflammation

