Ieva Rauluševičiūtė

Doctoral Research fellow, Bioinformatician

✉ ieva.rauluseviciute@ncmm.uio.no

📞 +47 967 07 578

🐦 @IevaRau

🖥 https://ievarau.github.io/

Key skills

Programming languages	R (main), bash, Python
Computational tools and skills	git (Bitbucket, GitHub), Snakemake, containerization (Docker, Singularity, Podman), RMarkdown, Conda, Jira, Jupyter Notebooks, HTML
Others	Inkscape, Google Workspace

Experience

April 2020 - *(deadline for thesis submission 19.04.2023)*	**Doctoral Research Fellow, Computational Biology & Gene Regulation Group at the Centre for Molecular Medicine Norway (NCMM), Nordic EMBL Partner for Molecular Medicine, University of Oslo, Oslo, *Norway*** Computational analysis of transcription factor binding and gene regulation
February 2019 - May 2019	Staff engineer at the Department of Clinical and Molecular Medicine, NTNU, *Trondheim*, *Norway*
July 2018 - February 2019	Intern at the Department of Clinical and Molecular Medicine, NTNU, *Trondheim*, *Norway*
June 2017 - June 2018	MSc student at the Department of Clinical and Molecular Medicine, NTNU, *Trondheim*, *Norway* MSc thesis *"Computational analysis of DNA methylation and gene expression patterns in prostate cancer"* Supervisors dr. Morten Beck Rye and prof. Finn Drabløs
February 2015 - June 2016	BSc student at Human Genome Research Centre, Faculty of Natural Science, Vilnius University, Lithuania BSc thesis *"Novel DNA methylation biomarkers in prostate cancer"* Supervisors dr. Kristina Daniūnaitė and prof. Sonata Jarmalaitė
June 2015 - September 2015	Vilnius iGEM 2015 team project *"Coliclock"* for iGEM 2015, Boston, USA Institute of Biotechnology, Vilnius University, *Lithuania* Supervisor prof. Virginijus Šikšnys

Selected publications

2023	**Rauluseviciute I***, Riudavets-Puig R*, Blanc-Mathieu R, Castro-Mondragon JA, Ferenc K, Kumar V, Lemma RB, Lucas J, Chèneby J, Baranasic D, Khan A, Fornes O, Gundersen S, Johansen M, Hovig E, Lenhard B, Sandelin A, Wasserman WW, Parcy F, Mathelier A JASPAR 2024: 20th anniversary of the open-access database of transcription factor binding profiles Nucleic Acids Res. in_press; doi: 10.1093/nar/gkad1059

2023 (pre-print)	**Rauluseviciute I**, Launay T, Barzaghi G, Nikumbh S, Lenhard B, Krebs AR, Castro-Mondragon JA, Mathelier A. Identification of transcription factor co-binding patterns with non-negative matrix factorization. bioRxiv. 2023:2023-04.
2021	Castro-Mondragon JA*, Riudavets-Puig R*, **Rauluseviciute I***, Berhanu Lemma R, Turchi L, Blanc-Mathieu R, Lucas J, Boddie P, Khan A, Manosalva Pérez N, Fornes O, Leung TY, Aguirre A, Hammal F, Schmelter D, Baranasic D, Ballester B, Sandelin A, Lenhard B, Vandepoele K, Wasserman WW, Parcy F, Mathelier A JASPAR 2022: the 9th release of the open-access database of transcription factor binding profiles Nucleic Acids Res. 2022 Jan 7;50(D1):D165-D173.; doi: 10.1093/nar/gkab1113
2020	**Rauluseviciute I**, Drabløs F, Rye MB. DNA hypermethylation associated with upregulated gene expression in prostate cancer demonstrates the diversity of epigenetic regulation. BMC Med Genomics. 2020 Jan 8;13(1):6. doi:10.1186/s12920-020-0657-6
2019	**Rauluseviciute I**, Drabløs F, Rye MB. DNA methylation data by sequencing: experimental approaches and recommendations for tools and pipelines for data analysis. Clin Epigenetics. 2019 Dec 12;11(1):193. doi:10.1186/s13148-019-0795-x

* co-first author

Education

August 2016 - June 2018	**MSc in Molecular Medicine, Norwegian University of Science and Technology (NTNU), Trondheim, *Norway***
September 2012 - June 2016	Bachelor's degree in Genetics, Vilnius University, *Lithuania*
September 2000- July 2012	Graduated Kaišiadorys A. Brazauskas gymnasium, *Lithuania*

Selected conference posters and talks

2022	Norwegian Bioinformatics Days, *Norway*. Research talk and poster presentation.
2022	4th EMBL partnership conference, *Germany*. Poster presentation.
2021	ISMB/ECCB 2021, v*irtual*. Research talk and poster presentation.
2021	CSHL Biology of Genomes, v*irtual*. Poster presentation.

Languages: Lithuanian is mother tongue; fluent in English, elementary proficiency in German and Norwegian; beginner in Italian.

Soft skills: public speaking, team work, project organization and management.