

Education

1997 M.Sc. (Cand.scient.), University of Odense / Aarhus University

2002 Ph.D, University of Southern Denmark

Employment

2000 Visiting scientist, MRC Immunochemistry University of Oxford, England

2001-2003 Research associate, Dept. Cell Biology, Duke University, NC, USA

2004-2006 Associate professor, Inst. of Molecular Medicine, University of Southern Denmark

2007- PI, associate professor, faculty affiliated, Inst. of Molecular Medicine, University of Southern Denmark

Undervisningsportfolio

1. Formel pædagogisk uddannelse

Universitetspædagogikum (2005)

Pædagogiske kurser arrangeret af Sund-SDU:

Workgroups om team-based og aktiv learning i forbindelse med praktiske øvelseskurser (2016)

2. Uddannelsesadministrative opgaver

Kursusleder for "Immunologiske teknikker" BMB51 (2015-)

Kursusleder for "Fysiologi og farmakologi for farmaceuter – modul 3: Respiration, mave-tarm-system og immunologi" SU518 (2018-)

Kursusleder for PhD kursus i flowcytometri (2010-)

3. Erfaring med undervisning, vejledning og eksamen

Har undervist siden 2003. De senere år har det især drejet sig om immunologiundervisning for medicin- og biomekanik, biomedicin og farmaceut-studerende (forelæsninger og holdtimer - og dertilhørende eksaminer).

Superviserer PhD-, speciale og bachelor-studerende.

Censor for PhD- og speciale-forsvar.

4. Metoder, materialer og redskaber

Forelæsninger (overhead, PowerPoint, tavle), holdundervisning (ditto), gruppeundervisning (tavle, immunologi-øvelser), e-tests.

5. Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser

Næstformand i IMMs undervisningsudvalg (2018-)

Formand for FUP-udvalg (Immunologi, allergi, mikrobiologi og infektionssygdomme) ved Ph.D skolen, Syddansk Universitet, (2014-)

Professional affiliations

Research council member at the Danish Society for Sclerosis, 2013-

Board member at the Danish Society for Immunology, 2006-2010, 2015-

Head of the Ph.D graduate program in Immunology, Allergology, Micro Biology & Infectious Diseases, 2014-

Head of the IMM Core Facility for Flow Cytometry and Confocal Microscopy, 2011-

Health and safety representative in the Institutional Health Committee (IMM/SDU), 2012-

Invited lectures

Over 20 invited lectures in Europe the USA

Supervisor

Of 6 PhD theses (principal supervisor of 3) and assessment of 19 doctoral Ph.D theses

Publications

ORCID-ID: 0000-0002-8186-4630

Total number of international, peer-reviewed publications 1997-2016: 55

Total number of first, corresponding and last authorships 1997-2016: 27

A total of 14 articles in high-impact journals 1997-2016: Nature (x2), PLoS Pathogens (x1), Journal of Immunology (x7), American Journal of Respiratory Cell and Molecular Biology (x3), Journal of Biological Chemistry (x1).

H-index: 20 (20 publications cited at least 20 times, based on Scholar by Google)

(<https://scholar.google.dk/citations?user=H0BwiCUAAAAJ&hl=en>) as of April 2016

Selected peer-reviewed publications in chronological order (1997-2016)

Papazian D, Chhoden T, Arge M, Vorup-Jensen T, Nielsen CH, Lund K, Würtzen PA, **Hansen S**, 2015, Effect of Polarization on Airway Epithelial Conditioning of Monocyte-Derived Dendritic Cells, *Am J Resp Cell Mol Biol* 53:368-77.

Henriksen ML, Brandt J, Andrieu JP, Nielsen C, Jensen PH, Holmskov U, Jorgensen TJ, Palarasah Y, Thielens NM, **Hansen S**, 2013, Heteromeric complexes of native collectin kidney 1 and collectin liver 1 are found in the circulation with MASPs and activate the complement system, *J Immunol.* 191:6117-27.

Henriksen ML, Brandt J, Iyer SS, Thielens NM, **Hansen S**, 2013, Characterization of the interaction between collectin 11 (CL-11, CL-K1) and nucleic acids, *Mol Immunol.* 2013 56:757-767.

Hansen S, Selman L, Palaniyar N, Ziegler K, Brandt J, Kliem A, Jonasson M, Nielsen O, Hartshorn K, Jørgensen TJD, Skjødt K, Holmskov U, 2010, Collectin 11 (CL-11, CL-K1) is a MASP-1/3-associated plasma collectin, with microbial-binding activity, *J Immunol*, 185:6096-104.

Hansen S, Lo B, Evans K, Neophytou P, Holmskov U & Wright JR, 2007, SP-D augments bacterial association but attenuates MHC class II presentation of bacterial antigens, *Am J Respir Cell Mol Biol.* 36:94-102.

Hansen S & Leslie RG, (2006) TGN1412: Scrutinizing preclinical trials of antibody-based medicines. *Nature* 441:282.

Hansen S, Holm D, Vitved L, Bendixen C, Skjødt K, Reid KBM, & Holmskov U, 2002, CL-46, A novel bovine collectin highly expressed in thymus and liver. *J Immunol* 169:7726-34.

Hansen S, Thiel S, Willis A, Holmskov U, Jensenius JC, (2000), Purification and characterization of two mannan-binding lectins from mouse serum, *J Immunol.* 164:2610-8.

Thiel S, Vorup-Jensen T, Stover CM, Schwaeble W, Laursen SB, Poulsen K, Willis AC, Eggleton P, **Hansen S**, Holmskov U, Reid KBM, Jensenius JC, (1997), A second serine protease associated with mannan-binding lectin that activates complement, *Nature* 386:506-10.