

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: Lyhne, Mads Dam (family name by birth: Vildbrad)

Researcher unique identifier(s): orcid: 0000-0001-5279-260X, Web of Science ResearcherID: AAK-2518-2020

Date of birth: February 4th 1986. Married, farther to four boys

Nationality: Danish

URL for web site: www.researchgate.net/profile/Mads-Lyhne,

<https://pure.au.dk/portal/da/mads.dam@clin.au.dk>

• EDUCATION

2021 PhD, Department of Clinical Medicine, Health, Aarhus University, Denmark
2015 Medical doctor, Faculty of Health, Aarhus University, Denmark
2014 Semester abroad, University of Tromsø, Norway
2012 Research Year Scholar, Faculty of Health, Aarhus University, Denmark
2010 Bachelor in Medicine, Faculty of Health, Aarhus University, Denmark

• CURRENT POSITIONS

2024 – Associate professor, Department of Clinical Medicine, Aarhus University, Denmark
2022 – Resident (speciality training)
 Department of Anaesthesiology and Intensive Care, Aarhus University Hospital, Denmark

• PREVIOUS POSITIONS

2020 – 2021 Junior speciality training, Department of Anaesthesiology, Horsens Regional Hospital, DK
2017 – 2020 PhD Fellow, Department of Clinical Medicine, Health, Aarhus University, Denmark
2016 – 2017 Junior speciality training, Department of Cardiology, Vejle Hospital, Denmark
2015 – 2016 Internship, Department of Orthopedics, Vejle Hospital, Denmark
Career breaks: Oct-Dec 2021 & Sept-Oct 2016: Paternity leave

• PUBLICATIONS

33 peer-reviewed publications, 15 as first author, 2 as last author
h-index of 10, 379 citations (Google Scholar Feb 25th 2024)

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2018 – Co-supervisor of 1 PhD-student and nine research year scholars, Department of Clinical
 Medicine, Health, Aarhus University
2024 – Main supervisor of one research year scholar, Department of Clinical Medicine
2023 Supervisor of 3 master's thesis, Aarhus University

• TEACHING ACTIVITIES

2017 – Instructor - Advanced Resuscitation, Central Region Denmark, Denmark
2017 – Instructor - Acute medical conditions, Aarhus University, Denmark
2016 – 2018 Instructor - Medical Leadership, Aarhus University, Denmark

2008 – 2015 Instructor - Human Anatomy, Aarhus University, Denmark

- **FUNDING AND AWARDS**

- 2023 NIH R01 grant (award 1R01HL168040-01, 2,6 mill. USD), grant written by prof. Christopher Kabrhel and me.
- 2021 Winner of Young Investigator Award, European Society of Cardiology – Acute Cardiovascular Care Congress
- 2021 “2021 International Travel Scholarship award”, The American Thoracic Society Congress
- 2019 Best oral presentation, PhD Day, Aarhus University, Denmark
- 2017 – 2020 Fully covered PhD Scholarship, Aarhus University, Denmark
- 2017 – 2020 Received several funding’s for PhD projects including Laerdal Foundation for Acute Medicine, totally >\$110.000.

- **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2011 Head of PR, IFMSA 60th General Assembly, 1000 participants, Denmark

- **INSTITUTIONAL RESPONSIBILITIES**

- 2023 – Group member for implementation of shared research strategy between AU and AUH
- 2015 – 2016 Elected Aarhus University graduate representative in our union, Denmark
- 2012 – 2014 Elected student representative, Department of Clinical Medicine, Aarhus University, DK
- 2009 – 2011 Member of medical students’ council, Aarhus University, Denmark
- 2008 – 2011 Local Exchange Officer, Aarhus and first president of the Nordic medical student exchange programme, IFMSA

- **COMMISSIONS OF TRUST**

- 2022+2023 Invited speaker, PRAC3 conference, Erasme University, Bruxelles
- 2021 Invited guest speaker, cardiologytalks.com on preclinical research results
- 2020 Invited guest speaker, Transonic live webinar on pressure-volume loops
- 2018 – Occasional reviewer for JACC, JACC Imaging, Journal of Heart and Lung Transplantation, Cardiovascular Drugs and Therapy, Journal of Cardiothoracic Surgery, Journal of Clinical Medicine, Experimental Physiology

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2023 – Member, Danish Society of Thrombosis and Haemostasis
- 2021 – Member, Danish Society of Anaesthesiology and Intensive Care Medicine
- 2015 – Member, Union of Young Anaesthesiologists
- 2012 – 2021 Member, European Society of Cardiology

- **MAJOR COLLABORATIONS**

Christopher Kabrhel, MD, MPH, professor at Harvard Medical School, director for Center of Vascular Emergencies, Department of Emergency Medicine, Massachusetts General Hospital, Boston, MA

John-Bjarne Hansen, MD, PhD, professor in hematology, director of Trombosis Research Center, University of Tromsø, Norway

Manuel Monreal, MD, RIETE chair, Chair of Thromboembolic Disorders, Universidad Católica San Antonio de Murcia, Barcelona, Spain

David Dudzinski, MD, assistant professor, director of Cardiac Intensive Care Unit,

Department of Cardiology, Massachusetts General Hospital, Boston, MA

Jens Erik Nielsen-Kudsk, MD, DMSc, professor, Department of Cardiology, Aarhus University Hospital, Denmark

Mannudeep Kalra, MD, professor in radiology at Harvard Medical School, Massachusetts General Hospital, Boston, MA