

## CV

ORCID 0000-0002-9925-067X

DATE OF BIRTH January 21 1964, Aarhus, Denmark

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### EDUCATION

1996 (August) PhD, University of Copenhagen (UCPH), Denmark

1993 (October) Master of Science, UCPH

### SCIENTIFIC FOCUS AREAS

The ecology of soil microorganisms. Microbial production and consumption of gases and volatile organic compounds. The effects of climate change on soil microorganisms and their feedbacks to climate. Microorganisms in extreme environments. Astrobiology.

### POSITIONS

2020-Full Professor, Dept. of Biology, UCPH, DK

2012-19 Professor MSO, Dept. of Biology, UCPH, DK

2004-11 Associate Professor, Dept. of Biology, UCPH, DK

2000-03 Research Associate Professor, Inst. of Molecular Biology, UCPH, DK

1999-2000 Postdoc, Michigan State University, USA

1998-1999 Postdoc, Inst. of Molecular Biology, UCPH, DK

1996-1998 Postdoc, Zoological Inst., UCPH, DK

### RESEARCH LEADERSHIP/MANAGEMENT

2023- Directional Board, Center for Volatile interactions, Dept. of Biology, UCPH

2020- PhD Coordinator, Dept. of Biology, UCPH

2012-22 Directional Board, Center for Permafrost, Dept. of Geosciences and Natural Resource Management, UCPH

2007-13 Head of Studies, Bachelor and Master Program, Faculty of Science, UCPH

### MAIN CURRENT FUNDING

2023-29 DNRF CoE, Center for Volatile Interactions (co-PI, 15% of total budget of 60 mio DKK)

2021-25 EU Horizon 2020 Biodivclim (PI, 2.3 mio DKK of total budget of 6.9 mio DKK, 1 post doc)

2020-25 NNF Interdisciplinary Synergy Project (co-PI, ca. 4.5 mio DKK of total budget of 15 mio DKK, 1 PhD, 1 postdoc, co-supervisor 1 PhD)

2020-25 EU Horizon 2020 (co-PI, 1.6 mio DKK of total budget of 117 mio DKK, 1 post doc)

2023 Leister Foundation, Switzerland, participation in Leister Expedition Go East 2023

### SUPERVISION AND TEACHING

Supervised 87 MSc students, 7 PhD students, 5 postdocs since 2002

Frequent PhD opponent/committee chairman (DK, Sweden, Norway, Germany)

Current teaching: General Microbiology, Microbial Biotechnology, Basic Arctic Biology, The Human Microbiome, Advanced

Bacteriology 2, Arctic Biology

### REVIEWER AND GRANT EVALUATION ACTIVITIES

Grant evaluator for, e.g., Austrian, Swiss and Norwegian research councils.

Ad hoc reviewer, numerous journals.

### RECENT OUTREACH

Has authored 400+ articles for newspapers, popular science magazines and books

2022 Participation at Bloom Festival on Nature and Science, Copenhagen

2021 Contribution to the exposition 'The world Is In You', Medical Museion, Copenhagen

2021 Participation at 'Life in Space', Science Faction, Comedy Zoo, Copenhagen

2021 Winner of Science Slam, Planetarium, Copenhagen

### BIBLIOMETRICS (as of July 2023)

77 peer-reviewed papers (6 book chapters)

H-index: Web of Science: 30, Google Scholar: 35

Citations: Web of Science: 4965; Google scholar: 3200

Published papers as first author: 13; as senior author: 11

### INTERNATIONAL RELATIONS (CURRENT KEY COLLABORATORS)

Riikka Rinnan, BIO, UCPH; Kathrin Rousk, BIO, UCPH; Anders Michelsen, BIO, UCPH; Flemming Ekelund, BIO, UCPH;

Lasse Riemann, BIO, UCPH; Bo Elberling, Department of Geosciences and Natural Resource Management, UCPH; Per

Ambus, Department of Geosciences and Natural Resource Management, UCPH; Uffe Gråe Jørgensen, Niels Bohr

Institute, UCPH; Jan Härter, Niels Bohr Institute, UCPH; Henrik Grum Kjærgaard, Department of Chemistry, UCPH; Frank

Aarestrup, Technical University of Denmark; Carsten Suhr Jacobsen, Aarhus University, Denmark; Lea Ellegaard-Jensen,

Aarhus University; Aline Frossard, WSL, Switzerland; Anna Romaní, University of Girona, Spain; Jean-Baptiste Ramond,

Pontificia Universidad Católica de Chile; Don Cowan, University of Pretoria, South Africa; Paul Grogan, Queens

University, Ontario, Canada; Steven Allison, University of California, Irvine, USA