

Curriculum vitae with track record – Ole Andreas Løchen Økstad

PERSONAL INFORMATION

*Family name, First name: Økstad, Ole Andreas Løchen *Date of birth: 19.10.1969

*Sex: male *Nationality: Norwegian

*Total citations: 4702, h-index: 22, i10 index: 28 (Google scholar)

EDUCATION

2000 PhD, Microbiology: Biotech. Centre of Oslo / School of Pharmacy, University of Oslo

1995 MSc Biochemistry, Biotech. Centre of Oslo / Dept. of Biochemistry, Univ. of Oslo

CURRENT AND PREVIOUS POSITIONS

2015- current Professor of Pharmaceutical Microbiology, School of Pharmacy, University of Oslo

2005-2015 Associate professor, School of Pharmacy, UiO, Oslo

2002-2005 Senior Postdoc (deputy group leader), Biotechnology Centre of Oslo, UiO

2000-2002 Postdoc (personal grant Norwegian Research Council), Biotech. Centre of Oslo, UiO

1995-2000 Ph.D. fellowship, Biotechnology Centre of Oslo and School of Pharmacy, UiO

CAREER BREAKS (if applicable)

1999 - 2000 Mandatory military service (lab, Norwegian Defense Research Establishment)

GRANTS, FELLOWSHIPS AND AWARDS

2018 iResist AMR **network grant**, funded by the Norwegian Research Council

2014-2018 Shared main author for application for CIME - Centre for Integrative Microbial Evolution (**strategy grant**, Faculty of Mathematics and Natural Sciences, UiO)

2007-2012 Main author of application for LaMDa - Laboratory for Microbial Dynamics (**strategy grant**, Faculty of Mathematics and Natural Sciences, UiO)

2007-2011 **FUGE II Channel III project grant**, Norwegian Research Council project 183421, **8 mill. Nkr**

2007 Contributor to **Project grant from VISTA (Statoil)** for postdoc: metagenomes associated with oil and gas explorations in Northern regions. **3.6 mill Nkr**

2005 Co-author of **White paper to the NIH (US)**, granted for 2005-2008. Collaborator with The Institute for Genomic Research (TIGR), USA (whole genome sequencing grant)

2002 Contributor to **Project grant from the National Science Foundation, USA.** Collaborator with The Institute for Genomic Research, USA (plasmid sequencing)

2002 Co-author of **Strategic University Programme grant** (SUP, UiO), 2002-2007 (5 years, Norwegian Research Council project 146534, **9.831.000 Nkr**).

1999 Norwegian Research Council (NFR) personal post-doc stipend

MOBILITY (*research stays abroad lasting more than three months*)

2011 Visiting scientist, Macquarie Univ, Sydney, Australia (Prof. Ian Paulsen), sabbatical

2001 Visiting scientist, University of Oxford, UK (Prof. David Sherratt). NRC fellowship

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

2005-2018 Main supervisor for 2 postdocs, 3 PhD-students and 20 master students. Co-supervisor for 6 PhD students. Administrative supervisor for one PhD student.

2002-2005 Deputy group leader, supervision of a group of 4 postdocs, 4 PhD students, master students, and two technicians

TEACHING ACTIVITIES

2005-2019 Lectures, PBL-supervision, lab exercises in microbiology, molecular biology, genomics and biochemistry (100 contact hours annually), in the following subjects: FRM1040, FRM1050, FRM2010, FRM2040 (course leader), FRM3030, FRM5810/FRM-MBV5060 (course leader), (FARM1150 (course leader), FARM2140

2013-2015 MBI 8001 Advanced course, Univ. Tromsø, and FRM9905, University of Oslo

INVITED PRESENTATIONS TO PEER-REVIEWED, INTERNATIONALLY ESTABLISHED CONFERENCES AND/OR INTERNATIONAL ADVANCED SCHOOLS

- 2018 Invited Lecturer, International Symposium on Biophysics of Microbial Adhesion, Toulouse, France (10-11 Sep). <https://biophysadh.sciencesconf.org/>
- 2015 / 2013 Invited Lecturer, MBI 8001 (Molecular and clinical aspects of infection, inflammation and immunity), Advanced course, National PhD School in Pharmacy, Tromsø.
- 2014 Invited Lecturer, FRM9905 Molecular Microbiology in Pathogenesis and Evolution. National PhD Research School in Pharmacy, University of Oslo, Norway.

ORGANISATION OF SCIENTIFIC MEETINGS

- 2017 **Member of scientific committee** for 19th International Conference on Bacilli, June 11-15, Berlin, Germany (**300 participants**)
- 2011 **Co-organizer** of ETOX 15 - European Workshop on Microbial Protein Toxins, Soria Moria Hotel & Conference Center, Oslo, Norway, **120 participants**, June 18-22
- 2008 **Vice-head** of organizing committee for BACELL2008 - International conference on European *Bacillus* research (**approx. 100 participants**)
- 2007 **Vice-head** of organizing committee for Bacillus ACT 2007 – international conference, Oslo (**326 participants, 30 countries**)
- 2003-2006 First / Second / Third Workshop on Microbial Comparative and Functional Genomics, School of Pharmacy, UiO (**head organizer**). Co-organized with the European Bioinformatics Institute (EBI) and The Institute for Genomic Research.

INSTITUTIONAL RESPONSIBILITIES

- 2013-2018 Vice-head of Centre of Integrative Microbial Evolution (CIME), MN faculty, UiO
- 2017-2020 Member of the Board, School of Pharmacy, UiO.
- 2016-present Member of two course committees, new curriculum for Pharmacy 5 year programme
- 2007-ongoing Member of Univ. of Oslo committees for planning of new UiO LifeScience building
- 2012-ongoing Member of reference group for the Computational Life Science initiative (CLSi), UiO
- 2009-2012 Deputy member of the board, School of Pharmacy (2009-2012)
- 2007-2012 Group leader in the Laboratory for Microbial Dynamics (LaMDa)
- 2007-2009 Deputy board member of EMBIO (later MLS) - Steering board for research in molecular life sciences at the University of Oslo
- 2006-2007 Member of Faculty committee for evaluation of the organisation of the board and the leadership model for the School of Pharmacy, UiO
- 1997-1998 Board member at the Biotechnology Center of Oslo, UiO

COMMISSIONS OF TRUST

- 2014-2018 Vice-head of CIME – Centre for Integrative Microbial Evolution – Emerging Top Tier Research group, MN Faculty, UiO
- 2013-ongoing Steering group member, BACELL – Organization for *Bacillus* research in Europe
- 2012-2015 Computational Life Science initiative (CLSi), Univ. Oslo, member of reference group
- 2007-2012 Group leader in the Laboratory for Microbial Dynamics (LaMDa)
- 2007-2009 Deputy board member of EMBIO (later MLS) - Steering board for research in molecular life sciences at the University of Oslo.
- 2005-present Reviewer for a wide range of scientific journals including Nucl Acids Res, PloS One

MAJOR COLLABORATIONS

- Professor Ian Paulsen, Macquarie Uni, Sydney: AMR / epidemiology in *Acinetobacter baumannii*.
- Dr. Karl Hassan, Univ. Newcastle, Australia: AMR and epidemiology in *Acinetobacter baumannii*.
- Prof. Pål Rongved, School of Pharmacy, UiO, Norway / Prof. Ørjan Samuelsen, Univ. of Tromsø, Development of new antimicrobial adjuvants against MDR resistant bacteria
- Dr. Michel Gohar, INRA, France. Biofilm formation and virulence in the *Bacillus cereus* group
- Prof. Akos Kovacs, DTU, Denmark. Cyclic-di-GMP regulation in *Bacillus* species.
- Associate prof. Marina Aspholm, Norwegian School of Veterin. Science, Oslo, Norway. Spore appendages in the *B. cereus* group – role in adhesion and biofilm formation.
- Assoc. prof. Roger Simm, Institute for Oral Biology, UiO: AMR and epidemiology in *A. baumannii*