



# TWIN2PIPSA

## Twinning for Excellence in Biophysics of Protein Interactions & Self-Assembly

### Plenary Conference Series 1-3 February 23

Faculdade Ciências Universidade de Lisboa  
FCiências.ID auditorium (Floor 3, Building C1)

Wednesday, February 1<sup>st</sup> | 14:30



#### Thermodynamic and kinetic approaches for drug discovery to target protein misfolding and aggregation

Michele Vendruscolo (University of Cambridge)

Michele Vendruscolo is Professor of Biophysics at the Department of Chemistry, University of Cambridge, where he is also co-director of the Centre for Misfolding Diseases. His research focuses on the development of methods for characterising the structure, dynamics, and interactions of proteins in previously inaccessible states, and its application to neurodegenerative diseases, including the development of therapeutic strategies. URL: <https://www.ch.cam.ac.uk/person/mv245>

Thursday, February 2<sup>nd</sup> | 14:30



#### Peptide and Metabolite Assembly: Physiology, Pathology, and Nanotechnology

Ehud Gazit (Tel Aviv University)

Ehud Gazit is Professor of Biotechnology at the Department of Molecular Microbiology and Biotechnology, Tel Aviv University. His research focuses on molecular structure and self-assembly at the nanoscale in different fields including amyloid diseases, diabetes, virology, and metabolic disorders. URL: <https://www.gazitlab.sites.tau.ac.il/research>

Friday, February 3<sup>rd</sup> | 12:00



#### Understanding the origins of loss of protein function using analyses of protein stability and conservation

Kresten Lindorff-Larsen (University of Copenhagen)

Kresten Lindorff-Larsen is Professor of Biomolecular Sciences at the Department of Biology, University of Copenhagen. His research focuses on protein dynamics and their relationship to protein structure and function. To understand how the ability of proteins to change their shape help modulate, or determine their function, Prof. Lindorff-Larsen integrates computational methods with experimental studies. URL: <https://www1.bio.ku.dk/english/research/bms/sbinlab/kll/>

<http://twin2pipsa.campus.ciencias.ulisboa.pt/>

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