

**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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www.sdu.dk/om\_sdu/institutter\_centre/i\_biologi/forskning/forskningsomraader/oekofysiologi/steffen+madsen

**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, fishbiology, 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.