

NAME	Sisse Rye Ostrowski, MD, PhD, DMSc
TITLE	Professor, Consultant, Head of Research Head of Studies for <i>Master Program in Personalized Medicine</i>
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PRIVATE	Fauerholm Allé 10, DK-2820 Gentofte. Married, two children.
DOB	5 September 1972



SCIENTIFIC FOCUS AREAS

Translational research in precision medicine through large-scale biobanks and genomic/multiomic/biomarker cohort studies, with specific focus on sex differences and inflammation in complex diseases and disorders.

EDUCATION

2001	MD, Faculty of Health and Medical Sciences, UCPH, DK [GPA 10.9/A] [Authorization ID 00SWR]
2005	PhD, Faculty of Health and Medical Sciences, UCPH, DK
2010	Dr. Medical Science (DMSc), Faculty of Health and Medical Sciences, UCPH, DK
2013	Board-certified medical specialist in Clinical Immunology, Danish Health Authority, DK
2015	Postdoctoral, Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK

POSITIONS AND EMPLOYMENT

1997-2001	Scholarship student (18 months), Dept. of Infectious Diseases, Rigshospitalet, UCPH, DK
2001-2005	PhD student (36 months), Dept. of Infectious Diseases, Rigshospitalet, UCPH, DK
2002, 2005	Maternity leave (11 months & 16 months)
2003-2004	Part-time lecturer, UCPH, DK
2006-2012	Internship/Resident (18/60 mo): Hospitals, GP & Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK
2010-2020	Medical on-call consultant in transfusion medicine, Capital Region, DK
2011-2013	External clinical PhD Lecturer, UCPH, DK
2013-2015	Postdoc (36 months), Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK
2015-2020	Clinical Research Associate Professor, UCPH, DK (5-year position)
2016-	Consultant, Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK
2017-	External examiner, National Examiner Corps, Ministry of Higher Education and Science, DK
2020-	Clinical professor, UCPH, DK (5-year position)
2020-	Head of Research, Copenhagen Hospital Biobank Unit, Rigshospitalet, UCPH, DK
2021-	Head of Studies for <i>Master Program in Personalized Medicine</i> , UCPH, DK
2022-	Coursera MOOC-course co-lead: <i>Personalised Medicine from a Nordic Perspective</i> , UCPH, DK

MAJOR ADMINISTRATIVE LEADERSHIP POSITIONS

- Head of research for Copenhagen Hospital Biobank Unit, Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK
- Head of research for Copenhagen Hospital Biobank (CHB), Rigshospitalet, UCPH, DK www.regionh.dk/biobank
- Head of research & co-lead for the Danish Blood Donor Study (DBDS) www.dbds.dk
- Chairman Bio and Genome Bank Denmark (RBGB) – Danish Blood Donor Biobank (DBB)
- Head of the Quality Control Laboratory, Dept. of Clinical Immunology, Rigshospitalet, UCPH, DK
- Head of Studies for *Master Program in Personalized Medicine*, UCPH, DK <https://personligmedicin.ku.dk/>

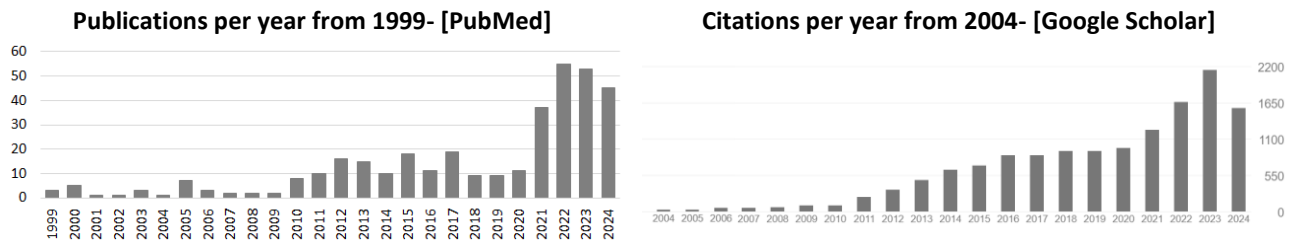
CURRENT POSITIONS OF TRUST (SELECTED)

- **Appointed member of Ministerial Working and Reference Groups:** Working group on biobank analysis [Ministry of Health]; Working group on BBMRI-ERIC (*European research infrastructure for biobanking*) [Ministry of Health, SSI]; National Genome Center (NGC) Reference Group for Advisory Board – Research and infrastructure
- **Appointed member of Steering Committees and Boards:** ENFORCE Scientific Steering Committee (*National COVID-19 vaccine safety and efficacy study*); Danish Data Science Academy (DDSA) Advisory Panel (AP); Danish Society of Clinical Immunology (DSKI); PERSIMUNE DNRF Center of Excellence executive committee; Bio and Genome Bank Denmark (RBGB) - COVID-19 Biobank
- **Key member of Greater Copenhagen Health Science Partners Clinical Academic Group (CAG):** BACINFECT; ROAD; PSYCH
- **Appointed member of Grant Review Committees:** BETA.HEALTH (Chair in 2023)
- **Appointed member of Education & Dissemination Groups/Boards:** *National Health Data Sandbox for Research and Education*, UCPH, DK; Education Counsel for School of Medical Sciences, UCPH, DK; Study Board for Professional Master's Degree, UCPH, DK; Organizing committee on the PI-DIREC-DDSA annual meeting 2024
- **Other:** Member of Appeals Board, Ethical Committee for the Pharmaceutical Industry (ENLI)

CONDENSED BIBLIOGRAPHY

H-index: 63. **i10-index:** 203 (Google Scholar). **Peer-reviewed articles:** 360 (36/57 as first/senior author). **Non-peer-reviewed:** 25. **Total citations:** 14,233. **Book chapters:** 2; **Patents:** 5; **Invited national/int. lectures:** >200/>50.

ORCID: <https://orcid.org/0000-0001-5288-3851>



REVIEWER FOR JOURNALS

More than 80 reviews including Nature Medicine, Nature Review Disease Primers, The Lancet, PNAS, Blood, Circulation, Scientific Reports, PLoS ONE, Crit. Care, Int. Care Med., J Crit. Care, Am. J Resp. Crit. Care Med., British J Anaesth., British J Haematol, British J Surgery, Biomarkers, Heart, Cardiovascular Research, Platelets etc.

PREVIOUS POSITIONS OF TRUST (SELECTED)

2012-2022 Educational inspector (Junior inspector 2013-2014), Danish Health Authority, Region East DK
2016-2021 Secretary & Cashier for the Danish Society of Clinical Immunology (DSKI)
2018-2022 Head of National Council for Immune dysfunction, Danish Society of Clinical Immunology (DSKI)
2019-2021 Vice-chair of the Danish Society of Clinical Immunology (DSKI)

LEADERSHIP COURSES (SELECTED)

2014-2015 Research Leadership (Capital Region) (8d)
2017-2018 Fast-track management of leaders (Capital Region) (20d)

CLINICAL TRIALS & INTERNATIONAL RESEARCH COLLABORATIONS

1997- Conduct of >40 approved clinical- and laboratory trials and genomic studies (PI on 18, 14 ongoing)
2013-2018 WP-lead, member of EC in FP7-HEALTH-2013-INNOVATION-1-602771-TACTIC-program
2015- PI on research collaboration with Institute Pasteur, Milieu Interieur, Paris, FR
2020- PI on research collaboration with deCODE Genetics, IS
2022- WP-lead, Horizon Europe Framework Program: HORIZON-HLTH-2021-DISEASE-04-07

GRANTS RECEIVED

Since 2020 received ~51 M DKK as main applicant and ~96 M DKK as co-applicant from the following: Alfred Benzon Foundation, Capital Region Research Foundation, Danish Cancer Society, Horizon Europe Framework Program: HORIZON-HLTH-2021-DISEASE-04, Independent Research Council (DFF) Denmark (0238-00006B, 3101-00076B), Lundbeck Foundation, Novo Nordisk Foundation (incl. Borregaard Clinical Ascending Investigator 2020 [NNF20OC0059288]; Research Infrastructure Grant 2023 [NNF23OC0082015] and Project Grant in Clinical and Translational Medicine 2023 [NNF0085430]), Rigshospitalets Research Foundation, Sygeforsikringen Danmark (2020-0178).

SUPERVISION, EVALUATION, EDUCATION DEVELOPMENT, LECTURING & TEACHING

Supervisor for: 27 PhD students (10 principal supervisor; 10 primary co-supervisor – 13 ongoing), 8 postdocs (6 ongoing, incl. 1 BRIDGE Translational Excellence Program postdoc) and 37 pre-graduate students (23 Bachelor students, 14 Master students).

Assessor and/or chairman: 14 PhD degrees: 12 MDs and 2 MSc (12 Danish, 1 Finish, 1 Icelandic) (2 ongoing).

External examiner (National Examiner Corps, Medicine): 42 BSc projects (4 ongoing) & 29 Master thesis (2 ongoing).

Educational inspector, Danish Health Authority, Eastern Region of Denmark: 9 inspections

Education development & memberships in working groups

2001- Numerous pre- and post-graduate lecturing and teaching incl. PhD courses at UCPH and hospitals
2004- Participation in several pedagogical courses
2018-2020 Appointed member of steering Committee for novel *Introductory PhD Supervision course*, UCPH, DK
2019-2020 Appointed member of *Digital Core Curriculum (DCC)-working group*, UCPH, DK
2019-2022 Appointed Member of Dept. of Clinical Medicine Council, UCPH, DK
2020-2022 Course co-lead on developing MOOC: *Personalised Medicine from a Nordic Perspective* (Nordic collaboration) <https://www.coursera.org/learn/personalised-medicine-from-a-nordic-perspective>