

**Meeting del Gruppo Proteine
della Società Italiana di
Biochimica (SIB)**



CNR
Istituto di Biostrutture
e Bioimmagini

PROTEINE 2026



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**Structural and functional characterization of proteins
and their modulation**

**MAY 20-22, 2026
Fisciano Campus
University of Salerno**

Conference Chairs:

Anna Marabotti – Unisa

Emilia Pedone – IBB CNR

Ivana Caputo – Unisa

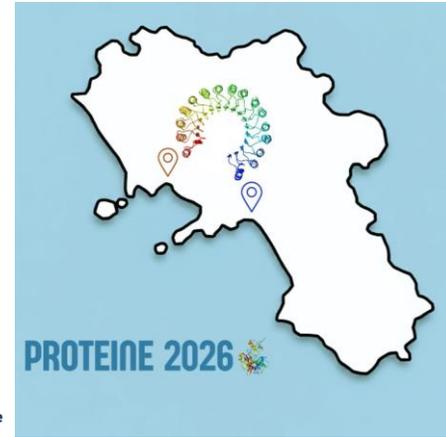
Fabrizio Dal Piaz – Unisa

Sonia Di Gaetano – IBB CNR

Luciano Pirone – IBB CNR

Update March 2nd, 2026

Meeting del Gruppo Proteine della Società Italiana di Biochimica (SIB)



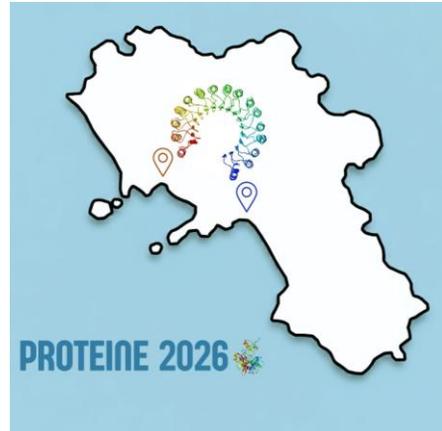
Session Topics:

- 1) Unraveling Structure and Disorder: The Next Frontier in Protein-Based Therapeutics
- 2) How Proteins Recognize and Modulate Nucleic Acids
- 3) Computational Frontiers: Predicting and Understanding Protein Structure and Function
- 4) Engineering Proteins for Innovation: Biotechnological Applications from Design to Function
- 5) Mapping the Protein Universe: Advances in Proteomic Approaches and Applications
- 6) Nutrition and the Environment: Interdisciplinary Approaches to Sustainable Health
- 7) Shaping Boundaries: Protein–Membrane and Extracellular Protein Interactions in Cell Dynamics, Tissue Architecture, and Signaling
- 8) Protein Structure: Linking Molecules to Mechanisms

Invited speakers:

- Luana Licata, University of Roma “Tor Vergata”, Italy
- Annalisa Pastore, King’s College London, UK
- Peter Tompa, VIB SBRC, Brussels, BE
- Elisabetta Verderio Edwards, University of Nottingham, UK

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Preliminary Program

Wed 20 May:

- h. 9.00 – 12.30: Training 1:** «Biological networks: topological analysis and visualization using Cytoscape software». In collaboration with [ELIXIR-IT Training Platform](#)
- h. 12.45 – 14.30: Registration and conference opening**
- h. 14.30 - 15.15: Invited speaker: P. Tompa. Title:** «*Targeting IDPs: a challenge and an opportunity in drug development*»
- h. 15.15 – 16.30: Session 1: Unraveling structure and disorder: The next frontier in protein based therapeutics** (Chairs: E. Pedone – CNR-IBB and M. L. Bellone – Univ. of Salerno)
 - h. 15.15-15.35: 1 selected keynote speaker
 - h. 15.35 -16.20: 3 selected oral communications
 - h. 16.20-16.30: 2 selected flash presentations
- h. 16.30 – 17.00: Coffee break + poster session**
- h. 17.00 – 18.15: Session 2: How proteins recognize and modulate nucleic acids** (Chairs: F. Cutruzzolà – Sapienza Univ. of Rome and M. Genta – Univ. Piemonte Orientale)
 - h. 17.00-17.20: 1 selected keynote speaker
 - h. 17.20 -18.05: 3 selected oral communications
 - h. 18.05-18.15: 2 selected flash presentations
- h. 18.30 – 20.00: Welcome cocktail**

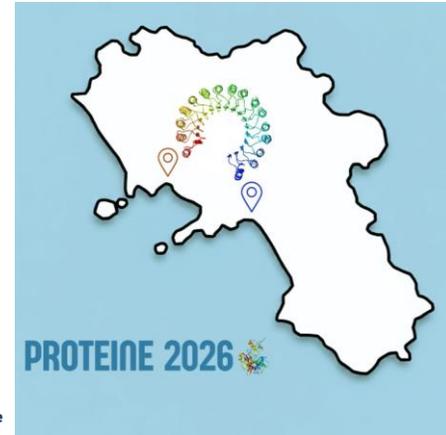
Thu 21 May (morning):

- h. 9.00 – 10.15: Session 3: Computational frontiers: Predicting and understanding protein structure and function** (Chairs A. Marabotti – Univ. of Salerno and G. Babbi – Univ. of Bologna)
 - h. 9.00 - 9.20: 1 selected keynote speaker
 - h. 9.20 – 10.05: 3 selected oral communications
 - h. 10.05-10.15: 2 selected flash presentations
- h. 10.15 - 11.00: Invited speaker: L. Licata. Title:** «*Decoding disease: Using molecular networks to understand complex diseases*»
- h. 11.00 - 11.30: Coffee break + poster session**
- h. 11.30 – 12.45: Session 4: Engineering proteins for Innovation: Biotechnological applications from design to function** (Chairs: S. Di Gaetano – CNR-IBB and M. Monticelli– Univ. «Federico II», Naples)
 - h. 11.30 – 11.50: 1 selected keynote speaker
 - h. 11.50 – 12.35: 3 selected oral communications
 - h. 12.35 – 12.45: 2 selected flash presentations

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Preliminary Program (continuation)

Thu 21 May (afternoon):

h. 12.45 – 14.30: Lunch + poster session + exhibitors

h. 14.30 - 15.15: Invited speaker: A. Pastore. Title: "The role of RNA in neurodegeneration"

h. 15.15 – 16.30: Session 5: Mapping the protein universe: Advances in proteomic approaches and applications (Chairs: F. Dal Piaz – Univ. of Salerno and I. Iacobucci – Univ. «Federico II» Naples)

h. 15.15-15.35: 1 selected keynote speaker

h. 15.35 -16.20: 3 selected oral communications

h. 16.20-16.30: 2 selected flash presentations

h. 16.30 – 17.00: Coffee break + poster session

h. 17.00 – 18.15: Session 6: Nutrition and the environment: Interdisciplinary approaches to sustainable health (Chairs: L. Pirone – CNR-IBB and F. Tonolo– Univ. Padua)

h. 17.00 – 17.20: 1 selected keynote speaker

h. 17.20 – 18.05: 3 selected oral communications

h. 18.05 – 18.15: 2 selected flash presentations

h. 20.00 – 23.00: Social dinner

Fri 22 May:

h. 9.00 – 10.15: Session 7: Shaping boundaries: Protein-membrane and extracellular protein interactions in cell dynamics, tissue architecture and signaling (Chairs I. Caputo – Univ. of Salerno and R. Piccarducci – Univ. of Pisa)

h. 9.00 - 9.20: 1 selected keynote speaker

h. 9.20 – 10.05: 3 selected oral communications

h. 10.05-10.15: 2 selected flash presentations

h. 10.15 - 11.00: Invited speaker: E. Verderio Edwards. Title: "Orchestrating the Extracellular Space: Transglutaminase in EV-Cell-ECM Crosstalk"

h. 11.00 - 11.30: Coffee break + poster session

h. 11.30 – 12.45: Session 8: Protein structure: Linking molecules to mechanisms (Chairs: G. Tedeschi –Univ. of Milan and M. Filocaso – CNR-IBB)

h. 11.30 – 11.50: 1 selected keynote speaker

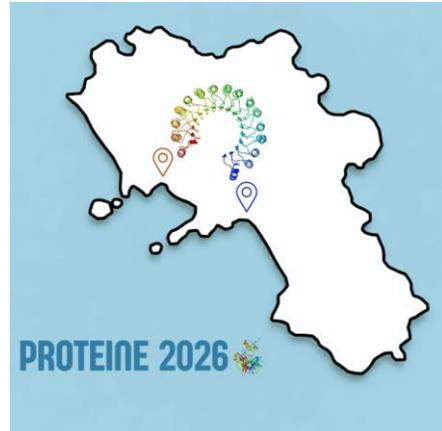
h. 11.50 – 12.35: 3 selected oral communications

h. 12.35 – 12.45: 2 selected flash presentations

h. 12.45 – 13.00: Closing remarks

h. 14.15 – 17.00: Parallel training 2 (Larval zebrafish as a model for studying protein unfolding) and training 3 (workshop on proteomics)

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SCIENTIFIC COMMITTEE

Francesca Cutruzzolà (Sapienza University of Rome)
Alessandro Arcovito (University "Cattolica del Sacro Cuore" of Milan)
Beatrice Cobucci-Ponzano (CNR- IBBR)
Giovanna Grimaldi (CNR-IEOMI)
Stefania Martucciello (University of Salerno)
Riccardo Miggiano (University of Piemonte Orientale)
Gaetana Paoletta (University of Salerno)
Stefano Ricagno (University of Milan)
Mauro Salvi (University of Padua)
Mariafrancesca Scalise (University of Calabria)

YOUNG

Maria Laura Bellone (University of Salerno)
Martina Filocaso (CNR-IBB)
Maria Monticelli (University of Naples "Federico II", CNR- ICB)
Rebecca Piccarducci (University of Pisa)

LOCAL ORGANIZING COMMITTEE

Maria Diletta Cinque
Viviana Izzo
Ornella Molto
Carmelina Pascale
Antonio Massimiliano Romanelli
Alessandra Rosati
Vincenzo Vestuto
Ilaria Vitale