



PERSONAL DETAILS

Date and place of birth: 9 December 1995, Priština

Location: Belgrade, Serbia

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MILJANA PILJEVIĆ

BSC IN BIOCHEMISTRY AND MSC IN FORENSIC ENGINEERING

EDUCATION

University of Belgrade

PhD IN BIOPHYSICS | 2022-present

University of Criminal Investigation and Police Studies

MSc IN FORENSIC ENGINEERING | 2019-2021

Master thesis: "Mitochondrial DNA Analysis and Use in Forensic Investigation"

Mentor: Professor Smilja Teodorović

Faculty of Chemistry, University of Belgrade

BSc IN BIOCHEMISTRY | 2014-2019

Bachelor thesis: "Association of Variants in the *PPP1R3C* Gene with the Clinical Picture of Lafora's Disease"

Mentors: Professor Marija Gavrović-Jankulović and Assistant Professor Miljana Kecmanović

Seventh Belgrade High School

NATURAL SCIENCES AND MATHEMATICS | 2010-2014

WORK EXPERIENCE

Laboratory for Biophysics, Institute of Physics, University of Belgrade

Young Researcher

December 2022 - present

MDPI - Publisher of Open Access Scientific Journals

Assistant Editor - Journals: Toxins, Forensic Sciences, Veterinary Sciences, Life, Economics

November 2020 - November 2022

-Processing scientific manuscripts: organizing the peer-review process for manuscripts, handling the communication between the authors, reviewers and academic editors, monitoring the publishing process

-Training new colleagues and monitoring their progress

RESEARCH EXPERIENCE

University of Criminal Investigation and Police Studies

Professor Smilja Teodorović Group

June 2020 - July 2020

-Performed Polymerase Chain Reaction (PCR) of the human serotonin transporter gene (*5-HTT*) to detect polymorphism indicated in the literature for aggressive behavior

Bánki Donát Gépész és Biztonságtechnikai Mérnöki Kar, Óbudai Egyetem

Associate Professor Drégelyi-Kiss Ágota Group

February 2020

-Introduction to practical work with biometric identification systems, such as fingerprint and vein scanners, as well as iris scanners

-Visited laboratories related to material sciences (scanning electron microscopy and industrial computed tomography)

Institute of Physics

Professor Aleksandar Krmpot and Professor Mihailo Rabasović

November 2019 - May 2020

-Attended the course "Modern Optical Microscopy Methods in Biology and Medicine", PhD Program in Biophotonics, University of Belgrade

Faculty of Biology, University of Belgrade

Center for Forensic and Applied Molecular Genetics

October 2018 - January 2019

-Performed extraction and quantification of genomic DNA obtained from Lafora disease patients, Polymerase Chain Reaction (PCR) of *PPP1R3C* gene exons, DNA electrophoresis and DNA sequencing

Faculty of Chemistry, University of Belgrade

Professor Ljuba Mandić Group

June 2017 - July 2017

-Performed separation of amino acids by Thin Layer Chromatography (TLC)

-Ultrafiltration (UF) and Protein Electrophoresis

PROJECTS

Participated in the project "Development of master curricula for natural disasters risk management in Western Balkan countries – NatRisk (573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP)"

SKILLS

Languages

-Serbian (Native Proficiency)

-English (Full Professional Proficiency)

-Spanish (Elementary Proficiency)

Software

-MS Office (Word, Excel, PowerPoint)

-OriginPro

-BIOVIA Draw

-BioEdit