

CURRICULUM VITAE

DORA HRESTAK, PhD student, Research assistant

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DATE OF BIRTH: 21 April 1993
Zagreb, Croatia

PROFESSIONAL EXPERIENCE

- 2021-** PhD student, Research assistant
Center for translational and clinical research
University of Zagreb School of medicine (UZSM)
Department for intercellular communication
- 2017- 2021** Assistant editor
Food Technology and Biotechnology Journal
- 2017** Sales representative (student)
Milsing d.o.o.

EDUCATION

- 2021** Master's Degree in in Bioprocess Engineering
University of Zagreb Faculty of Food Technology and Biotechnology
Master thesis title: "Construction of mutated variants of the *Saccharomyces cerevisiae* yeast *SCW4* gene and investigation of the Scw4 protein way of binding into the cell wall"
- 2018** Bachelor's degree in Biotechnology
University of Zagreb Faculty of Food Technology and Biotechnology
Undergraduate thesis title: " Biological activity of grape pomace extract prepared by using deep eutectic solvent"

PROJECTS

- 2020-2023** PROBITECT Synergistic innovative combination of microbiota components as a basis for the development of innovative topical products for the treatment and prevention of inflammatory conditions of human skin HAMAG-BICRO, IRI project
- 2019-2021** Biotechnological application of incorporation of heterologous proteins into yeast cell walls
- 2017-2019** Molecular mechanisms for incorporation of homologous and heterologous proteins in the yeast cell wall and their application in biotechnology

2016-2017 Green solvents for green technologies

CONFERENCES

2020 Studentski kongres o karcinomu, Zagreb

2019 2nd Biotechnology students congress, Zagreb

2018 PUBMET2018, The 5th conference on scholarly publishing in the context of open science, Zadar
Organizing committee

2018 1st Biotechnology students congress, Zagreb

2017 European biotechnology congress, Dubrovnik
Poster section

CERTIFICATES/WORKSHOPS

2020 Elsevier workshops for editors

2017 Workshop in the frame of ERASMUS+ program
Risk Assessment of non carcinogenic and carcinogenic compounds from the environment

PUBLICATIONS

- Lozančić M, Žunar B, Hrestak D, Lopandić K, Teparić R, Mrša V. Systematic Comparison of Cell Wall-Related Proteins of Different Yeasts. *Journal of Fungi*. 2021; 7(2):128. <https://doi.org/10.3390/jof7020128>
- Panić M, Marin P, Hrestak D, Rajn M, Fičko V, Radojčić Redovniković I, Cvjetko Bubalo M. Stereoselective biocatalysis in green solvents. *Journal of Biotechnology*. 2017; 256:53.