

# H.A.M. (Rick) Mutsaers, PhD

## SUMMARY

**Biomedical scientist specializing in chronic kidney and liver disease.** In the past decade my research endeavours revolved around chronic kidney disease (CKD), metabolic-associated fatty liver disease (MAFLD) and organ fibrosis. As such, I established new translational disease models using (human) precision-cut tissue slices. Moreover, I set-up a pre-clinical animal-free drug screening platform for fibrosis with high predictive value. Currently, I am studying the inter-organ signalling networks that link various cardiometabolic diseases.

## EDUCATION

	RADBOD UNIVERSITY NIJMEGEN, NIJMEGEN, THE NETHERLANDS
2009-2014	<b>PhD</b> in Medical Science
2006-2009	<b>MSc</b> in Biomedical Sciences
2003-2006	<b>BSc</b> in Biomedical Sciences

## CURRENT & MOST RECENT POSITION

Dec 2024 – Current	<b>Associate Professor</b> AARHUS UNIVERSITY, AARHUS, DENMARK Dept. of Clinical Medicine
Nov 2021 – Nov 2024	<b>Assistant Professor</b> AARHUS UNIVERSITY, AARHUS, DENMARK Dept. of Clinical Medicine
Nov 2017 - Oct 2021	<b>Postdoctoral Researcher</b> AARHUS UNIVERSITY, AARHUS, DENMARK Dept. of Clinical Medicine
Nov 2013 - Oct 2017	<b>Postdoctoral Researcher</b> UNIVERSITY OF GRONINGEN, GRONINGEN, THE NETHERLANDS Dept. of Pharmaceutical Technology and Biopharmacy

## RESEARCH STAYS ABROAD

2013	<b>Research Fellow</b> , INSERM Unité 693, Faculté de Médecine Paris-Sud, France
2008 – 2009	<b>Student Research assistant</b> , Institute of Immunology and Infection Research, University of Edinburgh, United Kingdom
2008	<b>Student Research assistant</b> , Dept. of Neuroscience, Karolinska Institutet, Sweden

## COMMISSION OF TRUST

2019 –	Member of Doctoral Thesis Committee (n = 3)
2017 –	Member of PhD Examining Committee (n = 4)
2022 –	Editorial Board Member Biomedicines
2016 –	Editorial Board Member Frontiers in Pharmacology
2015 –	Guest Editor (Biomedicines, Nutrients, Frontiers in Medicine)

Ad hoc reviewer for >25 international peer-reviewed journals including Kidney Int, EBioMedicine, Sci Rep, Cell Mol Life Sci, FASEB J, Basic Clin Pharmacol Toxicol and Biomed Pharmacother, and foundations such as the Swiss National Science Foundation (SNSF).

## PUBLICATION STATISTICS

As per January 2025, my publication list contains **56 publications in international peer-reviewed journals including three Book chapters** (ORCID iD: 0000-0002-9553-8860). First authorships: 24, Last authorships: 7 and Corresponding authorships: 12, **H-index: 28, Citations: 2638** (Google Scholar). I have an ascending citation flow from 2011 onwards, and my field-weighted citation impact is 1.46, indicating that my papers have been cited more than the world average. Moreover, over 30% of my publications are in the top 10% most cited publications worldwide, and close to 31% of my papers are published in the 10% highest ranked journals. Additionally, 63% of my publications have international collaborators.

## AWARDS AND HONOURS

### Grants over 500K DKK

- 2024 Grant **Karen Elise Jensens Fond (DKK 2M)**:  
*Developing a human tissue-based model to study patient-specific kidney disease processes*
- 2022 **Lundbeckfonden Fellowship (DKK 10M)**:  
*Trimming the fat - targeting fatty liver disease to prevent chronic kidney failure*
- 2021 Co-applicant grant **Karen Elise Jensens Fond (DKK 2.9M)**:  
*Uremic toxins: Drivers of Cardiovascular Disease*
- 2019 Co-applicant grant **Forsøgsdyrenes Værn (DKK 620K)**:  
*Human Precision-cut kidney slices as animal-free screening tool for anti-fibrotic drug development*
- 2017 **Lundbeckfonden Postdoctoral Fellowship (DKK 1.4M)**:  
*Indoleamine 2,3-dioxygenase and cyclooxygenase-2 as therapeutic targets in renal fibrosis*

### Awards

- 2019 Meritorious Research Travel Award from the Epithelial Transport Group of the American Physiological Society.
- 2013 Travel award from the Drug Transport Focus Group of the American Association of Pharmaceutical Scientists.

## MANAGEMENT EXPERIENCE

I was lead researcher for several projects funded by, amongst others, the Lundbeck Foundation. Moreover, since 2010, I have been the daily supervisor of multiple PhD (10; 7 completed, 3 ongoing), MSc (9), and BSc (7) students in both the Netherlands and Denmark.

## PRESENTATIONS

### Oral presentations

**13** presentations at conferences in Greece, Denmark, the Netherlands, Turkey and the USA. (**Invited speaker: 3, Awarded: 2**)

### Poster presentations

Over **20** presentations at conferences in Canada, Denmark, the Netherlands, Austria and the USA.