



FEBS-IUBMB-**enable** Conference

4th International Molecular Biosciences PhD and Postdoc
Conference

Glasgow 2025



Bridging Minds

Interdisciplinary research for the future of life sciences

10th-12th September 2025
CRUK Scotland Institute, Glasgow

Stay tuned for updates!

www.febs-iubmb-enableconference.org



WHAT IS FEBS-IUBMB-ENABLE CONFERENCE?

The **FEBS-IUBMB-ENABLE** conference is an international, interdisciplinary three-day event entirely organized by and for young researchers – PhD students and postdocs – from the molecular life sciences disciplines, bringing together up to 300 participants from all over the world.

This FEBS-IUBMB-ENABLE 2025 conference series is a collaborative initiative involving the **Federation of European Biochemical Societies** (FEBS), the **International Union of Biochemistry and Molecular Biology** (IUBMB), and the **European Academy for Biomedical Science** (ENABLE), the latest including key research institution such as the Institute for Research in Biomedicine Barcelona – IRB (Barcelona, Spain), the Research Institute of Radboudumc (Nijmegen, The Netherlands) and the European School of Molecular Medicine – SEMM (Milan, Italy). Additional partners in the collaboration include the Institute of Biomedicine of Seville – IBiS (Seville, Spain), the Nanyang Technological University - NTU (Singapore) and the Cancer Research Scotland Institute – CRUK (Glasgow, United Kingdom), the designated location for 2025 event.

FEBS-IUBMB-ENABLE 2025 conference aims to promote excellence in molecular life sciences, linking science, career, and communication with the public. For this purpose, the annual gatherings comprise various parts: a scientific symposium, which seeks to explore the latest research and pioneering developments in biomedical research; a wide range of activities focused on employment opportunities, including a career day, career workshops and a job fair, as well as diverse outreach activities to engage with the public, thereby giving all stakeholders a voice on biomedical discoveries.



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MORE ABOUT FEBS, IUBMB and ENABLE

FEBS | The Federation of European Biochemical Societies

The Federation of European Biochemical Societies, founded in 1964, is one of Europe's largest organizations in the molecular life sciences. It has over 35,000 members across more than 35 biochemistry and molecular biology societies (its 'Constituent Societies') in different countries of Europe and neighbouring regions. FEBS promotes and supports biochemistry, molecular biology, cell biology, molecular biophysics, and related research areas through its journals, Congress and Young Scientists' Forum, advanced courses, fellowships, and other initiatives, some of them in collaboration with other organizations such as IUBMB, PABMB and EMBO.

IUBMB | The International Union of Biochemistry and Molecular Biology

The International Union of Biochemistry and Molecular Biology, founded in 1955, unites biochemists and molecular biologists in 75 countries and regions that belong to the Union as an Adhering Body or Associate Adhering Body represented by a biochemical society, a national research council or an academy of sciences. The IUBMB is devoted to promoting research and education in biochemistry and molecular biology throughout the world and gives particular attention to promoting opportunities for trainees in areas where biomolecular science is less developed. It achieves this in several ways: a triennial international congress, focused meetings, workshops, symposia, fellowships, and journals. The IUBMB works closely with the four Regional Organizations that unite the biochemical societies of Asia and Oceania (FAOBMB), Europe (FEBS), the Americas (PABMB), and Africa (FASBMB).

ENABLE | European Academy for Biomedical Science

ENABLE started in 2017 as an initiative funded by the European Union Horizon 2020 program to promote European excellence in biomedical science with an annual 3-day international event that included a scientific symposium, career development sessions, and outreach activities. ENABLE was founded by four renowned European research institutes: IRB in Barcelona (Spain), RIMLS in Nijmegen (The Netherlands), NNF CPR in Copenhagen (Denmark), and SEMM in Milan (Italy) as well as an innovative science communication agency (Scienseed).

Since 2022, FEBS and IUBMB, who sponsored all the previous ENABLE conferences, have secured the continuity with the FEBS-IUBMB-ENABLE conferences for 2022-2025, making this an international event for young scientists from all around the world. In addition to the four research institutes that started the project, IBiS in Seville (Spain), University of Cologne (Germany) and Nanyang Technological University (Singapore) have also been involved in the organization, serving as host institutes for the conferences held in 2022, 2023 and 2024.





KEY INFORMATION

● WHAT

The title of FEBS-IUBMB-ENABLE 2025 conference is **“Bridging Minds: Interdisciplinary research for the future of life sciences”**. This conference will bring young scientists together and keep them at the forefront of the latest developments in the field of life science.

Focusing on interdisciplinary research, the conference will explore the convergence of diverse scientific fields within biomedical research. The program is tailored to engage a wide audience, including both experimental and computational scientists, biologist, chemist and medical doctors, highlighting the importance of cross-disciplinary collaborations in driving scientific innovation. Additionally, the conference will feature stimulating debates, offering a unique opportunity for the scientific community to engage with the public and foster meaningful discussions.

● WHO

Unlike most other conferences, the program is entirely devised by young researchers.

The FEBS-IUBMB-ENABLE 2025 conference will include about 300 PhD students and postdocs, while the outreach activities will engage with local citizens, students, and the scientific community. Keynote lectures will be delivered by international experts, and the opportunity fair will feature industry professionals in the biotechnological and pharmaceutical sectors.

● WHEN

10th-12th September 2025

● WHERE

FEBS-IUBMB-ENABLE 2025 conference will be hosted by the Cancer Research UK Scotland institute at the James McCune Smith Learning Hub of the University of Glasgow

Founded in 2003, the CRUK Scotland Institute plays a vital role in understanding the biology of cancer and developing innovative treatments, focusing on both basic and translational research. The institute is renowned for its interdisciplinary approach, fostering collaboration between researchers and clinicians, and its commitment to translating scientific breakthroughs into clinical practice, ultimately aiming to improve patient outcomes and reduce cancer incidence.

For more information, please visit: <https://www.crukscotlandinstitute.ac.uk/about.html>



CONFIRMED KEYNOTE SPEAKERS



- **Dario Alessi**

IUBMB President, Leader of the MRC Protein Phosphorylation and Ubiquitylation Unit at the University of Dundee.

His work focuses on better understanding, treating, and preventing Parkinson's disease. He is passionate about mentorship, open science, sharing knowledge, and fostering a collaborative culture.



- **Hanneke Schuitemaker**

Chief Scientific Officer at Valneva, Professor in Virology at the Amsterdam University Medical Center

During her over 20-year career, she has specialized in studying the pathogenesis of HIV infection and is responsible for preclinical and translational studies on vaccines against Chikungunya, Lyme disease, Zika, Shigella, EBV and ETEC.



- **John F. Cryan**

Professor & Chair, Department of Anatomy & Neuroscience, University College Cork; Vice President for Research & Innovation

With over 650 peer-reviewed articles, his research focuses on understanding the interactions between brain, gut, and microbiome during key time-windows across the life.



- **Lauriane Cabon**

Leader of the Applied Organoid Technologies at the Insititute of Human Biology in Basel

Her research focuses on developing organoid-based drug development assays by integrating clinical evidence and preclinical models. She advanced in vitro preclinical assessment of immunotherapies using human-relevant 3D platforms in pRED pharmaceutical sciences.

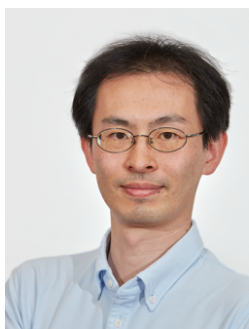
CONFIRMED KEYNOTE SPEAKERS



- **Andrea Ganna**

Associate professor at Institute for Molecular Medicine Finland FIMM, HiLIFE and research associate at Massachusset General Hospital.

His research interests lie at the intersection of epidemiology, genetics, and statistics. He co-leads the INTERVENE consortium, which aims to integrate AI and human genetics tools for disease prevention and diagnosis across European biobanks.



- **Hiroki Asari**

Leader of the Visual systems neuroscience group at EMBL in Rome, joint appointment with the Developmental Biology Unit.

His studies focused on how the vertebrate retina processes visual information. Since joining EMBL, he has been addressing both basic and translational questions about early visual processing using experimental and computational approaches in mice.



- **Anna Urciolo**

Associate Professor at the Department of Molecular Medicine, University of Padova, and Honorary Lecturer at University College London.

She leads the Neuromuscular Engineering Lab, focusing on skeletal muscle development, regeneration, and disease. Her research integrates tissue engineering and hiPSC technologies to develop advanced neuromuscular organoids for disease modeling and regenerative medicine.



- **María Rodríguez Martínez**

Associate Professor in Biomedical Informatics and Data Science at the Yale School of Medicine.

Her research integrates machine learning and computational biology to study complex diseases like cancer and develop novel immunotherapies.

Previously, she led systems biology research at IBM Research Europe, focusing on cancer modeling and EU-funded consortia..

THE VENUE

The James McCune Smith Learning Hub is a world-leading learning and teaching facility named after the prominent civil rights activist and first African American to be awarded a medical degree, awarded by the University of Glasgow in 1837. This building is an homage to his tenacity and a reminder to the importance of representation and inclusivity in scientific research.



THE ORGANIZING COMMITTEE

The organizing committee of the FEBS-IUBMB-ENABLE Conference is dedicated to creating a unique platform by early-career researchers, for early-career researchers. As PhD students and postdocs from leading European institutions, we understand the challenges and aspirations of the next generation of scientists. That's why we strive to foster an engaging and supportive environment for scientific exchange, career development, and networking. Our goal is to empower fellow young researchers, providing them with opportunities to share their work, connect with peers, and shape the future of life sciences together.

Our Scientific Organizing Committee



Our Local Organizing Committee





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