

CV for Anders Løbner-Olesen

Employment: Professor, Department of Biology, University of Copenhagen

Education: M.Sc. Biology (1986) and Ph.D Molecular Genetics (1989), from University of Copenhagen.

Previous employment: 1991-2002 Positions as Postdoc, Assistant Professor, Associate Professor and Scientist at University of Colorado at Boulder, University of Copenhagen, DTU, Novo Nordisk A/S. 2002-2012 Professor, Roskilde University. 2012-present Professor, University of Copenhagen.

Fellowships/Awards: Scholarship from DTU (1991). CAT's innovation Prize, Roskilde University (2007).

Scientific Tasks: 1989-1992 Member of "The New Biologist" Editorial Board. Currently on the Editorial board of *Molecules* (MDPI) and Section Editor in Chief for *Antibiotics* (MDPI). Reviewer for high ranked Journals including *EMBO J.*, *Nucleic Acids Res.*, *Nature*, *PNAS*, *PLoS Gen.* and more. Grant reviewer for NSF (USA), ANR (France), MRC (UK), ARC (Belgium), Austrian Science Fund, Israeli Science Foundation, The Royal Swedish Academy of Sciences.

Administrative and Teaching experience.

Project Manager at Novo Nordisk, Manager of numerous research projects (see above). Research leader for the "Molecular and General Physiology Group" at RUC and a member of the Departmental Research Advisory Board. Member of the Research Advisory Board of Roskilde University. Committees for graduate students in Denmark, Norway and Sweden. Hiring committees for new faculty at the Assistant, Associate and Full Professor level at Roskilde University and University of Copenhagen. Member of the "Biotechnology group for bibliometriske forskningsindikatorer" under Videnskabsministeriet. Co-organizer of one international practical course (Flow Cytometry of Bacteria) and one Scandinavian initiative (1st Nordic DNA Replication Meeting, Norway). Main organizer of the EMBO Workshop on "Cell Cycle and Cytoskeletal Elements in Bacteria, Copenhagen 2006.

Participation in Major Research programs

2004-2006 One of 3 Partners in "Center for Bacterial Genetics" funded by DKK ~7 mill from the Danish Natural Sciences Research Council (SNF).

2011-2017 One of 11 partners in The Danish Centre for Antibiotic Research and Development (DanCARD), an interdisciplinary collaboration with a shared vision of winning the battle against multi-resistant bacteria.

Funded with DKK 31 mill from the Danish Council for Strategic Research.

2013-2016 One of 14 partners in "University of Copenhagen Research Centre for Control of Antibiotic Resistance (UC-CARE)" funded by DKK ~35 mill from the University of Copenhagen Excellence program.

2015-2019 One of 6 participating laboratories in "Center for Bacterial Stress Response and Persistence" funded with DKK 50 mill from the Danish National Research Foundation.

2016-2022 One of 4 partners in "Center for Peptide-Based Antibiotics" funded with DKK ~57 mill from the Challenge Programme of the Novo Nordisk Foundation.

Grants (ongoing)

AgencyAmountTitle / ALO's shareExpiration date

Novo Nordisk Challenge program57.479.842 krCenter for Peptide-Based Antibiotics: Peptide Antibiotics against Resistant Bacterial Infections. ALO's share ~8.5 mill. Main applicant is Peter E. Nielsen2022

Villum Fonden1.999.768 krEngineering biological memory in bacteria2023

Kirsten og Freddy Johansens Fond532.554 krUdvikling af det antimikrobielle peptid BP214 til behandling af multiresistente bakterier2023

Students.

>30 M.Sc students (2 ongoing), 16 Ph.D. students (2 ongoing) and 10 postdoctoral fellows (5 ongoing).

Bibliographic overview.

ORCID ID: 0000-0002-0344-6417

Scopus Author ID: 7004180764

A total of 114 peer review publications, 2 other publications and one patent. The papers have

received >4700 citations and H index is 35, determined by Web of Science ResearcherID.

First author: 12 publications

Last/corresponding author: 47