

Curriculum Vitae

General

Name: Mihail Besleaga
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Citizenship: Romanian



Education

University Education: April 2021- present: **PhD candidate** at the Integrated Bioprocess Development group of Prof. Oliver Spadiut;

September 2018 – September 2020: **Master's degree** in Medical and Pharmaceutical Biotechnology

Master thesis: Optimization of recombinant expression of Protein L in Escherichia coli for immobilization on a biosensor for Fab detection
Supervisor: Prof. Christoph Herwig, at the University of Technology Vienna

September 2013 - June 2017; **Bachelor's degree** in Biomedicine and Ecology, Pharmaceutical Technology at Free International University of Moldova

Bachelor thesis: The technology of production of the medical industrial form of the tablets Herpevir 200 mg

School Education: 2010-2013; high school: Lyceum "Ginta Latina", Moldova

Professional career

Current employment: Since September 2021: employed as a project assistant in the Integrated Bioprocess Development group at the University of Technology Vienna, in the team of Prof. Oliver Spadiut

Previous employment: September 2015- August 2017 employed as a pharmacist

Competences

Languages:	Romanian (native)
	Russian (C1-level)
	English (C1-level)
	German (A1-level)
IT skills:	Expertise and proper usages with Origin, Microsoft Office, Skyline, ImageLab and Lucullus
Job-related Acquirements:	Professional & precise work in molecular biology laboratory, microbiology laboratory and fermentation laboratory

Publications and scientific contributions

Kittler, S., Ebner, J., **Besleaga, M.**, Larsbrink, J., et al., Recombinant Protein L: Production, Purification and Characterization of a Universal Binding Ligand. *Journal of Biotechnology* 2022, 359, 108-115.

Kittler, S.; Slouka, C.; Pell, A.; Lamplot, R.; **Besleaga, M.**; Ablasser, S.; Herwig, C.; Spadiut, O.; Kopp, J. Cascaded processing enables continuous upstream processing with *E. coli* BL21(DE3). *Scientific Reports* 2021, 11, 11477.

Kittler, S.; **Besleaga, M.**; Ebner, J.; Spadiut, O. Protein L—More Than Just an Affinity Ligand. *Processes* 2021, 9, 874.

Attended Conferences

11/2022 **Poster Presentation** at the European Summit of Industrial Biotechnology 2022, Graz: “*Bi-directional promoter systems facilitate expression of unspecific peroxxygenase in K. phaffii (known as P. pastoris) BSYBG11*”