

EDUCATION

Doctor of Science, dr.sc.

Dr.sc. Biomedicine and Healthcare,
University of Zagreb School of Medicine
10/2018 – 01/2022

Master of Experimental Biology, mag.biol.exp

University of Zagreb, Faculty of Science
09/2015 – 05/2018

- Erasmus Student exchange and internship
Politecnico de Madrid
09/2016– 07/ 2017

Bachelor of Biology, univ.bacc.biol.

University of Zagreb, Faculty of Science
09/2012 – 09/2015

- Erasmus Student exchange
University of Vienna
09/2014– 03/ 2015

PROFESSIONAL EXPERIENCE

Postdoc position

Ruđer Bošković Institute | 09/2023 – Present

- Designing and conducting experiments
- Writing proposals for a scientific projects
- Mentoring Master and Ph.D. students
- Presentig results of my research on the scientific conferences as a poster or oral presentation

Postdoc position

University of Zagreb School of Medicine | 09/2022–03/2023

- Designing and conducting experiments
- Writing proposals for a scientific projects
- Mentoring Master and Ph.D. students
- Presentig results of my research on the scientific conferences as a poster or oral presentation

Research Assistant

University of Zagreb School of Medicine | 09/2018–09/2022

- Designing and conducting experiments
- Research associate on diffrent scientific project
- Mentoring graduating students
- Presentig results of my research on the scientific conferences as a poster poster presentation

SCIENTIFIC PROJECTS

- 09/2023–present **Influence of microenvironment on 3D in vitro models for rare gynaecological cancer research** (Ruđer Bošković Institute)
- 09/2022–03/2023 **Epigenetic biomarkers of prostate cancer** (University of Zagreb School of Medicine)
- 12/2019 – 03/2023 **Genetic and epigenetic markers as indicators of aggressiveness of differentiated thyroid cancer** (University Clinical Hospital Centre Sestre Milosrdnice)
- 01/2019 – 03/2023 **Prevention of hypoglycemia in pregnant women with type 1 diabetes** (University of Zagreb School of Medicine)
- 01/2019 – 03/2023 **Center of Excellence for Regenerative and Reproductive Medicine** (University of Zagreb School of Medicine)
- 09/2018 – 10/2021 **Epigenetic biomarkers in the blood and seminal plasma of patients with testicular seminoma** (University of Zagreb School of Medicine)

SKILLS

Laboratory skills

- DNA and RNA isolation
- Bisulfite conversion
- Pyrosequencing
- Immunohistochemistry and immunofluorescence
- PCR and qPCR
- Cell culture techniques (2D and 3D)

Computer skills

- MsOffice
- Prism-GraphPad
- Fiji

Language skills

- **Croatian** (native)
- **English** (full professional proficiency)
- **German** (full professional proficiency)
- **Spanish** (full professional proficiency)

Additional information

- driving license- category B (active driver)

SOCIETY MEMBERSHIP

- **Federation of European Biochemical Societies (FEBS)**
Popularization of science through organizing online career and academic talks for young scientist from societies which are members of FEBS.
- **European Association for Cancer Research (EACR)**
Active member
- **Croatian Society of Biochemistry and Molecular Biology (HDBMB)**
Popularization of science through organizing different social activities and lectures for young scientist in Croatia.
Member of the Local organizing committee for FEBS3+ Meeting: Exploring Molecular Frontiers
- **Croatian Association for Cancer Research (CACR)**
Member of the Local organizing committee for HDIR-7: Advances in Cancer Research and Treatment

SCIENTIFIC PUBLICATIONS

- **Elevating athletic performance: the body technique protocol's effect on vitality and respiratory wellness**, 2024, *Kinesiology Slovenica*, <https://doi.org/10.52165/kinsi.30.2.56-70>
- **Current status of in vitro models for rare gynaecological cancer research**, 2024, *European Journal of Surgical Oncology* doi: 10.1016/j.ejso.2024.108549.
- **cfDNA methylation in liquid biopsies as potential testicular seminoma biomarker**, 2023, *Epigenomics* <https://doi.org/10.2217/epi-2022-0331>
- **CNV Hotspots in Testicular Seminoma Tissue and Seminal Plasma**, 2021, *Cancers (Basel)* <https://doi.org/10.3390/cancers14010189>
- **Epigenetically inactivated RASSF1A as a tumor biomarker**, 2021, *BJBMS* <https://doi.org/10.17305/bjbms.2020.5219>
- **In Search of TGCT Biomarkers: A Comprehensive In Silico and Histopathological Analysis**, 2020, *Disease Markers* <https://doi.org/10.1155/2020/8841880>

AWARDS

- recipient of scholarship for 2022 IUBMB-FEBS-PABMB Young Scientists' Forum (YSF 2022) and IUBMB-FEBS-PABMB Congress in Lisbon, 2022.

COURSES

- 10/09/2024 - 11/09/2024 **EMBO Workshop Writing Successful Fellowship Applications**
- 12/09/2024 **EMBO Workshop on Communicating Research**
- 27/08/2023 - 27/09/2023 **Coursera course: Finance for Non-Financial Professionals**
- 19/07/2023 - 19/08/2023 **Coursera course: Successful presentation**
- 19/07/2023 - 19/08/2023 **Coursera course: Work Smarter, Not Harder: Time Management for Personal and Professional Productivity**
- 13/06/2023 - 13/07/2023 **Project Management: The Basics for Success**
- 22/03/2022 - 24/03/2022 **6th Berlin Summer School on NGS Data Analysis**
- 13/06/2022 - 17/06/2022 **EMBO Course: Leadership for Postdocs**
- 31/08/2021 - 02/11/2021 **1st EFLM online Postgraduate course Biostatistics In Laboratory Medicine**
- 23/11/2020 - 27/11/2020 **Winter School of Research Commercialisation, Winter School week**