

SUNNIVA M. K. BØSTRAND

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EDUCATION

- Sep 2018 – Jan 2023** **The University of Edinburgh, UK**
PhD Translational Neuroscience (Wellcome Trust funded)
Thesis title: Transcriptomic profiling of glia in Huntington's disease
Supervisors: Prof Anna Williams (primary), Prof Josef Priller, Dr Luise Seeker

Rotation projects:
Exploring the relationship between alcohol use and brain age in the UK Biobank
Supervisor: Dr Toni-Kim Clarke

Exploring the role of *NKCC1* in myelin pathology in human and zebrafish CNS
Supervisor: Prof David Lyons

Phenotyping human organoids with a mutation in the ciliary enzyme INPP5E
Supervisor: Dr Thomas Theil
- Sep 2016 – Sep 2017** **The University of Oxford, UK**
MSc Neuroscience

Dissertation projects:
Investigating endocannabinoid signalling in cortical neurons derived from human iPSCs
Supervisor: Prof Colin Akerman

Intra-individual variability in sleep EEG parameters in individuals at risk for psychosis
Supervisor: Dr Katharina Wulff
- Sep 2013 – July 2016** **The University of Manchester, UK**
BSc (Hons) Psychology – 1st Class

Dissertation: Investigating the association between goal conflict and variability in sleep duration using a Perceptual Control Theory framework
Supervisor: Dr Warren Mansell

PROFESSIONAL EXPERIENCE

- Dec 2022 – Present** **BearingPoint Norway AS, Oslo, Norway**
Technology Consultant, Data and Analytics

Data scientist with a focus on health and life science, carrying out data analysis in Python. Responsible for timely and efficient management and delivery of projects, developing value proposals and building client relations.

Jan 2018 – Sep 2018 **Adaptimmune Ltd**, Abingdon, UK
Associate Scientist, Stem Cell Research
Research scientist responsible for quality control to support the development of a stem cell-derived immunotherapy for cancer, working as part of a team of 10.

CONFERENCE PRESENTATIONS

- Poster** **Bøstrand S.M.K.**, Seeker, L.A., Bestard-Cuche, N. et al. (2022, 21-25 July). Glial-specific transcriptomic changes in Huntington's disease [Poster session]. **Glia in Health and Disease, Cold Spring Harbor Laboratories, United States.**
- Talk** **Bøstrand S.M.K.**, Williams A. (2022, 16-18 September). White matter changes in Huntington's disease [Conference presentation]. **European Huntington's Disease Network Plenary Meeting, Bologna, Italy.**

SCHOLARSHIPS

- 2018** **Wellcome Trust Four-Year PhD Studentship** £150k
Awarded a four-year PhD studentship to cover stipend, UK Home fees and research costs.
- 2018** **Edinburgh Global Research Scholarship** £68k
Awarded scholarship to cover difference between Home and Overseas fees for 4 years.

GRANTS AND AWARDS

- 2022** **Wilmut Prize (awarded to best final-year PhD student)** £100
Finalist and runner-up
- 2020** **Cajal Advanced Neuroscience Training Stipend** €1,750
Awarded a partial stipend to cover the cost of attending the course "Single cell profiling and analysis in neuroscience"*
- 2020** **Deanery of Biomedical Sciences Travel Grant** £600
Awarded travel grant to cover part of the travel cost to attend Cajal Advanced Neuroscience training course.

*Course cancelled due to the COVID-19 pandemic

TEACHING AND SUPERVISION

- 2023** **Supervisor and Project Manager, Summer Internship**, BearingPoint
Martin Olderskog (MSc Indøk, NTNU)
- 2020** **Demonstrator, School of Biological Sciences**, University of Edinburgh
Teaching laboratory skills to undergraduate students in the subject "Molecules, Genes and Cells", responsible for a group of 12 students.

POSITIONS OF RESPONSIBILITY

2014 – 2016	Medical Sciences Division, University of Oxford Student Representative for MSc Neuroscience on the Graduate Joint Consultative Committee
2014 – 2015	Association of Norwegian Students Abroad, Manchester Board Member and Event Manager
2010 – 2011	Elevorganisasjonen i Møre og Romsdal, Norway Board Member / Vice President

OTHER

Publications	See separate list.
Programming	Python, R, bash, git, LaTeX, SQL.
Software	SPSS, Cytoscape, Databricks.
Training	Bioinformatics , Centre for Regenerative Medicine, University of Edinburgh, 2019 Good Clinical Practice , UK National Institute of Health and Care Research, 2017
Languages	Norwegian: Native written and oral proficiency. English: Fluent written and oral proficiency.

REFERENCES

Primary PhD Supervisor
Prof Anna Williams
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PhD Supervisor
Dr. Luise Seeker
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