

Short curriculum vitae: Steffen S. Madsen

Web of Science data: 93 publications, 2651 citations, H-index: 35

Personal data:

Name: Steffen Søndergaard Madsen

Civil status: Married, 2 children

Address: Enghavevej 9, DK-5230 Odense M, Danmark

Position & title: Associate professor, Ph.d. (Lic. scient)

Present employment: Department of Biology, University of Southern Denmark; Campusvej 55; 5230 Odense M; Denmark

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Education and employment:

1986: M.sc. degree in Biology, Department of Biology, SDU;

1990: Ph.d. degree Department of Biology, SDU;

1990-1992: Carlsberg postdoctoral fellowship w. Prof. Howard A. Bern, U.C. Berkeley;

1992-1996: Assistant professor, Department of Biology, SDU;

1997-present: Associate professor, Department of Biology, SDU.

Scientific focus areas:

Comparative physiology, fish physiology, water- and salt-balance, endocrinology and endocrine disruption, molecular mechanisms, ion-transport, aquaporins, tight junctions.

International relations, exchanges and collaborations:

Several research trips/collaborations in France (1989), Sweden (1996), USA (1990-92, 1993, 1994, 2001, 2002, 2004, 2006, 2011), Norway (2004) and Spain (2012). Sabbatical at University of Arkansas 2012-2013. Current collaborators in USA (M. Grosell, University of Miami; C.K. Tipsmark, University of Arkansas), Norway (N. Finn, University of Bergen), Spain (J. Cerda, Recerca I Tecnologia Agroalimentaries, Barcelona), Denmark (B.M. Christensen, Aarhus University)

Teaching, supervision and mentorship:

Teaches several courses in general biology, animal physiology, fish biology, endocrinology and laboratory animal science. Supervised 2 Postdocs, 5 Ph.d.'s and 27 M.sc.'s.

Financial support and management:

1987-1989: Ph.D. grant from The Natural Science Faculty, SDU;

1988: Travel grant from SDU;

1989: Travel grant from The Danish Natural Research Council;

1989: Travel grant from The Society for Experimental Biology;

1990-1992: Fellowship from The Carlsberg Foundation;

1991: Travel grant from The Pauley Foundation;

1992: dkr. 176,000 research equipment from Danish Natural Research Council;

1992-1997: dkr. 1.250.000 grant from The Danish Natural Research Council (shared with 3 colleagues);

1993: dkr. 97,000 research equipment and travel grant from The Carlsberg Foundation;

1994: dkr. 86,000 research equipment from The Carlsberg Foundation; dkr. 30,000 research equipment from The Novo Nordisk Foundation;

1995: dkr. 50,000 research equipment from The Novo Nordisk Foundation; dkr. 100,000 research equipment from The Carlsberg Foundation;

1996: Travel grant from SDU; dkr. 38,000 research equipment from The Novo Nordisk Foundation; dkr. 432,000 research grant from The Ministry for Food, Agriculture and Fisheries; dkr. 220,000 research equipment from The Carlsberg Foundation;

1997: dkr. 382,000 grant from The Ministry for Food, Agriculture and Fisheries;

1998-2001: dkr. 1.2 mio grant from The Ministry for Food, Agriculture and Fisheries;

1999: dkr. 219,000 research equipment from The Carlsberg Foundation;

1999-2002: dkr. 700,000 research grant from The Danish Natural Research Council;

2002-2006: dkr. 700,000 research grant from The Danish Natural Research Council;

2003: dkr. 330,000 research equipment from The Carlsberg Foundation;

2007-2009: dkr. 1.1 mio grant from The Danish Natural Research Council (FNU);

2007: dkr. 250,000 research grant from The Novo Nordisk Foundation;

2008: dkr. 721,675 research equipment from The Danish Natural Research Council (FNU);

2009: dkr. 266,598 research equipment from The Danish Natural Research Council (FNU);

2010-2015: dkr. 2.2 mio research grant from The Danish Natural Research Council (FNU);

2012-2013: dkr. 150,000 Fulbright Visiting Professor Scholarship - Sabbatical at University of Arkansas, Fayetteville, AR November 2012 - August 2013;

2015-2018: dkr. 2.6 mio research grant from The Danish Natural Research Council (FNU);

Committees etc:

Board member at Institute of Biology (SDU) 2002-2004; 2017-.

Current referee for international journals: American Journal of Physiology; Aquaculture; Aquatic Toxicology; Fish Physiology and Biochemistry; Comparative Biochemistry and Physiology; General and Comparative Endocrinology; Journal of Endocrinology; Journal of Experimental Biology; Canadian Journal of Fisheries and Aquatic Sciences; Reviewer for research councils: The British Natural Science Council (NERC); The Canadian National Research Council (NSERC); Hong Kong Natural Science Research Council (RGC); The American Sea Grant Research Council; Associate Editor for Frontiers of Aquatic Physiology.

Several Ph.d. committees at Aarhus University and University of Southern Denmark.