

Professor, MD, PhD, Researchleader
Ortopaedic dept. Hospital Sønderjylland
Dept. of Regional Health Research and Institute of Molecular Medicine, SDU

1.0 Education

1.1 Academic education

1986 Doctor of Medicine, Aarhus University (January 1986).
1994 PhD program at Aarhus University. Thesis: "Glenoid bone strength and bone architecture of the normal and the rheumatoid arthritic shoulder" (degree June 6, 1994).
1996 Specialist in Orthopedic Surgery and Traumatology.
2001 Expert in Shoulder and Elbow Surgery.

2.0 Employments

2.1 Postgraduate employments

1997-2001 Staff Specialist at Aarhus University Hospital.
2001-2003 Consultant position and Randers County Hospital.
2003-2020 Senior Consultant position in Orthopedic Surgery and Traumatology, OUH
2021-Senior Consultant at Sygehus Sønderjylland.

2.2 University employments

2013 Clinical Associate Professor, Department of Clinical Research, SDU.
2014–2020 Vice head, Department of Clinical Research, SDU
2019 Affiliated Professor, Institute of Molecular Medicine, SDU.
2021-Clinical professor and Research leader, Dept. of Regional Health Research, SDU

3.0 Scientific profile

International fellowships

1996 and 2014 Visiting fellow in USA (Columbia University NY and Mayo Clinic Rochester MN)

3.1 My own research

My interests have in the last 7 years gradually merged with biomedicine studies on inflammation and regeneration of rotator cuff tissues. I have entered collaboration with a strong biomedical group resulting in a significant elevation of my academic competences and several important papers are either published or under preparation. Ongoing studies on rotator cuff lesion and the proof of inflammation in the adjacent musculature and studies of experimental rotator cuff lesion. An animal model has been developed to study muscle inflammation, degeneration and regeneration with stem cell therapy and adjuvant anti-inflammatory treatments.

This field involves several musculoskeletal researchers from a wide variety of disciplines including engineering and cell biology as well as clinical scientists and statisticians.

Our results indicate that manipulation of inflammation and stimulation with stem cells may prove important for future treatment strategies related to rotator cuff disease.

4.0 Research Management

2016- Leadership Network, SDU.
2016-2017 Research Management Course, Copenhagen Business School (CBS).
2019 Masterclass in Rhetorical Leadership, CBS.
2021 Online Compassion Cultivating Training. SDU/Stanford University, USA and SDU.

5.0 Mentership – PhD dissertations

Postdocs

Current one. Former 2

Supervisor of Ph.D. candidates: Former 2, current 1, co-supervisor of 6.

PhD thesis assessment: 2 ongoing. 3 former assessments, One as chairman

Master theses (medicine and pharmacy) at University of Southern Denmark

2 B.Sc. students. Former 4.

Pregraduate research year students (elite trail)

Main supervisor for 5 medical students

6.0 Scientific Publications

6.1 H-Index and citations

H-Index: 23 (Scopus)

Number of citations: 1375 (www.scopus.com, accessed March 2, 2023).

6.1.2 International peer-reviewed original papers

In total: 63 papers, 16 as a first author and 11 as last author.

Last 5 years: 4 papers as first authors and 6 papers as last author.

7.1.3 International peer reviewed review papers

2 papers

6.1.4 National clinical guidelines

2 guidelines, National Institute of health on referral and management of shoulder disease.

6.1.5 Book chapters

3 international book chapter and 2 danish instructional papers.

3 Danish book chapters and 1 in preparation as senior author.

6.2 Oral Presentations

100+ oral presentations. Approximately 40+ international oral presentations in the area of Biomechanics, Shoulder & Elbow disease and Rotator cuff Biology.

7.0 Grants

1991 Independent research fond/SSF DKr. 309.300 (grant 12-0242)

1992 Danish Rheumatism Association DKr. 100.000 (grant 233-753-13.4.92)

2013 Energistyrelsen. OP VENT Project. DKr. 2,5 mill. (project 345-019)

2016 Danish Rheumatism Association Dkr. 75.000 (project R150-A4380)

2017 Energistyrelsen. OP VENT-2 Project. DKr. 1.8 mill. (project 349-035)

2018 PoC Grant, SDU DKr. 190.000 (SDU:16/26555)

2018 PoC Grant, Region of Southern Denmark DKr. 360.000 (RSD/40138)

2018 Forskerkarriere puljen Region Syddanmark DKr. 360.000 (18/17929)

2018 OUH research grant Dkr. 100.000 (A3159)

2022 Aase og Ejnar Danielsens fond Dkr. 200.000