

Nikola Panajotovikj

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EDUCATION

University of Girona, Catalonia, Spain

PhD Computational Chemistry

Sept 2024 – Present

University Pompeu Fabra in Barcelona, Catalonia, Spain

MSc Bioinformatics for Health Sciences -- average grade: 9.31 (scale 0-10)

Sept 2022 – July 2024

University Ss. Cyril and Methodius in Skopje, North Macedonia

BSc Molecular Biology and Genetics -- summa cum laude: 9.91 (scale 0-10)

Sept 2018 – Jun 2022

EXPERIENCE

Chemotargets

Pharmacovigilance Researcher

Jul 2023 – Present

Conduct detailed analysis of drug post-marketing safety data using spontaneous reporting systems (SQL queries and python data analysis). Regularly query information from reports of regulatory bodies (FDA, EMA). Prepare comprehensive reports and presentations for internal safety assessments.

- **EuroQSAR 2024 Symposium** in Barcelona (22-26 September 2024): Presented posters regarding my pharmacovigilance research; was included in the organizational staff of the event.
- **ISO P mid-year symposium 2024** in Barcelona (3-4 July 2024).

Macedonian Academy of Sciences and Arts

Whole Exome Sequencing Data Researcher

Jan 2022 – Sep 2022

Worked with principal researcher to develop a pipeline in R for Whole Exome Sequencing data. Worked with Molecular Genetics: Whole exome sequencing (NextSeq 550 Illumina) & Third generation sequencer (MiSeq personal sequencer, Illumina) and others (Genetic Analyzer, Real-Time PCR system, Bioanalyzer).

University Ss. Cyril and Methodius

Teacher's Assistant – Department of Biochemistry

Sept 2021 – Jan 2022

- Carried out practical lessons for *Basics in Biochemistry*, overseeing eight 2-hour groups weekly. Guided students through lab experiments, evaluated performance, and assisted with exams. Contributed to research on antioxidant capacity of Ganoderma mushrooms.

Laboratory Technician – Department of Genetics

Jun 2020 – Aug 2021

- Administrative responsibilities, processing student files, and supervising exams. Involvement in research: "Cytotoxic Effect of Insecticides, Pesticides, and Supplements on the Apical Root Meristem of Zea mays."

SCHOLARSHIPS & AWARDS

Scholarship of the Ministry of Education and Science for Studies Outside of Macedonia

2022 – 2024

University Tuition Fee Waiver for Exceptionally High Academic Achievements

2019 – 2022

Scholarship of the Ministry of Education and Science for Intellectually Gifted Students

2019 – 2022

LANGUAGES

English – C2 Cambridge English Level 3 Certificate in ESOL International (Ref.No. 173MK0015014)

Spanish – B1 level of understanding

Catalan – A2 level of understanding