

Scientific Program

09:00-10:30 - Registration

10:30-10:45 - Welcome and introduction to FEBS 2024

10:45-11:45 - Keynote Lecture

Chaired by Stefania Mitola and Elisabetta Grillo

Prof. Menico Rizzi, University of Piemonte Orientale

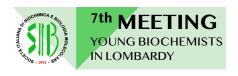
The invariantly important elements of modern research activity that can sustain changing roles along an academic career

11:45-13:30 - Light lunch and Poster session

13:30-14:20 - Session 1

Chaired by Magdalena Gryzik and Mattia Domenichini

- **S01 Luca Broggini,** IRCCS Policlinico San Donato Nanobodies as novel tools to target cardiac light chain amyloidosis
- **S02 Marina Casiraghi**, University of Milan *Molecular insights into G-protein specificity and biased agonism at the β2-adrenergic receptor*



- **S03 Greta Bianchi**, University of Milano Bicocca *Cheese-whey permeate as an alternative, sustainable inducer for Escherichia coli recombinant protein production*
- **S04 Giulia Ceravolo**, University of Milan Studies about the antifungal bioactivity and bioavailability of enzymaticgenerated peptides from okara

14:20-14:30 - Meet the Sponsor

Valerio Galbusera, PhD, Account Manager Discovery Cytiva *Purification of Exosomes using core bead technology*

14:30-15:20 - Session 2

Chaired by Chiara Motta and Riccardo Miggiano

- **S05 Cristina Volpini**, University of Pavia

 Anti-CD44 Gold Nanoparticles as innovative targeted photothermal therapy for endometriosis
- **S06 Lara Coppi**, University of Milan *HDAC3 regulates ferroptosis and adipocyte turnover*
- **S07 Marianna Genta**, University of Piemonte Orientale

 Nucleotide Excision Repair in Mycobacterium tuberculosis: a Cryo-EM snapshot of the damage recognition process
- **S08 Marco Orlando**, University of Milano Bicocca

 An in-silico workflow based on deep learning methods for sequence-based screening of enzymes: the case of glycoside hydrolase 3 family

15:20-15:40 - Coffee Break

15:40-16:30 - Session 3

Chaired by Francesca Grassi Scalvini and Marco Mangiagalli

- **S09 - Marta Alberti**, University of Piemonte Orientale *Innovative approach in host and pathogen-directed therapies: Dihydroorotate Dehydrogenase as novel antitubercular target*



- **S10 Carolina Miguel**, University of Pavia *Tailor-made silk fibroin bone marrow niches to guide human hematopoietic stem and progenitor cell functions towards megakaryopoiesis*
- **S11-Filippo Molinari**, University of Insubria *Biotechnological production of cis,cis-muconic acid from renewable lignin-derived feedstock*
- **S12 Sarita Puri**, University of Milan

 The Cryo-EM structure of renal amyloid fibrils suggests structurally homogeneous multiorgan aggregation in AL amyloidosis

16:30-17:20 - Session 4

Chaired by Erika Zangelmi and Federico Stanley

- **S13 Michele Tiberi**, University of Milan

 An integrated structural biology approach to unravel the molecular interplay between transcription factors
- **S14-Federica Cirillo**, IRCCS Policlinico San Donato

 Pharmacological activation of the HIF-1a pathway regulates satellite cells' fate
 in adult mice through histone lactylation
- **S15 Michela Corsini**, University of Brescia

 ECM of VEGFR2R1032Q mutant melanoma alters mechanotransduction and metabolism in tumor-associated endothelial cells
- **S16 Elisa Restivo**, University of Pavia *Human monoclonal antibodies anti-staphylococcal collagen adhesin CAN*

17:20-17:30 - Closing meeting and award ceremony



Useful information

Venue

Università degli Studi di Brescia Dipartimento di Medicina Molecolare e Traslazionale Aula Consiliare, Viale Europa 11, 25123 - Brescia

Scientific Program Committee

Antonio Chaves, Elisabetta Grillo, Marco Piccoli, Giampiero Pietrocola, Farida Tripodi

Organizing Committee

Ilaria Canobbio, Paola Coccetti, Paola Corsetto, Louise Gourlay, Stefania Mitola, Elena Rosini

Contact us at gargnano.biochim@unimi.it

Awards

During the event, 1 Best Oral presentation and 1 Best Poster presentation awards will be assigned. Award recipients will be offered with one-year subscription to the Italian Society of Biochemistry and Molecular Biology.



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