

Susanne Mandrup – Curriculum Vitae

Susanne Mandrup is Director of the Center of Excellence in Functional Genomics and Tissue Plasticity (www.sdu.dk/en/atlas) and the Center of Adipocyte Signaling (www.sdu.dk/adiposign) and heads the Functional Genomics and Metabolism Research Unit (www.sdu.dk/bmb/functionalgenomics). Her group (www.sdu.dk/mandrupgroup) focuses on understanding the transcriptional networks regulating differentiation and function of adipocytes as well as the cellular and molecular mechanisms of adipose tissue plasticity. The group has contributed significantly to the current understanding of the interplay between transcription factors, chromatin and metabolism in the regulation of adipocyte gene expression.

Personal information

Date of birth June 3, 1962
 Nationality Danish
 Family status Married. Two children born 1989 and 1992.
 Address Præstevejen 8, Østrup, 5450 Otterup

Education

1988 Master of Science in Molecular Biology, Odense University
 1992 PhD in Biochemistry, Odense University

Employments

1992-1995 Postdoc at Dept. Biochemistry and Dept. Molecular Biology, Odense University
 1995-1996 Postdoc in Prof. M. Daniel Lane's lab, Johns Hopkins University, Baltimore, USA
 1996-1999 Assistant Professor, Dept. Molecular Biology, Odense University
 1999-2008 Associate Professor, Dept. Biochemistry and Molecular Biology, SDU
 2008- Professor, Dept. Biochemistry and Molecular Biology, SDU

Professional courses

2006-2007 Course in research management, Copenhagen Business School

Awards and honors

1994 The Simon Spies Foundation's Natural Science Research Prize
 2007 Marie Lønggaard's Award for excellence in research and teaching
 2012 Niels Schwartz Sørensen Award for Diabetes Research
 2012 Sapere Aude Advanced Grant
 2013 AcademiaNet – Expert Database for Outstanding Female Scientists and Scholars
 2014 Academia Europaea, elected member
 2015 Portrayed by Cell Metabolism as one of the leading female scientists in metabolism
 2015 Advanced Grant from the Novo Nordisk Foundation
 2016 Member of the Royal Danish Academy of Sciences and Letters
 2016 Adjunct Professor, Molecular & Integrative Physiology, University of Michigan
 2017 Novo Nordisk Foundation Lecture & Award
 2017 Member of European Molecular Biology Organization (EMBO)
 2017 Danish National Research Foundation grant to establish *Center of Excellence*
 2018 Novo Nordisk Foundation grant to establish *Center for Adipocyte Signaling*
 2019 Knight of the Order of Dannebrog
 2022 Annual research outreach prize, Science Faculty, SDU
 2024 Villum Kann Rasmussen Annual Award in Science and Technology

Commissions of trust

2000-2005 Executive board of the Danish Society for Biochemistry and Molecular Biology
 2003-2012 Danish PhD school of Metabolism, Co-founder and member of the executive board
 2005-2010 Danish Natural Science Research Council
 2008-2016 National Bibliometric Group for Molecular Biology, Cell Biology and Biotechnology
 2009-2016 Medical and Natural Science Committee, the Novo Nordisk Foundation
 2012-2017 Danish Diabetes Academy, Council and Research Committee
 2013-2014 ERC LS2 Starting Grant panel
 2015-2017 ERC LS2 Consolidator Grant panel, Chair
 2016- Functional Genomics and Metabolism Research Unit, SDU, Founder and Head

2016-	Danish Institute for Advanced Study, Chair of Biochemistry and Molecular Biology
2017-2018	Committee on Bioscience and Basic Biomedicine, the Novo Nordisk Foundation, Chair
2017-2018	Committee on International Research Leader Grants, the Novo Nordisk Foundation
2018-2021	Committee on Young Investigator Grants, Villum Foundation
2019-2022	EMBO Membership Committee
2022-2023	ERC-SyG panel member
2022-	Carlsberg Foundation Board of Directors, since 2025 vice chair
2024-	Bosch Health Campus International Advisory Board
2025-	Danish Advanced Research Academy, Board of Directors, Chair

Major local academic committees

2004-2010	PhD Study Committee at Dept. of Biochemistry and Molecular Biology, Chair
2004-2010	PhD Study Board of Natural Science
2009-2012	Academic Council, Faculty of Natural Science
2018-2020	Management Group, Danish Institute for Advanced Studies
2018-	Management Group, Dept. Biochemistry and Molecular Biology

Current Editorial and Advisory Boards

2011-	Editorial Board Trends in Endocrinology and Metabolism
2011-	Editorial Board Cell Reports
2013-	Editorial Board Molecular and Cellular Biology
2019-	Editorial Board PLOS Biology
2022-	Editorial Advisory Board Molecular Systems Biology

Ad hoc international evaluation tasks and referee work

- Expert scientific evaluator for ERC, EC FP6, FP7 and H2020 programs, European Foundation for the Study of Diabetes, National Institute of Health, numerous international research foundations
- Member of >45 PhD and faculty position evaluation committees in Denmark, Norway, Sweden, France, the Netherlands, UK and US.
- Referee for Nature, Nature Med., Nature Genet., Science, Cell, Mol. Cell, Cell Metab., Genes & Dev. etc.

Major international and national research consortia

- **X-TRA-NET** an EU FP6 STREP (2005-2009), role: coordinator.
- **MitoHealth** a Nordic Center of Excellence (2007-2013), role: member of executive board
- **AtheroRemo**, an EU FP7 large-scale project (2008-2013), role: partner
- **PATHWAY-27** (www.pathway27.eu/), EU FP7 large-scale project (2013-2018), role: partner
- **The Danish Diabetes Academy** (www.danishdiabetesacademy.dk/) supported by the Novo Nordisk Foundation (2012-2017), role: member of the Council and the Research Committee.
- **Villum Center for Bioanalytical Sciences**. Major instrumentation center at SDU, role: partner
- **Center of Excellence in Functional Genomics and Tissue Plasticity (ATLAS)**(2017-2027), role: director
- **Center for Adipocyte Signaling (ADIPOSIGN)** (2019-2027), role: director
- **ENHPATHY H2020 ITN** (2019-2023), role: WP leader
- **Human Cell Atlas** (2020-), role: coordinator of the Adipose Network
- **Novo Nordisk Foundation Center for Genomic Mechanisms of Disease at Broad Institute** (2021-2026)
- **The Danish Single Cell Examination Platform (CellIX)** (2022-2031), role: management group
- **cisCODE HORIZON doctoral network** (2026-2030)

Adjunct/visiting professors hosted by group

- Gordon Hager, Center Director, NCI, NIH, Bethesda, MD, US (H.C. Andersen Visiting Professor 2014-17)
- Ormond MacDougald, University of Michigan, Ann Arbor, US (Adjunct Professor 2016-)
- James G. Granneman, Wayne State University, Detroit, US (Visiting Professor 2017)
- M. Madan Babu, MRC Laboratory for Molecular Biology, Cambridge, UK (Adjunct Professor 2018-)

International meetings

- >210 invited lectures in Europe, Asia, and USA
- Organizer of 21 major international conferences (EMBO, Cold Spring Harbor, Cell Symposia) since 2010

Supervision

Principal supervisor since 1999 of: 30 postdocs, 43 PhD, 71 master and 108 bachelor students.