

Karen Skriver

CURRICULUM VITAE – KAREN SKRIVER

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<http://www1.bio.ku.dk/english/research/bms/research/pbg/groups/ks/>

RESEARCH

- Leads a research group with seven people in Biomolecular Sciences, Dept. Biol., UCPH
- Main research: Protein intrinsic disorder, gene regulatory networks and transcription factors
- Expertise: Protein chemistry and biology, biochemistry, applied bioinformatics, protein biophysics

EMPLOYMENT

- Study Head master's programme in Biochemistry (Sept. 23)
- Professor of Protein Biology, Dept. Biol., UCPH (20-)
- Deputy Head of Department (education), Dept. Biol., UCPH (13-19)
- Professor mso (special duties within teaching and education), Dept. Biol., UCPH (12-19)
- Associate professor MSK, Dept. Biol., UCPH (10-11)
- Associate professor, protein chemistry, Dept. Biol., UCPH (93-11)
- Staff scientist, Carlsberg Research Laboratory, Copenhagen (89-93)
- NIH-International Fogarty Fellow, The Rockefeller University, New York, and Temple U. School of Medicine, Philadelphia, with prof. E.T. Kaiser and S.C. Bock (86-89)
- Danish Cancer Society Scholar, U. Aarhus, with prof. Staffan Magnussen (84-86)

EDUCATION

- PhD in biochemistry, U. Aarhus (90)
- Cand. scient (MSc) in chemistry and biology, U. Aarhus (86)

FUNDING

- Current research grants: Research grant from the Novo Nordisk Foundation (KS PI; 2.3 mill. kr.; 23-26). The Novo Nordisk Foundation - Symposium (KS PI; 411.600 kr.; 22). Novo Nordisk Challenge grant (prof. Birthe B. Kragelund PI; KS core members; 60 mill. kr. total; 19-25). The Danish Council for Independent Research, FNU (BBK PI and KS; 3.0 mill. kr.; 19-23).
- Recent research grants: Eurostar VR education (KS KU PI; 6.3 mill. kr. total; 18-21). The Novo Nordisk Foundation (KS PI; 1.4 mill. kr.; 19-21). FNU (KS KU PI; 1.6 mill. kr.; 15-17).
- Previous research grants as PI: NIH-International Fogarty Fellowship, Danish Cancer Society, Danish Research Academy, Plasmid Foundation, Novo Nordisk Foundation, Danish Agency for Science, FTP and FNU (84-14).

RESEARCH

- June 2023: Google scholar h-index 41 (WOS 39), >9500 citations (WOS 7500), 72 peer-reviewed journal papers, 37 as corresponding author, 11 in journals with impact > 8.0; several well-cited reviews, 1 book, 6 book chapters, 4 peer review proceedings, 1 Atlas of Science, ~1 conference abstract pr. year, several popular science contributions.
- Currently leading research group with one postdoc, two PhD students, and two MSc students. Several years of experience with leading a large research group supported by external funding e.g. research grants from the Danish Council for Independent Research, FNU and FTP.

INVITATIONS

- Many invitations as speaker, e.g. Keynote speaker at 8th International Symposium on Plant Senescence, Korea 2016, and Higher Education, 5th ICLHE, CPH, 2017. Experience with arranging conferences, e.g. RETHINKING TRANSCRIPTION FACTORS, Novo Nordisk Symposium, Copenhagen 2022
- Many invited academic contributions, e.g. editor of Topical Collection "Protein ID in plant biology" Int. J. Mol. Sci., co-editor of Methods in Molecular Biology - Intrinsically Disordered Proteins – Methods and Protocols (2020), solicited review J. Biol. Chem. (2021).

STUDENTS, TEACHING & SUPERVISION

- Course coordinator of Protein Chemistry for Molecular Biomedicine and Project Course for Biochemistry. Teacher in bachelor, master and PhD courses in Protein Science. Implemented new teaching styles, e.g. VR labs (Eurostar funded). Supervisor of 91 graduated MSc students, 16 graduated PhD students, and 6 postdocs.
- Student elected teaching prize from The Faculty of Science, UCPH (98).

INTERNATIONAL COLLABORATORS

- Associate prof. Pétur Orri Heiðarsson, University of Iceland: Nuclear receptor interactions
- Prof. Lucia Strader, Duke U., North Carolina: Activation domain characterization
- Prof. Klaas Vandepoel, Gent U., Belgium: Transcription factor networks
- Prof. Gerd Jurgens, U. Tübingen: Protein regulation and interactions

NATIONAL COLLABORATORS

- Prof. Birthe Kragelund, Dept. Biol., UCPH: NMR spectroscopy
- Assoc. prof. Martin Willemoes, Dept. Biol., UCPH: Thermodynamics
- Assoc. prof. Genevieve Thon, Dept. Biol., UCPH: Transcription factor function

SELECTED PROFESSIONAL ACTIVITIES

- Int. J. Mol. Sci., editorial board (18-23)
- Virtual Science Center Denmark, consortium member (17-19)
- Biochem. J., editorial advisory panel, member (13-17)
- Deputy Head of Department (education), Dept. Biol., UCPH (13-19)
- UCPH, Review Committee, member (12-17)
- Danish Research Council for Technology and Production, steering committee (09-10)
- European research area-NET Plant Genomics, Program Board member (07-08)
- Study board, Faculty of Science, U. Copenhagen, faculty elected board member (07-10)
- Danish Research Council for Technology and Production, member of council (06-12)
- Sabbatical leave with prof. Nam-Hai Chua, The Rockefeller University, New York (03)
- Biochemistry study board, U. Copenhagen, member (02-06)
- Danish Society for Biochemistry and Molecular Biology, board member (01-04)
- Institute of Molecular Biology, UCPH, board member (96-02)
- Danish Biological Society, board member (93-97)
- Assessment and promotion committees: Frequent participation in assessment committees for positions from the professor through the postdoc to the PhD levels.
- Regularly referee for e.g. Biochem. J., the Plant Cell, Plant J., Nucleic Acids Res., J. Biol. Chem., Proc. Natl. Acad. Sci., Planta, Cell Rep
- Danish Biological Society, board member (93-97)

Karen Skriver

Professor

Biomolecular Sciences

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Ansættelse

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