

## SOCIAL ORIGIN

Lived 17 years in Copenhagen, 2 years in Utrecht, The Netherlands, 1 year in Avignon, France, 2 years in Sydney, ½ a year in Montreal, Canada, 15 years in Odense and 1 year in the Washinton DC area, US. Married to the love of my life and we have three children.

## ACADEMIC DIPLOMAS

May 2010: Ph.D. in Biophysics, concluded with the thesis: "Single Quantum Dot Imaging Quantification of Spectral Characteristics of Quantum Dots and Multicolour Imaging of Membrane Proteins and Lipids in Live Cells". My mentors were Professor Ole G. Mouritsen and Dr. Christoffer B. Lagerholm MEMPHYS – Center of Excellence for Biomembrane Physics, Department of Physics and Chemistry, Faculty of Science, SDU.

October 2005: Master of Molecular Biology and Physics, Concluded with the project: "Molecular basis of perturbed lamin A in Hutchinson Gilford Progeria". I was supervised by Professor Tony Weiss, University of Sydney, Australia and Professor Karsten Kristiansen, Department of Biochemistry and Molecular Biology, Faculty of Science, SDU.

July 2003: Bachelor in Molecular Biology, Concluded with the biophysical project: "Liposome mediated cellular uptake of natural and modified antisense oligonucleotides". I was supervised by Professor Karsten Kristiansen, Department of Biochemistry and Molecular Biology, Faculty of Science and Dr. Ling Miao, MEMPHYS – Center of Excellence for Biomembrane Physics, Department of Physics and Chemistry, Faculty of Science, SDU.

## SELECTED PRIZES / AWARDS / GRANTS

March 2022: SDU/Fyens Stifttidende Research Grant 25.000 kr.

June 2021: FNU travel collaboration grant 300.000 kr.

January 2021: Novo Nordisk Grant: 5.400.000 kr.

January 2018: Villum Young Investigator Grant: 8.100.000 kr.

November 2014: Carlsberg Post Doc Grant: 570.000 kr.

April 2013: Augustinus travel award: 50.000 kr.

February 2013: FNU Sapere Aude young elite researcher grant: 2.100.000 kr.

July 2007: Poster prize at European Biophysics Congress, London, United Kingdom

May 2007: Winner of Spectral Conflict Competition at Analytical and Quantitative Light Microscopy; Marine Biological Laboratory, Woods Hole, Boston, USA

## EMPLOYMENTS IN ACADEMIA

May 2019 - present: Head of Biotechnology Unit and Associate Professor at the Department of Green Technology at the Faculty of Engineering, at the University of Southern Denmark (SDU)

April 2018 - present: Associate professor and group leader for the molecular biophotonics team at the Department of Chemical Engineering, Biotechnology and Environmental Technology, now Green Technology at the Faculty of Engineering, at the University of Southern Denmark (SDU)

June 2016 – March 2018: Assistant professor and group leader for the molecular biophotonics team at the Department of Chemical Engineering, Biotechnology and Environmental Technology at the Faculty of Engineering, at the University of Southern Denmark (SDU)

July 2013 – June 2014: FNU Sapere Aude Post doc at National Institutes of Health in Jennifer Lippincott-Schwartz's Cell Organelle Section, Bethesda, Maryland, USA

October 2012 – June 2013 and July 2014 – May 2016: Post doc in Associate Professor Lene Niemann Nejsum's laboratory at the Department for Molecular Biology and Genetics, Department of Clinical Medicine and Interdisciplinary Nanoscience Center (iNANO), Aarhus University (AU)

April 2010 – September 2012: Post doc in Danish Molecular Biomedical Imaging Center (DaMBIC), University of Southern Denmark (SDU) directed by Professor Luis Bagatolli, MEMPHYS – Center of Excellence for Biomembrane Physics, Faculty of Science, SDU.

October 2009 - January 2010: Visiting Ph.D. student in Professor Paul Wisemann's laboratory at McGill University, Montreal, Canada

June 2006 - March 2010: Ph.D. student in Professor Ole G. Mouritsen's MEMPHYS - Center for Biomembrane Physics, Department of Physics and Chemistry, University of Southern Denmark (SDU)

November 2005 – May 2006: Research assistant in Professor Roger Reddel's laboratory at the Children's Medical Research Institute at The University of Sydney (USYD), Westmead Hospital Campus

September 2004 – September 2005: Masters project student in Professor Anthony S. Weiss' laboratory at USYD, Sydney Campus

## SELECTED TALKS

August 2023: Single Molecule Conference in Vienna, Austria

June 2023: Anbission Network meeting at McGill University, Montreal, Canada

March 2023: Anbission Network meeting, Akureyri, Iceland

February 2023: Biophysical Society Annual Meeting, San Diego, CA, USA  
January 2023: Anbission network meeting in Tromsø, Norway  
September 2022: PDA Pharmaceutical Microbiology Conference in Washington DC, talk given by my post doc Ruben.  
May 2021: ELMF conference Cambridge, UK, virtual  
April 2020: Selected for Focus on Microscopy, Japan, cancelled  
June 2019: Natural Product Conference, Iceland  
August 2019: Single Molecule Meeting, Delft, The Netherlands, my post doc Camilla presented  
May 2019: Focus on Microscopy, London, UK  
July 2017: International Union of Pure and Applied Biophysics / European Biophysical Societies Association Conference, Edinburgh, Scotland  
May 2016: Invited talk at the fourth Nordic super-resolution conference, Panum, KU.  
May 2016: Invited talk at the Sandbjerg meeting on membrane receptors, Sønderborg, Denmark.  
September 2015: Symposium at Skejby University Hospital on membrane proteins, Aarhus, Denmark.  
June 2015: Center for Stochastic Geometry and Advanced Bioimaging, Department of Mathematics, Aarhus University.  
May 2014: National Institutes of Health, Bethesda, USA  
May 2013: Ion Transport meeting at Sandbjerg, Sønderborg, Denmark  
April 2013: Annual Meeting in the Danish Biochemical Society, Model Organisms in Molecular Biology and Biomedical Research, Helsingør, Denmark. Invited talk.  
October 2009: McGill University, Department of Physics, Montreal, Canada  
June 2009: Annual meeting in association of Physics at the Technical University Denmark, Lyngby, Denmark. Invited talk  
March 2008: Department of Physical Chemistry, Lund, Sweden, invited talk.  
January 2008: Indian Institute of Technology, Chennai, India  
August 2007: KU, Nanoscience Center, Copenhagen, Denmark

## **SELECTED CONFERENCE AND WORKSHOP ACTIVITIES**

November 2022: X-Ray Imaging Meeting DTU, speaker.  
August 2019, 2020, 2022: Single Molecule Meeting Delft, Lausanne, Paris.  
May 2016: Fourth Nordic super-resolution conference, Panum, KU.  
May 2016: Sandbjerg meeting on membrane receptors, Sønderborg, Denmark.  
September 2015: Symposium at Skejby University Hospital, Aarhus Denmark.  
December 2009, 2012, 2013, 2015, 2016, 2017, 2018, 2022: Annual meeting of the American Association of Cell Biology, Philadelphia, Pennsylvania; San Diego, California; San Francisco, California, New Orleans, Louisiana, Washington DC.  
October 2010: LFD Workshop, Laboratory of Fluorescence Dynamics, University of California, Irvine, California  
February 2008, 2023: American Biophysics Society's annual meeting, Long Beach, San Diego.  
August 2007: EMBO Workshop: New Methods in Membrane Protein Research; Stockholm, Sweden  
July 2007: European Biophysics Congress, London, UK. Won poster prize.  
November 2006: Surface and Colloid Symposium, Lund, Sweden  
October 2006, 2010, 2011 and 2012: Annual meeting for Association of Biochemistry on Membrane proteins, Bioimaging, Frontiers in Cell Biology and Model Systems, held in Avernæs and Helsingør, Denmark  
February 2006: Lorne Cancer Conference, Lorne, Australia  
August 1999-2002: ICPS in Helsinki, Finland, Zadar, Croatia, Dublin, Ireland, Budapest, Hungary

## **ORGANIZING CONFERENCE AND WORKSHOP ACTIVITIES**

August 2023: Co-organizer for The European Biophysics Conference, scientific committee  
July 2019: Main organizer of X-ray Imaging Meeting, Odense, Denmark  
October 2018: Main organizer of The Danish Bioimaging meeting, Odense, Denmark.  
November 2011: Co-organizer of Frontiers in Cell Biology meeting in Helsingør, Denmark  
November 2010: Main Organizer of Life in 4D - Bioimaging in Space and Time meeting in Helsingør, Denmark  
May 2008: Organizer of PhD Biophysics workshop, Holbæk, Denmark  
March 2008: Organizer of joint meeting between MEMPHYS and Physical Chemistry 1 in Lund  
August 2003: Co-organizer of International Conference for Physics Students (ICPS) in Odense, Denmark

## **GRANTS AND SPONSORSHIPS**

December 2015: Awarded Lundbeck travel grant: 19.000 kr.  
November 2011 Nikon sponsorship to PhD course Fluorescence and Photonics: 10.000 kr.  
October 2011 Novo Nordisk sponsorship to Frontiers in Cell Biology, Helsingør, Denmark: 10.000 kr  
September 2010: Nikon, Zeiss, Olympus, Novo Nordisk and Andor Instruments sponsored Life in 4D, which I organized: Total 210.000 kr.  
January 2007: Awarded Lundbeck travel grant: 50.000 kr.  
August 2005: Awarded Krista and Viggo Mogensen's scholarship: 11.000 kr.  
August 2005: Awarded Human Genetic Signature (Sydney) Education Grant: 10.000 kr.  
June 2005: Awarded Virum High School travel scholarship: 3.000 kr.  
February 2005: Awarded Doctor Else Mogensen's travel scholarship: 10.000 kr.  
November 2004: Awarded Danish Bank's travel scholarship: 5000 kr.

January 2004: Awarded Novo Nordic scholarship: 60.000 kr.

## **COMMISSION OF THRUST**

August 2023 - present: Reviewer for Nature Methods.

June 2023 - present: The Danish Board on Research Misconduct.

November 2020 - present: Head of SDU TEK Equality Board & member of SDU Central Equality Board. May 2020 -

present: Member of the Advisory Board for DANFIX, The 3D Imaging Center at DTU October 2018 - present: Evaluator of Marie Skłodowska Curie Scholarships (Horizon 2020)

August 2018 - present: SDU Research Ethics Board member.

November 2011: Lecturer, programme responsible, organizer and fund raiser for the Ph.D. course "Fluorescence and Photonics", SDU

June 2009 –present: Board member of the Danish Association of Biochemistry

July 2007 – March 2010: Founder of and board member of Philos- The Ph.D. Network at the Faculty of Science at SDU

September 2006- October 2009: Coordinator for the Graduate School for Molecular Biophysics

August 2006 - January 2009: Member of the PhD study board at the faculty of science at SDU