

Michael Asger Andersen

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Research interests

My research examines how pharmacogenetic testing can be translated into better clinical outcomes by linking insights from large-scale registry data with prospective clinical interventions. I focus on cardiovascular pharmacogenetics, including implementation of CYP2C19-guided antiplatelet therapy and investigation of SLC01B1-mediated statin intolerance.

Education

2016–2020	PhD , University of Copenhagen Supervisors: Carsten Utoft Niemann, Henrik Hjalgrim, and Jens Lundgren <i>Thesis: Real-world evidence on the risk, type and treatment of infectious complications in chronic lymphocytic leukaemia</i>
2008–2015	Medical doctor , University of Copenhagen

Professional experience

2023–2028	Fellow in Clinical Pharmacology (20% independent research time) Rotations: 2023–2024: Cardiovascular - Medical and Science, Novo Nordisk 2024–2025: Department of Endocrinology, Herlev Hospital 2025–2026: Department of Genomic Medicine, Rigshospitalet (current) 2026–2028: Department of Clinical Pharmacology, Bispebjerg and Frederiksberg Hospital
2021–2023	Resident (I-læge, clinical pharmacology) Department of Clinical Pharmacology, Bispebjerg and Frederiksberg Hospital
2020–2021	Resident (I-læge, community medicine) Infectious Disease Epidemiology & Prevention, Statens Serum Institut
2020–2020	Postdoc CLL-LAB , Department of Hematology, Rigshospitalet
2016–2020	Clinical Assistant CLL-LAB , Department of Hematology, Rigshospitalet
2015–2016	Resident (KBU) Department of Infectious Diseases and Department of Urology, Herlev Hospital

Major grants and funding (Principal Investigator: ≈DKK 5.6 million)

2025–2027	Capital Region Postdoctoral Stipend (SAMSON-2 trial (≈DKK 600), Bispebjerg and Frederiksberg Hospital
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2024–2025	Bispebjerg Hospital Postdoctoral Stipend (SAMSON-2 trial (\approx DKK 350), Bispebjerg and Frederiksberg Hospital)
2024–2027	Danish Cancer Society (development of TDM for ibrutinib (\approx DKK 2), Bispebjerg and Frederiksberg Hospital)
2018–2018	AP Møller Research Foundation (research grant (\approx DKK 100), Statens Serum Institut)
2017–2020	Research Foundation of Rigshospitalet (3-year PhD research grant (\approx DKK 1), Rigshospitalet)
2016–2016	PERSIMUNE research grant (for 1-year salary (\approx DKK 500), Rigshospitalet)

Awards & honours

2024–2024	Kampmann Second Best Oral
2023–2023	Lassen-dagen Second Best Oral , Bispebjerg and Frederiksberg Hospital
2022–2022	Best poster award , Lassen-dagen, Bispebjerg and Frederiksberg Hospital
2019–2019	Best abstract award , IWCLL conference in Edinburgh
2019–2019	Audience award , FYF's annual poster competition, Rigshospitalet
2018–2018	Best scientific visualization , ARTIS, University of Copenhagen
2017–2017	Best abstract award , IWCLL conference in New York

Teaching experience

2021–2025	Danish health registers for research weekly lecture, \approx 20 students
2021–2023	Clinical Pharmacology CRASH course instructor \approx 20 participants annually
2021–2023	SEMS course: Statistics and R programming 20 master students per course, one course per semester

Supervision

- **Primary Supervisor for PhD student:** Present (1); Graduated (0), if the current grant is awarded I will be primary supervisor for two PhD students.
- **Co-Supervisor for PhD students:** Present (0); Graduated (1):
- **Primary Supervisor for master and bachelor students:** Present (1); Graduated (4)

Academic Commissions

2025–present	Chair , Danish Society for Personalized Medicine
2023–2025	Board Member , Danish Society for Personalized Medicine
2022–present	Member , Clinical Pharmacogenetics Implementation Consortium (CPIC)

2022–present	Member , Pharmacogenomics Global Research Network
2017–2022	Webmaster and Secretary , Nordic CLL Study Group

Clinical Guidelines

- **CPIC NAT2 guideline:** Participant in the working group
- **Medical Genetics Summaries:** Simvastatin Therapy and SLCO1B1 Genotype : Reviewer

Publications

- **Total Peer-review publications:** 41
- **First and last author publications:** 7 (1 as shared last author)
- **H-index:** 17 (Google scholar, December 2025)
- **Citations:** 887 (Google scholar, December 2025)