

EDUCATION

PhD , <i>Vrije Universiteit Amsterdam (NL)</i>	2019 — 2023
MSc Molecular Biosciences, Major Systems Biology , <i>Universität Heidelberg (DE)</i>	2017 — 2019
BSc Biochemistry , <i>Vilniaus Universitetas (LT)</i>	2013 — 2017

WORK EXPERIENCE

Postdoctoral Researcher <i>Vrije Universiteit Amsterdam</i>	Sep 2022 — Present <i>Amsterdam, the Netherlands</i>
PhD Student <i>Vrije Universiteit Amsterdam</i>	Jul 2019 — Jun 2022 <i>Amsterdam, the Netherlands</i>
MSc Intern/Student <i>Universität Heidelberg/Heidelberg University</i>	Dec 2017 — Apr 2019 <i>Heidelberg, Germany</i>
<ul style="list-style-type: none">• MSc Thesis at the Dept. Modeling of Biological Processes (COS Heidelberg/BioQuant, Uni Heidelberg)• MSc Project at the Division of Chromatin Networks (DKFZ/BioQuant, Uni Heidelberg)• MSc Project at the Dept. Modeling of Biological Processes (COS Heidelberg/BioQuant, Uni Heidelberg)	
Guest Student/Guest Scientist <i>Center for kræftforskning, Kræftens Bekæmpelse/Danish Cancer Research Center</i>	Jun 2016 — Sep 2017 <i>Copenhagen, Denmark</i>
<ul style="list-style-type: none">• Internship at the Cell Stress and Survival Unit; <i>Guest student</i> 2016 Jun-Sep & <i>Guest scientist</i> 2017 Jul-Sep	
BSc Intern/Student <i>Vilniaus Universitetas/Vilnius University</i>	Feb 2014 — Jun 2017 <i>Vilnius, Lithuania</i>
<ul style="list-style-type: none">• BSc Thesis at the Dept. Biochemistry and Molecular Biology (Institute of Biosciences, Life Sciences Center, Vilnius University)• Internship at the Dept. Bioinformatics (Institute of Biotechnology, Life Sciences Center, Vilnius University)	

ACADEMIC RECORD

Peer-reviewed publications	12 published; 1 in preparation
Conference contributions	4 selected oral presentations, 4 seminar talks, 8 poster presentations
Supervision of students	Daily supervisor to 8 MSc and 3 BSc students
Taught courses	MSc level: 1; BSc level: 3

SKILLS

Languages	Lithuanian (native); English (Excellent); German (Intermediate); Dutch (Elementary)
Programming languages	Excellent: <i>Python</i> ; Good: <i>Matlab, R, bash</i> ; Basics: <i>C++</i>
Wet-lab skills	Major protein assays and molecular biology techniques, mammalian cell culture and imaging
Dry-lab skills	Stoichiometric and kinetic modeling, structural bioinformatics and -omics analyses

SELECTED PUBLICATIONS

(* - equal contribution; # - corresponding author)

Grigaitis, P.#, Grundel, D. A. J., van Pelt-KleinJan, E., Isaku, M., Xie, G., Mendoza Farias, S., Teusink, B., van Heerden, J. H.# (2022). A computational toolbox to investigate the metabolic potential and resource allocation in fission yeast. *mSystems*

Elseman, I. E.*, Rodriguez Prado, A.*, **Grigaitis, P.***, Garcia Albornoz, M., Harman, V., ..., & Teusink, B. (2022). Whole-cell modeling in yeast predicts compartment-specific proteome constraints that drive metabolic strategies. *Nature Communications*

Grigaitis, P., Olivier, B. G., Fiedler, T., Teusink, B., Kummer, U., & Veith, N. (2021). Protein cost allocation explains metabolic strategies in *Escherichia coli*. *Journal of Biotechnology*

EXTRACURRICULAR ACTIVITIES

Speaker for the Major Systems Biology; Molecular Biosciences Master, Universität Heidelberg	2017 — 2019
Volunteer at the Lithuanian Association of Science Olympiads (<i>Member of the Board</i> 2014-2015)	2013 — 2017