



Protein quality control in Health and Disease

Date: 28-29 May 2026

Venue: The Beijer Hall, The Royal Swedish Academy of Sciences,
Lilla Frescativägen 4A, Stockholm.



Programme

DAY 1

9.00

Conference opening (Maria Masucci, Gunnar von Heijne, Nico Dan tuma)

Session I - Protein folding and molecular chaperones

9.10

David Balchin, The Crick Institute, London, UK

Topic: Pathways of protein biogenesis

10.00

Manu Hegde, LMB, Cambridge, UK

Topic: The machinery and mechanisms of membrane protein biogenesis

10.50 Coffee break

11.10

Lea Sistonen, Åbo Akademi University, Turku, Finland

Topic: Heat shock response

12.00

Lunch

Session II - Ribosomal and ER stress responses

13.30

Claudio Joazeiro, Heidelberg University, Heidelberg, Germany

Topic: Ribosome-associated Quality Control (RQC): mechanisms, evolution, and roles in neurodegeneration



14.20

Jesper Svejstrup, University of Copenhagen, Copenhagen, Denmark
Topic: "Transcriptional buffering of RNA polymerase II availability"

15.10

Coffee break

15.30

Oscar Fernandez-Capetillo, Karolinska Institutet, Solna, Sweden
Topic: The accumulation of orphan ribosomal proteins as a hallmark of neurodegeneration

16.00

Anniina Vihervaara, Royal Institute of Technology, Stockholm, Sweden
Topic: Transcriptional responses to proteotoxicity: from the instant heat shock response to the slow progression of neurodegeneration

16.30

Per Nilsson, Karolinska Institutet, Solna, Sweden
Topic: The role of autophagy in amyloid beta and tau metabolism in Alzheimer's disease

17.00

Claes Andreasson, Stockholm University, Stockholm, Sweden
Topic: "Generalist and dedicated chaperones at the ribosome"

17.30

Concluding remarks day 1

DAY 2

Session III - Proteostasis and the ubiquitin-proteasome system

9.00

Sylvie Urbé, University of Liverpool, Liverpool, UK
Topic: Deubiquitinases (DUBs) and protein quality control

9.50

Yogesh Kulathu, University of Dundee, Dundee, UK
Topic: Regulation of ER-associated quality control by UFMylation

10.40

Coffee break

Session IV - Proteostasis and autophagy

11.00

Terje Johansen, University of Tromsø, Norway
Topic: Substrate selective autophagy

11.50

Fulvio Reggiori University of Aarhus, Denmark
Topic: ER-phagy



12.40

Lunch

Session V - Proteostasis in disease

14.10

Anne Bertolotti, MRC Laboratory of Molecular Biology, Cambridge, UK

Topic: Protein synthesis and disease

15.00

Thorsten Hoppe, University of Cologne

Topic: Cellular Mechanisms to Organismal Aging: Proteostasis in Longevity and

15.50

Coffee break

16.10

Giovanna Mallucci, University of Cambridge, UK

Topic: Neurodegeneration and the Integrated stress response

17.00

Davide Ruggero, UCSF, San Francisco, USA

Topic: Remodelling of translation in cancer

17.50

Concluding remarks day 2 (Maria Masucci, Gunnar von Heijne, Nico Dantuma)