

# ChemBioParis2025

approaching **biology** through **chemistry**

ICBS / ECBS joint meeting

# PARIS 2025

Sorbonne Université – October 6–9, 2025

**Short Booklet**



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# WELCOME

## Welcome to ChemBioParis2025

It is our great pleasure to welcome you to Paris, the “City of Light,” for ChemBioParis2025, the first joint edition of the ICBS Annual Conference and the European Chemical Biology Symposium (ECBS) hosted in France, co-organized by ICBS, ChemBioLife (EuChemS), EU-OPENSREEN, and SCF-ChemBio (French Chemical Society).

While a joint ICBS–ECBS meeting was previously held in Berlin in 2015, ChemBioParis2025 marks a new chapter for global and European collaborations, bringing together researchers from across the world to explore the frontiers of chemistry, biology, and medicine.

The conference opens with the Trainee Symposium, shining a spotlight on the exceptional work of early-career scientists. The program features a distinguished lineup of keynote speakers, including the ICBS Global Lectureship Award recipient, and spans a rich diversity of topics: chemical glycobiology, chemical inducers of proximity, targeting RNA, chemoproteomics-enabled drug discovery, and natural products in chemical biology, alongside sessions celebrating rising stars and awarding outstanding contributions from EuChemS ChemBioLife and SCF-ChemBio.

Beyond the lectures and discussions, ChemBioParis2025 offers a variety of social events to connect and celebrate our community: a welcome reception, poster sessions accompanied by wine & cheese or beer & charcuterie, a scenic Seine river cruise, and a gala dinner. In this “City of Light,” we are reminded that light itself illuminates much of chemical biology—from fluorescence and optogenetics to photocontrolled tools—reflecting the very spirit of discovery we pursue together.

We are thrilled to host you in Paris and extend our heartfelt thanks to our sponsors and institutional partners. ChemBioParis2025 promises not only inspiring science, but also opportunities for meaningful exchanges, collaborations, and lasting friendships.

The Organizing Committee – ChemBioParis2025

(ICBS • ChemBioLife / EuChemS • EU-OPENSREEN • SCF-ChemBio / French Chemical Society)

Organized by







*Join us in the City of Light to engage and celebrate with chemical biologist from around the world!*

**Douglas Auld**, President ICBS  
International Chemical Biology Society



*ECBS/ICBS 2025, organized by the EuChemS Division of Chemical Biology and Chemistry in Life Sciences, EU-OPENSREEN, ICBS and the French Chemical Society, a unique opportunity to stay updated on the latest developments in the interdisciplinary field of Chemical Biology and to meet top scientists in a stimulating and informal atmosphere*

**Francesco Peri**, President of EuChemS Division of Chemical Biology and Chemistry in Life Sciences  
EuChemS, Division of Chemical Biology and Chemistry in Life Sciences



*Looking forward to joining you in beautiful Paris to discuss great science and hear from our excellent speakers at ChemBioParis2025!*

**Philip Gribbon**, Director General of EU-OPENSREEN  
EU-OPENSREEN



*We are happy to welcome you in the heart of Paris for this exceptional ChemBio event!!!*

**Boris Vauzeilles**, President of SCF-ChemBio  
Chemical Biology Division of the Société Chimique de France





## INTERNATIONAL SCIENTIFIC COMMITTEE



**Douglas Auld**  
NOVARTIS  
Cambridge, MA, USA



**Francesco Peri**  
UNIVERSITY OF MILANO BICOCCA  
Milan, Italy



**Philip Gribbon**  
EU-OPENSREEN  
Berlin, Germany



**Bahne Stechmann**  
EU-OPENSREEN  
Berlin, Germany



**Sonsoles Martín-Santamaría**  
CIB MARGARITA SALAS - CSIC  
Madrid, Spain



**Boris Vauzeilles**  
INSTITUT DE CHIMIE DES  
SUBSTANCES NATURELLES  
Gif-sur-Yvette, France



**Sébastien Papot**  
UNIVERSITÉ DE POITIERS  
Poitiers, France



**Bridget Wagner**  
ARENA BIOWORKS  
Cambridge, MA, USA

## TRAINEE SYMPOSIUM COMMITTEE



**Marie Auvray**  
DRF/JOLIOT/DMTS/SCBM, CEA  
Saclay, France



**Marc Panosetti**  
Chemistry Research Laboratory,  
University of Oxford  
Oxford, United Kingdom



**Lina El Hajji**  
CPCV, Sorbonne Université, École  
Normale Supérieure, Université PSL  
Paris, France



**Manon Sturbaut**  
Centre for Targeted Protein  
Degradation, University of Dundee  
Dundee, United Kingdom



**Lisa Gourdon-Grünewaldt**  
Ludwig-Maximilians Universität  
München, Germany



**Bridget Wagner**  
ARENA BIOWORKS  
Cambridge, MA, USA



# ORGANIZING COMMITTEE



**Vincent Aucagne**  
Centre de Biophysique Moléculaire,  
Orléans, France



**Marie Lopez**  
Institut des Biomolécules Max Mousseron,  
Montpellier, France



**François Autelitano**  
Evotec, Toulouse, France



**Sébastien Papot**  
Université de Poitiers, Poitiers, France



**Christophe Biot**  
Université de Lille, Lille, France



**Emmanuelle Thinon**  
Institut de Chimie des membranes et des  
nano-objets, Bordeaux, France



**Kevin Cariou**  
Chimie ParisTech, Paris, France



**Boris Vauzeilles**  
Institut de Chimie des Substances  
Naturelles, Gif-sur-Yvette, France



**Arnaud Gautier**  
Sorbonne Université, Paris, France



**Daniela Verga**  
Institut Curie, Orsay, France



**Wadih Ghattas**  
Université Paris-Saclay, Orsay, France



**Yung-Sing Wong**  
Université Grenoble Alpes, Grenoble,  
France



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## **International Chemical Biology Society (ICBS)**

promoting research and educational opportunities at the interface of  
chemistry and biology

The International Chemical Biology Society (ICBS) is an independent, nonprofit organization dedicated to promoting research and educational opportunities at the interface of chemistry and biology. ICBS provides an important international forum that brings together cross-disciplinary scientists from academia, nonprofit organizations, government, and industry to communicate new research and help translate the power of chemical biology to advance human health and enhance a stable ecosystem for environmental sustainability.

Founded in 2011, ChemBioParis2025 marks the 14<sup>th</sup> annual meeting of the ICBS and the first in Europe since 2015, with previous conferences held around the world including China, Japan, India, Australia, and North America.

The goal of ICBS is to advance chemical biology and help train the next generation of chemical biologists and leaders. The ICBS provides annual career recognition awards to new investigators through the Young Chemical Biologist awards as well as impactful leaders in the field through the Global Lectureship award. In addition to the annual conference, the ICBS supports several student chapters and regional meetings as well as a digital forum providing online content for ICBS members.

The ICBS education committee helps to organize a trainee meeting held alongside the annual meeting each year to provide a forum for students and post-doctoral associates to present and be recognized. We look forward to celebrating chemical biology at this year's conference and look forward to the presentations, discussions, and making new connections to advance new ideas.

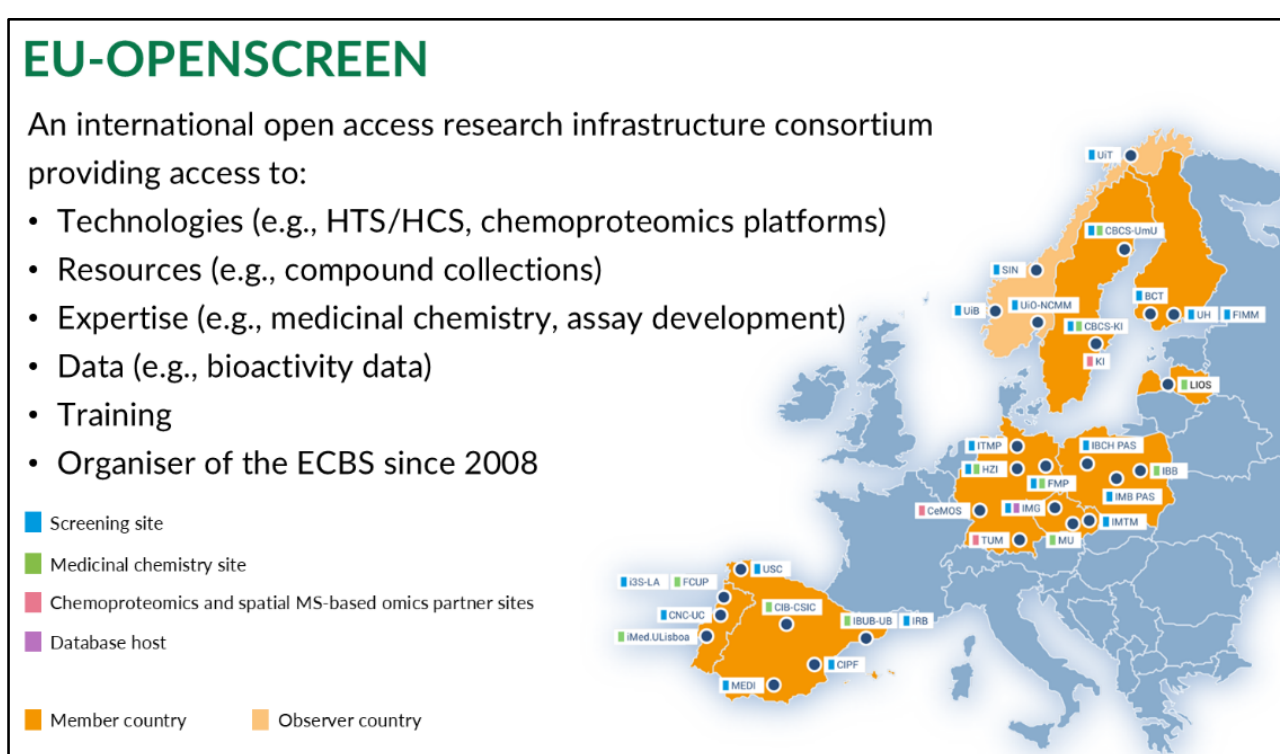




## The European Research Infrastructure Consortium for Chemical Biology and early Drug Discovery

For academic researchers and companies aiming to utilise chemical biology tools to advance basic research or early drug discovery projects, EU-OPENSREEN is a not-for-profit European Research Infrastructure Consortium (ERIC) dedicated to supporting your research at every stage.

Our network includes 30 partner sites, featuring facilities for compound screening, medicinal chemistry, and chemoproteomics and spatial MS-omics, and spans leading research institutions across nine European countries. By accessing our compound collections, researchers can leverage advanced technologies and expert guidance to develop tool compounds and high-quality leads. Our European Chemical Biology Database (ECBD, <https://ecbd.eu/>, Skuta et al., Nucleic Acids Res. 2025, **Poster 98**) offers new insights into your targets or disease-relevant pathways.



EU-OPENSREEN's open compound sharing initiative (**Poster 108**) allows chemists to uncover novel bioactivities of their compounds by making their compounds available, in a regulated and transparent framework, to a wider community of biologists, who test these compounds in suitable bioassays. By doing so, chemists can expose their compounds to a broad range of different biological/drug targets to uncover the unknown bioactivities of their compounds, which would otherwise not be practical through individual one-to-one collaborations. Once a compound has been identified as a validated hit compound, a research collaboration between the chemist (who submitted the compound) and the biologist (who developed the bioassay) can be initiated.

Securing project funding can be challenging, but through the EU-OPENSREEN network, we provide support for your grant proposals, risk-sharing models, or public-private collaborations. Our network has secured millions of Euros in research funding over the past decade.

Since 2008, EU-OPENSREEN organises the European Chemical Biology Symposia (ECBS), our biennial flagship scientific conference.

Join the EU-OPENSREEN community to explore our resources, collaborate with top experts, and make new discoveries together. Welcome to EU-OPENSREEN, your collaborative research partner in chemical biology and early drug discovery.

For more information about EU-OPENSREEN, please visit [www.eu-openscreen.eu](http://www.eu-openscreen.eu) and meet us at our posters **P078**, **P089**, **P108**, **P111**, **P132**, **P158** and **P198**.

## EuChemS Chemical Biology and Chemistry in Life Sciences (ChemBioLife)

### Division:

promoting chemical biology by supporting young scientists

EuChemS, the European Chemical Society, aims to nurture a platform for scientific discussion and to provide a single, unbiased European voice on key policy issues in chemistry and related fields. Representing more than 160,000 chemists from more than 40 Member Societies and other chemistry related organizations, EuChemS relies on a unique network of active researchers involved in all the fields of chemistry. EuChemS Professional Networks are organized in 16 Divisions and 4 Working Parties, reflecting the organization of European National Chemical Societies.

The division of Chemical Biology and Chemistry in Life Sciences (ChemBio Life) promotes the multidisciplinary field of Chemical Biology. The Division represents 21 countries with 24 National Delegates and 3 observers from the European Young Chemists' Network (EYCN).



The flagship event of the Division is the **biennial European Chemical Biology Symposium (ECBS)**, organized in odd years through the cooperation with the National Chemical Society hosting the event and the European Infrastructure EU-openscreen. In the 2025 edition (ChemBioParis), the International Chemical Biology Society (ICBS) is also co-organizer.

The other reference event is the annual **Young Investigator Workshop (YIW)** where promising young investigators, selected and supported by each member country, have the opportunity to share the most recent results, to know each other and to start collaborations in an informal and stimulating atmosphere. ChemBioLife annually awards a **young investigator prize**, the awarded has the opportunity to present a lecture at the ECBS congress.

The partnerships with EU-openscreen, the European Federation for Medicinal Chemistry and Chemical Biology (EFMC) and the sponsorships from Chemistry Europe and the Royal Society for Chemistry (RSC), allow the Division to actively promote transdisciplinary cooperation and the formation of a community of young researchers at an international level.

For more information about the EuChemS Division ChemBioLife, please visit <https://www.euchems.eu/divisions/chemistry-in-life-sciences-2/>



Discover // Connect // Innovate

Chemical Biology Division SCF-ChemBio  
French Chemical Society

Chemical Biology: *chemistry and life*

At the heart of **SCF-ChemBio** lies a commitment to discovery.  
We provide a platform for exploring the latest breakthroughs and emerging trends in chemical biology.

## Our objectives

Support and promote the chemical biology community in research and education  
Create a network of academic and industrial professionals and students

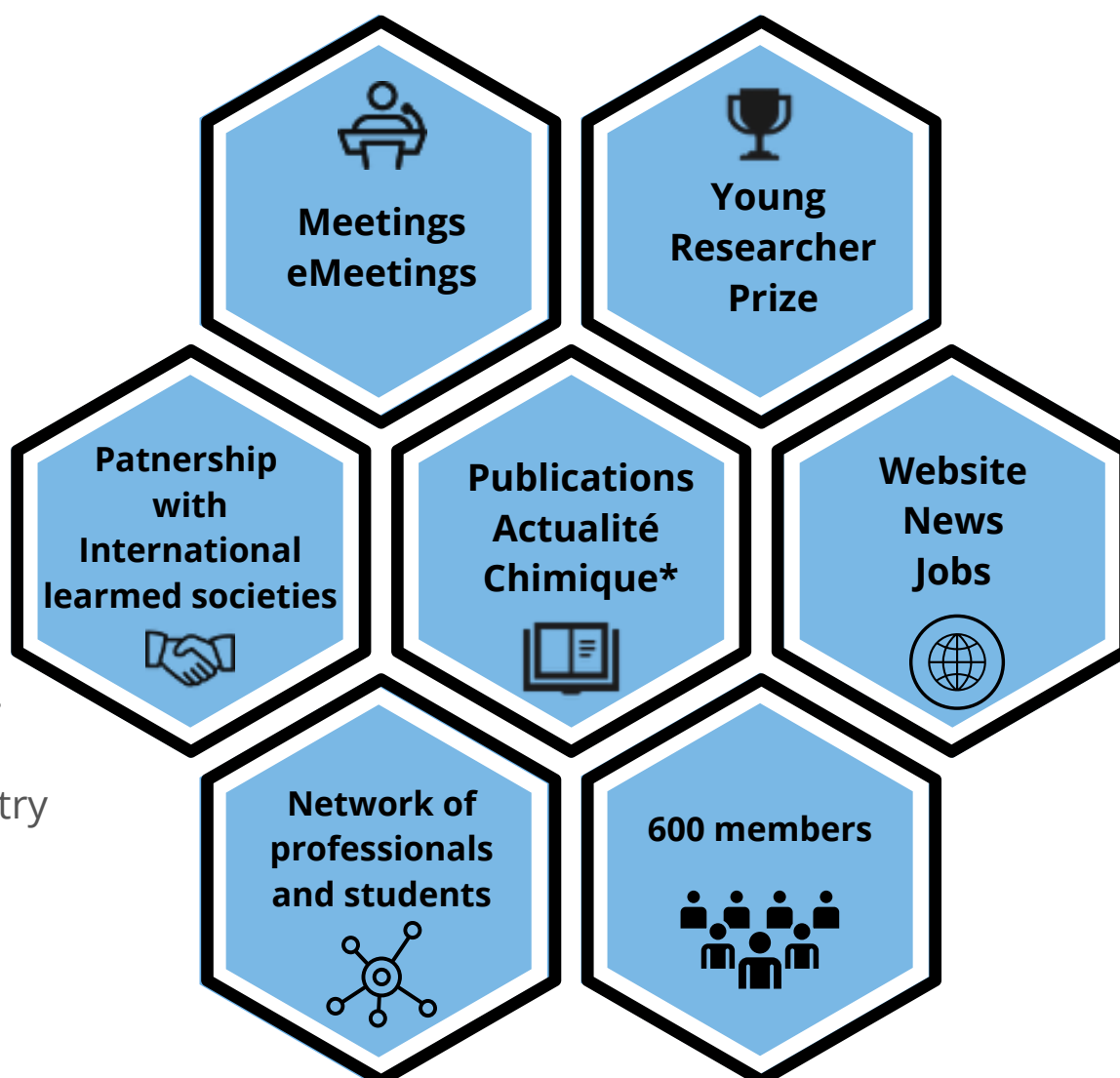
## Application fields

Health (human, animal, plant)  
Diagnosis  
Environment

## Join SCF-ChemBio

We invite you to join SCF-ChemBio and become part of our community. Whether you are a researcher, a student just starting out, or an industry professional, we welcome your participation.

## Our activities



\* The journal of the French Chemical Society

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[new.societechimiquedefrance.fr/divisions/chemiobiologie/](http://new.societechimiquedefrance.fr/divisions/chemiobiologie/)





# EuChemS

## European Chemical Society

EuChemS, the European Chemical Society, aims to nurture a platform for scientific discussion and to provide a single, unbiased European voice on key policy issues in chemistry and related fields.

Representing more than 160,000 chemists from more than 40 Member Societies and other chemistry related organisations, EuChemS relies on a unique network of active researchers involved in all the fields of chemistry. Through this network, EuChemS organises several specialised academic conferences as well as the biannual EuChemS Chemistry Congress, the European congress of chemical sciences. EuChemS also promotes the role and image of the chemical sciences among the general public and policy-makers through social media, newsletters and through the organisation of conferences and workshops open to the society.

Through the promotion of chemistry and by providing expert and scientific advice, EuChemS aims to take part of the solution to today's major societal challenges.

For more information about the European Chemical Society (EuChemS), please visit [www.euchems.eu](http://www.euchems.eu) or contact us at:

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1050 - Brussels  
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Phone: +32 2289 25 67 | +32 2289 26 90

Email: [secretariat@euchems.eu](mailto:secretariat@euchems.eu)

 <http://on.fb.me/1B8Qa0n>

 <https://twitter.com/EuCheMS>



# EFMC

European Federation  
for Medicinal Chemistry  
and Chemical Biology

EFMC is an independent association founded in 1969, representing 31 societies from 26 European countries, and more than **9000 scientists**. It's main objective is to **advance the science of medicinal chemistry and chemical biology**.

## Upcoming Events

**20th EFMC Short Course on Medicinal Chemistry**  
Oegstgeest, The Netherlands | April 19-22, 2026



**EFMC**  
20th Short Course  
on Medicinal Chemistry  
**Oegstgeest, Netherlands**  
April 19-22, 2026

**EFMC-ACSMEDI Medicinal Chemistry Frontiers 2026**  
**Joint Symposium on Medicinal Chemistry**  
Dublin, Ireland | June 22-25, 2026



**EFMC | ACSMEDI**  
Medicinal Chemistry Frontiers  
Dublin, Ireland  
June 22-25, 2026

**EFMC-ISMCS 2026**  
**XXIX EFMC International Symposium on Medicinal Chemistry**  
Basel, Switzerland | September 6-10, 2026



**EFMC-ISMCS**  
International Symposium  
on Medicinal Chemistry  
**Basel, Switzerland**  
September 6-10, 2026

**EFMC-YMCS 2026**  
**12th EFMC Young Medicinal Chemists' Symposium**  
Basel, Switzerland | September 10-11, 2026



**EFMC-YMCS**  
Young Medicinal  
Chemists' Symposium  
**Basel, Switzerland**  
September 10-11, 2026

## Awards

- The Nauta Pharmacochimistry Award for Medicinal Chemistry and Chemical Biology
- The UCB-Ehrlich Award for Excellence in Medicinal Chemistry
- The Prous Institute - Overton and Meyer Award for New Technologies in Drug Discovery
- The EFMC-WuXi AppTec Award for Excellence in Chemical Biology

Visit [www.efmc.info/awards](http://www.efmc.info/awards) for more information

## Prizes

- EFMC Prizes for Young Medicinal Chemist or Chemical Biologist in Industry & Academia
- EFMC-YSN PhD Prize, *sponsored by Selvita*

Visit [www.efmc.info/prizes](http://www.efmc.info/prizes) for more information

## EFMC-YSN

### The Young Scientists Network

Building a strong network at an early stage in your career is crucial!  
The aim of the EFMC-YSN is to **inspire, connect** and **provide opportunities** to medicinal chemists and chemical biologists in their Early Career.

Visit [www.efmc.info/ysn](http://www.efmc.info/ysn) for more information

WEBSITE [EFMC.INFO](http://EFMC.INFO) AND SUBSCRIBE TO THE MONTHLY NEWSLETTER

# MedChemBioWatch

FOLLOW EFMC ON



@EuroMedChem

Network of early-career researchers in **chemical biology** across France and beyond.

## Our mission ?

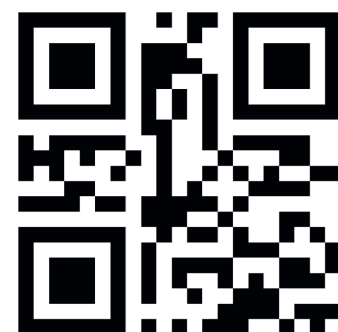
Build a dynamic and collaborative community

- Interactive webinars
- Career development sessions
- Networking events
- Mentoring

**Join us!**



[contact@fychembio.fr](mailto:contact@fychembio.fr)





## The French Chemical Biology Network

Created in 2021, the GDR ChemBio (Groupement de Recherche en Chémobiologie) has set itself the mission of structuring the French scientific community in chemical biology, fostering national collaborations, and building a strong identity for this rapidly growing discipline.



Identity building: fostering a strong presence and shared vision in this rapidly growing interdisciplinary scientific field.



Community building: strengthening the national and international visibility of chemical biology.



Scientific excellence: organizing high-level meetings, thematic workshops, and networking opportunities.



Arts & Sciences: promoting creativity and cross-disciplinary dialogue through unique initiatives at the interface of science and the arts.



Support for the next generation: engaging Master's students, PhD candidates, and early-career researchers with dedicated events and training opportunities.

## *Shaping the Future of Chemical Biology in France*

Christophe BIOT (Lille, Directeur)

[christophe.biot@univ-lille.fr](mailto:christophe.biot@univ-lille.fr)

Dominique GUIANVARCH (Paris Saclay)

[dominique.guianvarch@universite-paris-saclay.fr](mailto:dominique.guianvarch@universite-paris-saclay.fr)

Boris VAUZEILLES (Paris Saclay)

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More information:

<https://www.gdr.chemobiologie.cnrs.fr/>



Société de Chimie Thérapeutique

# Advancing the Science of Drug Discovery since 1966

## Mission

The Société de Chimie Thérapeutique was founded in 1966 with the mission to:

- Promote knowledge in the major fields of medicinal chemistry and chemical biology
  - Identification and validation of biological targets of therapeutic interest
  - Screening and quantitative biological sciences
  - Design, optimization and selection of drug candidates
  - Chemical biology to identify drug targets and extend therapeutic modalities
  - Medicinal chemistry, Pharmacokinetics, metabolism and toxicity prediction and assessment
  - Molecular modeling and data sciences
- Support young researchers in the field of drug discovery
- Recognize and promote excellence of science and impact

## Actions

- Organize International meetings, One-Day Thematic Seminars and Young Research Fellows Meeting
- Broadcast Webinars
- Scientific Awards
- Provide Scientific Coaching
- Publish viewpoints & Newsletter
- Publish Job offers
- Support young researchers
- Promote its members
- Promote excellence in education in drug discovery
- Interact with sister societies in France and abroad
- Foster trans-sectorial collaborations



**RICTs  
since 1966**



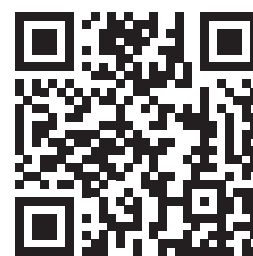
**Mentoring Young  
investigators**



**Webinars and  
Thematic meetings**



**Young Research  
Fellow Meetings**



Scan me to become a  
member

# Société Française de Biochimie et Biologie Moléculaire

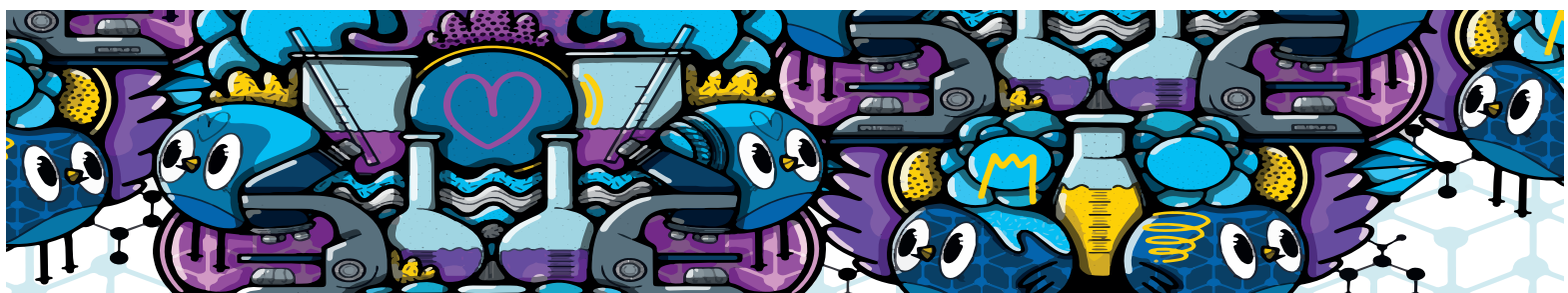


Founded in 1914 and recognized as being of public utility, the SFBBM is a scientific society dedicated to promoting progress in biochemistry and molecular biology. Its mission is to advance and disseminate knowledge, foster collaboration at the interface of chemistry and biology, support young scientists, and represent the community at national and international levels.

The Society coordinates seven thematic groups (Archaea; Cellular proteolysis; Enzymes: structure, function, catalysis, engineering, regulation; Metabolism; SIFRARN: Structure, Integration, Function and Reactivity of RNAs; Synthetic biology; Teaching biochemistry) and organizes an annual national congress for scientific exchange in specialized fields of the discipline. It actively supports researchers through scientific awards, fellowships and grants to attend national and international congresses. More recently, the Junior Section of the SFBBM (JS-SFBBM) was created with the aim of building connections among young scientists.

Internationally, the SFBBM is a member of the Federation of European Biochemical Societies (FEBS) and the International Union of Biochemistry and Molecular Biology (IUBMB). It also oversees the publication of *Biochimie*, an international scientific journal published by Elsevier.

Through its journal, events, and partnerships, the SFBBM continues to play a leading role in advancing excellence and innovation in the life sciences.







**Bioorganic Chemistry**  
*Gordon Research Conference*

## **Chemistry Unlocking Biology for Therapeutic Discovery**

**Conference Chairs: Damian W. Young and Jeff Martin**



**June 7-12, 2026**

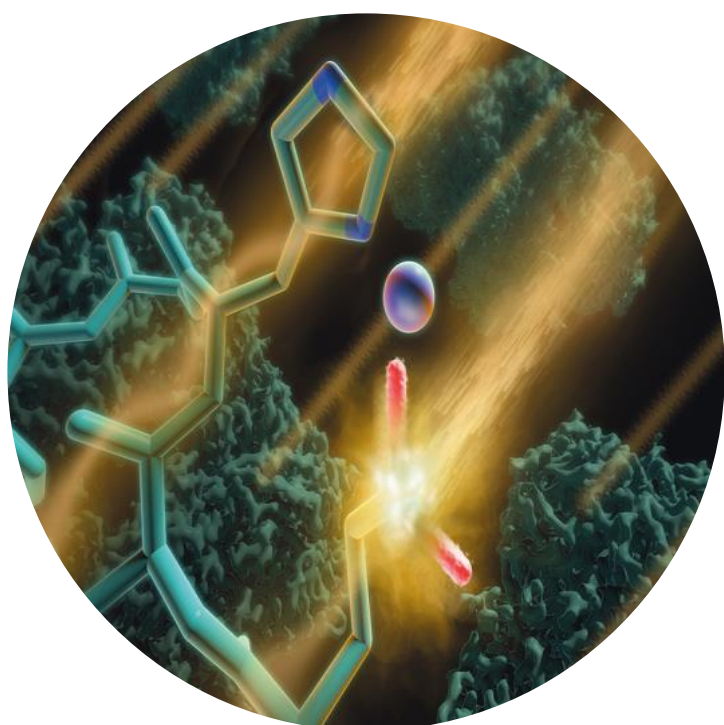
**Proctor Academy**  
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Andover, New Hampshire, United States

**Talks from leading scientists across academia and industry on the latest innovations in chemical biology and therapeutic discovery**

Topical sessions include:

- Investing in chemistry to guide target validation
- Developing chemical strategies for perturbing protein function
- Sampling chemical space for challenging targets
- Generative AI in small molecule discovery
- Small molecules and omics driven approaches
- Covalent chemistry and bioorthogonal chemical reactions enabling biological insights
- Chemical biology driving therapeutics across disease areas

Apply now at: <https://www.grc.org/>  
For more information please contact: [damiany@bcm.edu](mailto:damiany@bcm.edu)



**ChemBioFrance is a Research Infrastructure providing resources and services for the identification and characterization of biologically active molecules.**

- ❖ **Screening**
- ❖ **Cheminformatics**
- ❖ **MedChem**
- ❖ **ADME-Tox**

## Collaborative research with ChemBioFrance



70 scientists dedicated to life science and chemistry



Broad toolbox and know-how from academic research labs



Dedicated skilled scientists available to support you in every step of your research

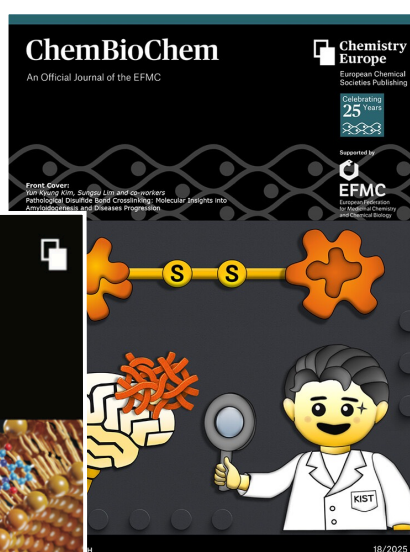


Your research partner for pharmaceutical, cosmetics and agrobusinesses

**Get in touch**



# European Chemical Societies Publishing



## Chemistry Europe

- **16** chemical societies
- From **15** European countries
- Which co-own **21** scholarly journals
- Over **22,9** million downloads in 2024
- Over **140,000** articles published since 1995
- With **150** Chemistry Europe Fellows and **8** Honorary Fellows recognized for excellence in chemistry

[www.chemistry-europe.org](http://www.chemistry-europe.org)

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Analytical Science Advances 

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ChemFoodChem 

ChemistryEurope 

Chemistry - A European Journal

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ChemPlusChem

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Electrochemical Science Advances 

European Journal of Inorganic Chemistry

European Journal of Organic Chemistry

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- Innovative, transparent peer review process
- Impact Factor 2024: 3.1
- Time to First Decision (peer reviewed manuscripts only): 40 days

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Registered charity number: 207890



## KEYNOTE SPEAKERS

**Yimon Aye**

University of Oxford, United Kingdom

KL07 “The many guises of reactive metabolite signaling”

**Amanda Hargrove**

University of Toronto, Canada

KL08 “Strategies to modulate the conformation and function of RNA with small molecules”

**Shankar Balasubramanian**

University of Cambridge, United Kingdom

KL01 “Chemical biology of the genome”

**Barbara Imperiali**

MIT, USA

KL06 “Rolling Out Glycan Assembly: A Tale of Two Topologies”

**Christopher Chang**

UC Berkeley Princeton University, USA

KL05 “Activity-Based Sensing: Leveraging Chemical Reactivity to Study Biology at the Atomic Scale”

**Syngenta Lecture****Daniel Nomura**

UC Berkeley, USA

KL04 “Reimagining Druggability using Chemoproteomic Platforms”

**Alessio Ciulli**

University of Dundee, United Kingdom

KL09 “Induced Proximity-Pharmacology: PROTACs/Molecular Glue Degradors and beyond”

**Raphaël Rodriguez**

Institut Curie, Paris, France

KL00 “Chemical Control of Cell Adaptation”

**Matthew Disney**

UF Scripps Research Institute, USA

KL03 “Sequence-based design of small molecules targeting RNA structure”

**Herbert Waldmann**

MPI Dortmund, Germany

KL02 “Pseudo Natural Products – Chemical Evolution of Natural Product Structure”





# INVITED SPEAKERS



**Jeanette Andersen**

Arctic University of Tromsø, Norway

IL01 “Arctic marine bioactive compounds as a starting point for chemical optimization towards clinical candidates”



**Mélanie Ethève-Quelquejeu**

Université Paris Cité, France

IL20 “Chemical probes targeting  $\beta$ -lactam-binding proteins”



**Chase Beisel**

HIRI, Würzburg, Germany

IL08 “Programmable gene editing by appending chemical groups to DNA”



**Jess Ewald**

EMBL-EBI, Hinxton, United Kingdom

IL12 “Cell Painting for cytotoxicity and mode-of-action analysis in liver-relevant cell lines”



**Sébastien Campagne**

INSERM, ARNA unit, Bordeaux, France

IL04 “Specific splicing correction by small molecules and 5'-splice site bulge repair mechanism” Syngenta Lecture



**Massimiliano Gaetani**

Karolinska Institute, Sweden

IL10 “Multimodal and Proteome-Wide MS-based Deconvolution of Drug Targets and Mechanisms of Action with Validation and Characterization of Drug-Target Interaction”



**Zoe Cournia**

Academy of Athens, Greece

IL14 “Predicting protein-ligand, protein-protein and protein-membrane interactions using molecular simulations and AI”



**Sébastien Gouin**

Nantes Université, France

IL16 “Electrochemical Wiring of Sugars onto Proteins and Living Cells”



**Ivan Đikić**

Frankfurt University, Germany

IL05 “Targeting the Ubiquitin and Autophagy networks”



**Claudia Höbartner**

University of Würzburg, Germany

IL07 “Targeting RNA by alkyltransferase ribozymes”





# INVITED SPEAKERS



**Carsten Hopf**

Hochschule Mannheim, Germany

IL09 “Spatial Chemical Biology and Spatial Metabolomics using Mass Spectrometry”



**Christopher Schmied**

EU-OPENSOURCE, Germany

IL11 “Large scale Cell Painting dataset enables prediction of chemical compound properties”



**Agnieszka Konopacka**

The Institute of Cancer Research – London – United Kingdom

IL06 “Induced Proximity Therapeutics for Cancer”



**Benjamin Schumann**

Technische Universität Dresden, Germany

IL15 “Chemical Precision Tools to Dissect Protein Glycosylation”



**Olivier Loiseleur**

Syngenta, Stein, Switzerland

IL02 “Natural Products In Modern Crop Protection Research”



**Marc Vendrell**

University of Edinburgh, United Kingdom

IL17 “Fluorescent Probes for Translational Bioimaging”



**Katlin Massirer**

CQMED, University de Campinas, Brazil

IL03 “Weak affinity chromatography used for chemical fragment screening do guide RNA binding protein ligands”



**Louise Walport**

The Francis Crick Institute/Imperial college, United Kingdom

IL19 “Found in translation: new target binding sites for cyclic peptides”



**Sereina Riniker**

ETH Zürich, Switzerland

IL13 “Conformational flexibility of (bio)molecules: Combining experiments and computation”



**Bengang Xing**

The Hong Kong Polytechnic University, Kowloon, Hong Kong

IL18 “Orthogonal Molecular Toolkits for Precision Bio-Imaging & Therapeutic ENCTACs Manipulation”



# ARTS AND SCIENCES



**Christophe Biot**

Université de Lille, France

AS01 “Chembioart: Exploring the Aesthetic and Narrative Dimensions of Chemical Biology”



**Marie Hinnebo**

Université de Lille, France

AS01 “Chembioart: Exploring the Aesthetic and Narrative Dimensions of Chemical Biology”

## AWARDS



**Arnaud Chevalier**

CNRS-ICSN, Gif-sur-Yvette, France

AW07 “Real-time imaging of mitochondrial reductase-mediated chemical transformations with smart fluorogenic probes”

**SCF-ChemBio Young Researcher Award 2025**



**Hannes Mikula**

TU Wien, Austria

AW04 “Unlocking Chemistry: Next-Level Bioorthogonal Click-To-Release”

**ICBS Young Chemical Biologist Award 2025**



**Lina El Hajji**

CPCV, Sorbonne Université, École Normale Supérieure, Université PSL, Paris, France

AW00 “Chemogenetic fluorescent tags for advanced biological imaging”

**SCF-ChemBio PhD Thesis Award 2025**



**Nadja A. Simeth-Crespi**

Georg-August-University of Göttingen, Germany

AW05 “Manipulating Peptides and Proteins with Light”

**EuChemS ChemBioLife Award 2023**



**Fleur Ferguson**

University of California San Diego, USA

AW03 “Interrogating the Druggable Proteome with Proximity Pharmacology”

**ICBS Young Chemical Biologist Award 2025**



**Chayasith Uttamapinant**

Vidyasirimedhi Institute of Science and Technology (VISTEC), Thailand

AW02 “Engineering multiphase protein condensates for DNA amplification and disease detection”

**ICBS Young Chemical Biologist Award 2025**



**Julie Karpenko**

LIT, Université de Strasbourg, France

AW06 “Synthesis and application of fluorescent antimicrobial peptides”

**SCF-ChemBio Young Researcher Award 2024**



**Lixin Zhang**

East China University of Science and Technology, Shanghai, China

AW01 “Orchestrating secondary metabolite production in streptomycetes”

**ICBS Global Lectureship Award 2025**



# SUPPORT

## Organizing entities



## EuChemS recognized event



## EFMC certified event



## With the support of







## Exhibitors





## Exhibitors

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**HYBRIGENICS**  
SERVICES



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## Sponsors













# PROGRAM AT A GLANCE

Monday, October 6<sup>th</sup>, 2025

08h30	 Registration
09h00	Welcome remarks - Trainee Symposium
09h10	TC01 - Rob Lammers
09h25	TC02 - Pierre Nicolas Bizat
09h40	TC03 - Federica A. Souto-Trinei
09h55	 Coffee break
10h20	TC04 - Ruirui Zhang
10h35	TC05 - Mikkel Høj Nielsen
10h50	TC06 - Brecht Ellenbroek
11h05	Panel discussion - Yimon Aye - Bridget Wagner - François Autelitano - Ruben Ragg
12h05	 Lunch
13h30	TC07 - Khanh Chi Nguyen-Pham
13h45	TC08 - Veronika Šlachťová
14h00	TC09 - Dorothea Kossmann
14h15	TC10 - Hayoung Son
14h30	Spotlight: RSC Chemical Biology - Anna Rulka
14h35	AW00 - Lina El Hajji
14h55	KL00 - Raphaël Rodriguez
15h40	End of Trainee symposium
15h45	 Registration
17h00	 Welcome remarks
17h10	KL01 - Shankar Balasubramanian
18h00	 Networking & Welcome Reception



Tuesday, October 7<sup>th</sup>, 2025

9h00	KL02 - Herbert Waldmann
Session 1: The contribution of Natural Products to Chemical Biology	
9h45	IL01 - Jeanette Andersen
10h05	IL02 - Olivier Loiseleur
10h25	OC01 - Francisco Castillo
10h45	Organizer: SCF-ChemBio, Boris Vauzeilles
10h50	☕ Coffee break
11h15	KL03 - Matthew Disney
Session 2: Targeting RNA mechanisms	
12h00	IL03 - Katlin Massirer
12h20	IL04 - Sébastien Campagne
12h40	OC02 - Liang Cheng
13h00	Organizer: International Chemical Biology Society (ICBS), Douglas Auld
13h05	🍴 Lunch
14h30	AW01 - ICBS Global Lectureship Award: Lixin Zhang
Session 3: Chemical inducers of proximity - Hybrigenics session	
15h15	IL05 - Ivan Đikić
15h35	IL06 - Agnieszka Konopacka
15h55	OC03 - Giorgia Kidd
16h15	Spotlight: GDR-ChemBio - Christophe Biot
16h20	☕ Coffee break
Session 4: EFMC - Genome base editing and precision chemistry for therapy	
16h45	IL07 - Claudia Höbartner
17h05	IL08 - Chase Beisel
17h25	OC04 - Angela Steinauer
17h45	AS01 - Marie Hinnebo & Christophe Biot
18h05	🍷 Poster Session (odd numbers) and Wine and Cheese
20h15	🚢 Cruise on the Seine river



Wednesday, October 8<sup>th</sup>, 2025

9h00	KL04 - Daniel Nomura
Session 5: Chemoproteomics-enabled Drug Discovery	
9h45	IL10 - Massimiliano Gaetani
10h05	OC05 - Debojit Bhattacharjee
10h25	OC10 - Kevin Renault
10h45	Organizer: EuChemS ChemBioLife Division, Francesco Peri
10h50	☕ Coffee break
11h15	KL05 - Christopher Chang – Syngenta lecture
Session 6: Compound profiling for drug discovery	
12h00	IL11 - Christopher Schmied
12h20	IL12 - Jess Ewald
12h40	OC06 - Päivi Tammela
13h00	Organizer: EU-OPENSREEN, Bahne Stechmann
13h05	🍴 Lunch
14h30	KL06 - Barbara Imperiali
Session 7: Computational and AI methods	
15h15	IL13 - Sereina Riniker
15h35	IL14 - Zoe Cournia
15h55	OC07 - Sandip Paul
16h15	Spotlight: ChemBioFrance & EU-OpenScreen, Florence Mahuteau - Philip Gribbon
16h26	☕ Coffee break
Session 8: Chemical glycobiology	
16h50	IL15 - Benjamin Schumann - EMBO Young Investigator Lecture
17h10	IL16 - Sébastien Gouin
17h30	OC08 - Arnaud Lehner
17h50	Spotlight: Chemistry Europe - Ruben Ragg
17h55	🍺 Poster Session (even numbers) and Beer and Charcuterie
20h00	🍷 Gala dinner



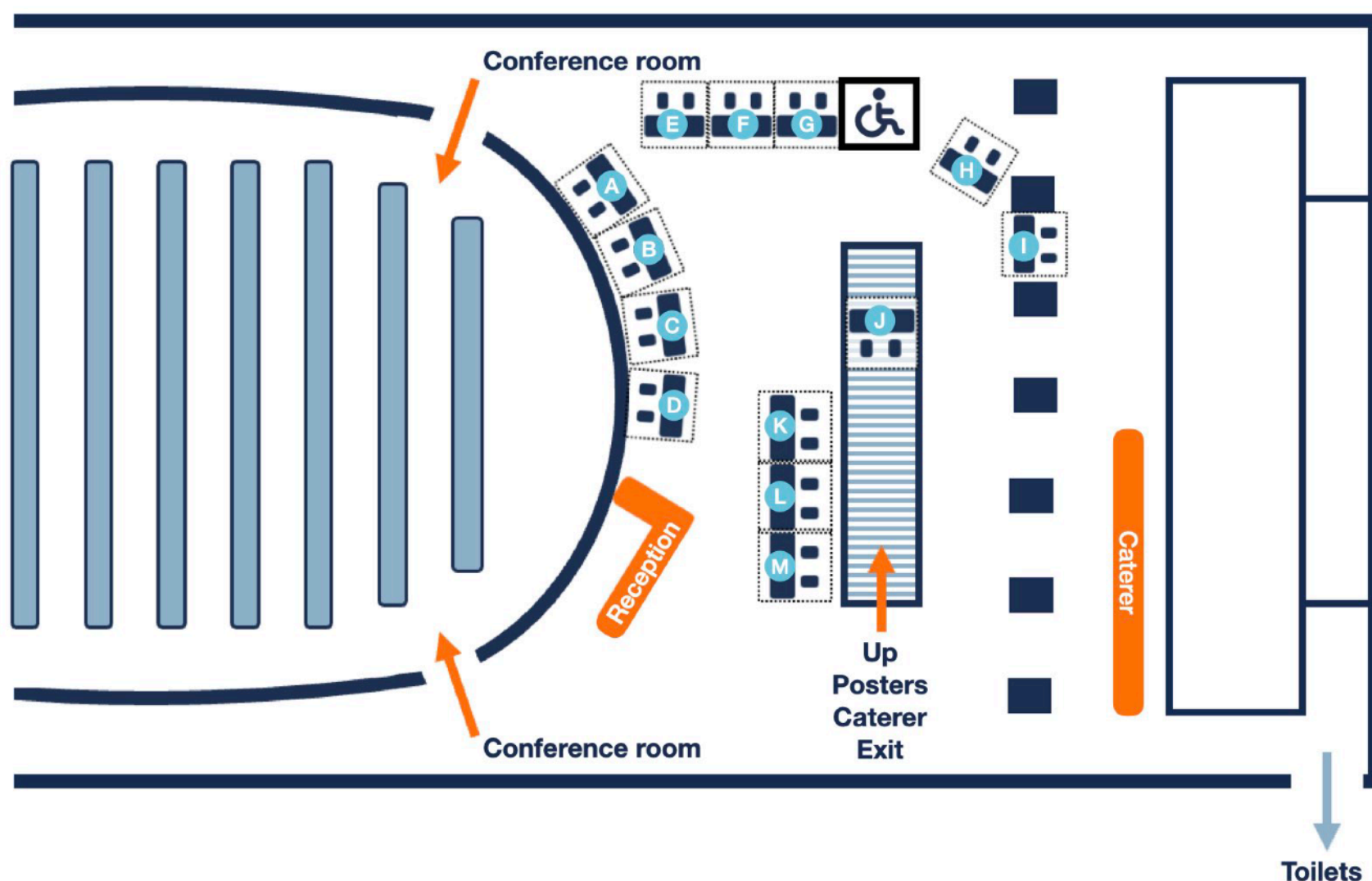


Thursday, October 9<sup>th</sup>, 2025

9h00	KL07 - Yimon Aye
Session 9: Chemistry in vivo	
9h45	IL17 - Marc Vendrell
10h05	IL18 - Bengang Xing
10h25	OC09 - Swathi Vanaja Chandrasekharan
10h45	Spotlight: Société de Chimie Thérapeutique, Yann Foricher
10h50	☕ Coffee break
11h15	KL08 - Amanda Hargrove
Session 10: Activity-based probes	
12h00	IL19 - Louise Walport
12h20	IL20 - Mélanie Ethève-Quelquejeu
12h40	IL21 - Marc Nazaré
13h00	Spotlight: S. Française de Biochimie et Biologie Moléc., Hélène Munier-Lehmann
13h05	🍴 Lunch
14h30	ICBS Annual Business Meeting
ICBS Young Chemical Biologist - Rising Stars	
15h00	AW02 - Chayasith Uttamapinant
15h20	AW03 - Fleur M. Ferguson
15h40	AW04 - Hannes Mikula
16h00	☕ Coffee break
16h25	Spotlight: SCF-ChemBio Young Chemical Biologists - Lina El Hajji
16h30	KL09 - Alessio Ciulli
EuChemS ChemBioLife and SCF-ChemBio Awardson 8: Chemical glycobiology	
17h15	AW05 - Nadja A. Simeth-Crespi
17h35	AW06 - Julie Karpenko
17h55	AW07 - Arnaud Chevalier
18h15	Spotlight: Bioorganic Chemistry Gordon Research Conference, Damian W. Young
18h20	🏆 Awards and Conclusion Remarks



# EXHIBITION



## Please visit our exhibitors in the exhibition hall

### Opening hours of the Exhibition

Monday October 6th	09h55 - 19h30
Tuesday October 7th	08h30 - 19h30
Wednesday October 8th	08h30 - 19h30
Thursday October 9th	08h30 - 16h30

## EXHIBITORS

A. MedChemExpress	E. Oryl Photonics	I. TargetMol	L. Gyros Protein Technologies
B. Promega Corporation	F. Cenevo	J1. Eurogentec France	M. Enamine
C. ChemBridge Corporation	G. Fluorochem EU	J2. Ateliers Cloup	
D. Hybrigenics Services	H. Advion Interchim Scientific	K. Avantor Science	

Please note that Eurogentec will be present on October 7th - Cloup on October 8th and 9th



# POSTER SESSIONS & SOCIAL EVENTS

WELCOME RECEPTION - OCT 6<sup>th</sup>, 2025



Right after the Opening Keynote, join us in the foyer and patio of the CICSU for the Welcome Reception.

This friendly gathering is the perfect opportunity to meet fellow participants, reconnect with colleagues, and start building new collaborations in a relaxed atmosphere.

Come enjoy an evening of networking, exchange, and conviviality – everyone is warmly invited!

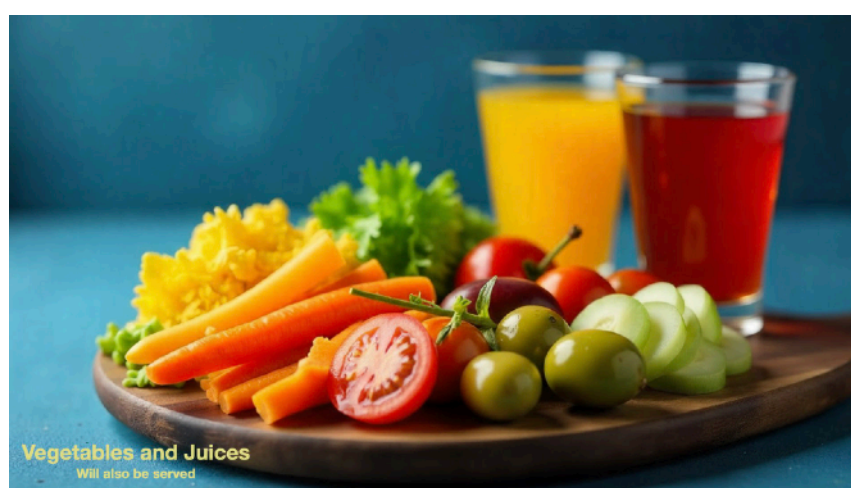




## POSTER SESSIONS - OCT 7<sup>th</sup> and OCT 8<sup>th</sup>

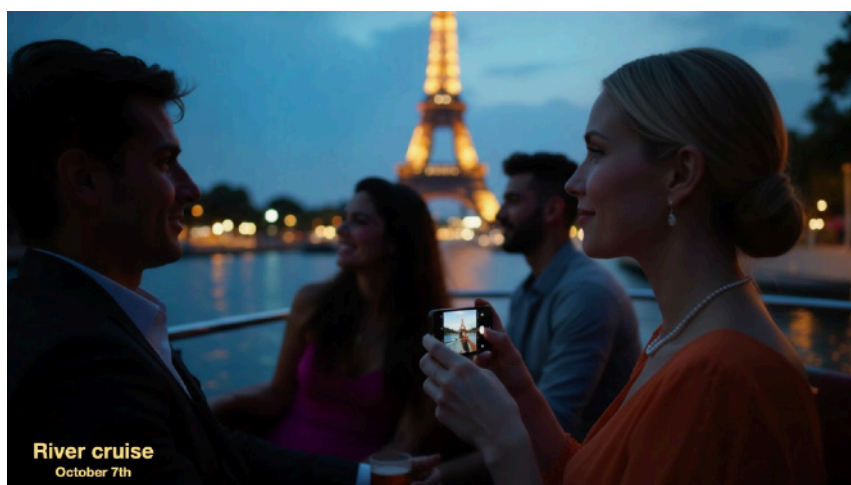
Do not miss our two poster sessions, with 230 posters !!!

In order to favor networking and discussions, during poster presentations, you will have the opportunity to enjoy Wine and Cheese (October 7<sup>th</sup>) and Beer and Charcuterie (October 8<sup>th</sup>). If you prefer, Vegetables and Juices will also be served.





## SEINE RIVER CRUISE - OCT 7<sup>th</sup>



### Guided Cruise – October 7, 2025

#### Evening schedule:

- 20:15 – Meeting at the Saint Michel Notre Dame pier
- 20:30 – Boarding
- 20:45 – Departure of the cruise - the boat will not wait for late arrivals
- 21:35 – Return to dock (Pontoon No. 1 – Port de la Bourdonnais) - Eiffel Tower

#### Access – Saint Michel Notre Dame Pier (Boarding)

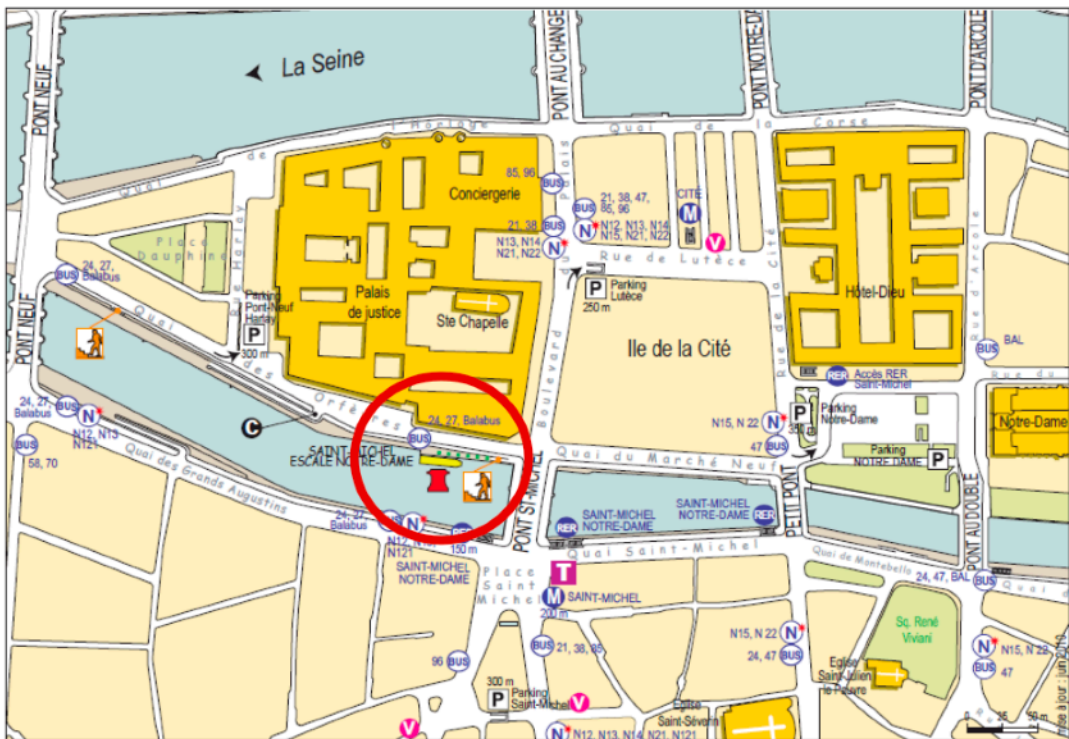
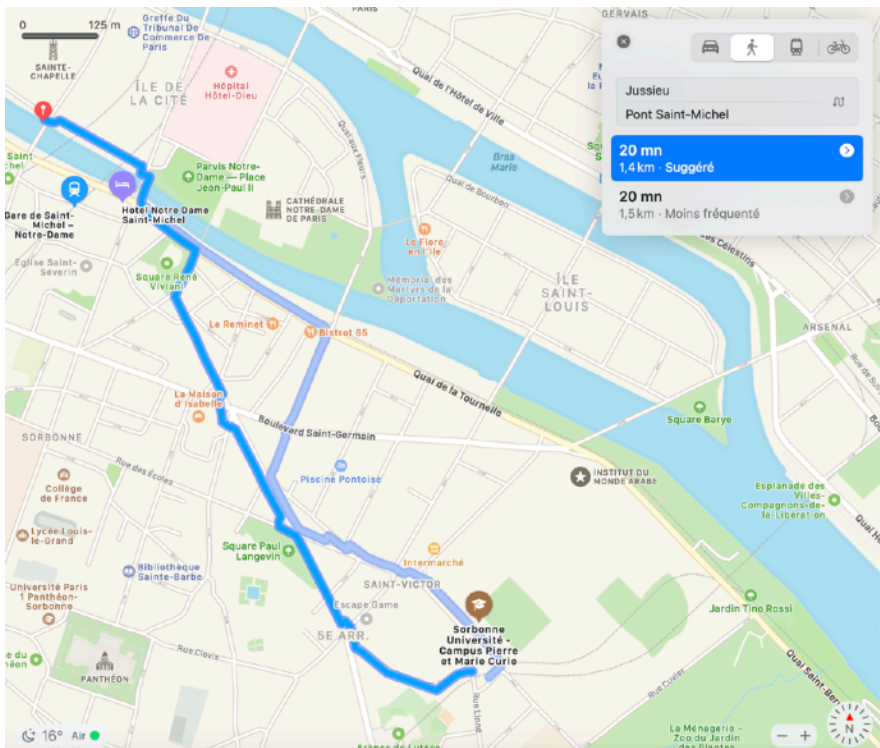
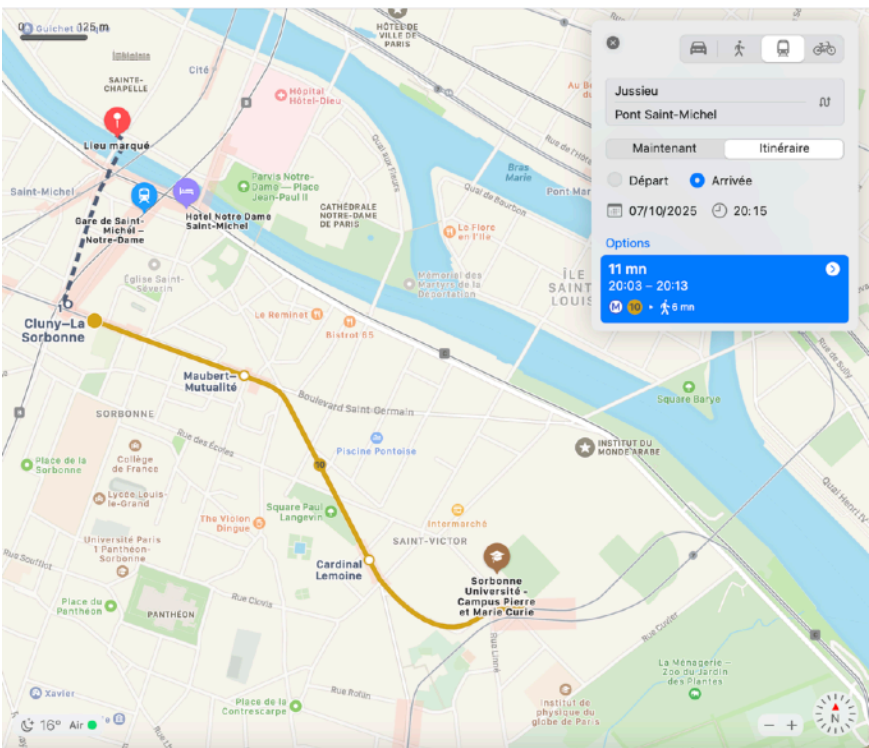
The Saint Michel Notre Dame pier is accessible via Quai des Orfèvres. Access is through a rather narrow staircase, and the quay itself is also narrow. Please plan to arrive early enough to ensure a smooth boarding process. See attached map and photo for directions.

#### Public transport access

- Bus: Lines 21, 38, 47, 85 – stop Cité – Palais de Justice
- Lines 24, 27 – stop Pont Saint-Michel – Quai des Orfèvres
- Metro: Line 4 – Saint-Michel / Notre-Dame station
- RER: Lines B and C – Saint-Michel / Notre-Dame station

Don't forget your badge – it will be required to board the boat for the cruise. If the weather turns bad or cold, please note that indoor seating is limited to 336 places, so we recommend arriving early or bringing something to keep you comfortable outdoors.





- Escale fluviale
- Accès piéton à l'escale
- Accès piéton par escaliers
- Station de métro  
distance à l'escale
- Station RER  
distance à l'escale
- Station bus RATP
- Station Noctilien
- Station Vélip'
- Accès véhicule au parking
- Parking public - véhicule léger  
distance à l'escale
- Borne de taxi
- Accès contrôlé

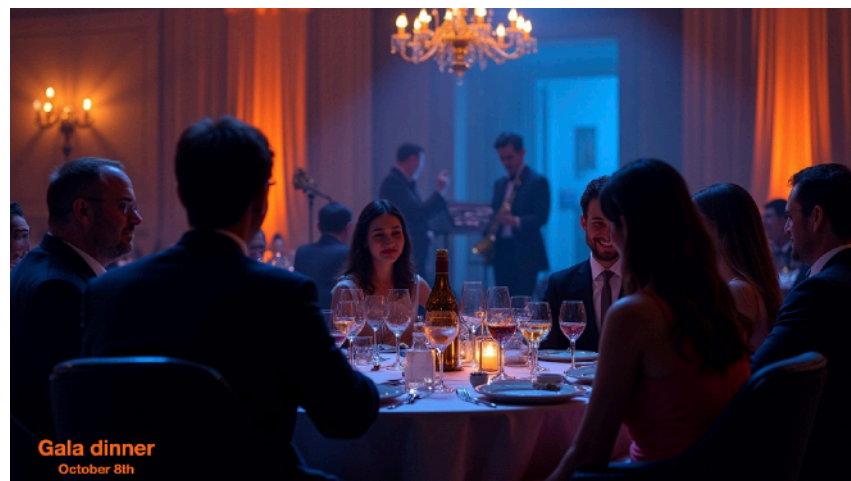
Sites d'information :  
[www.paris-ports.fr](http://www.paris-ports.fr)  
[www.ratp.fr](http://www.ratp.fr)  
[www.parking-paris.com](http://www.parking-paris.com)  
[www.taxi-paris.net](http://www.taxi-paris.net)







## GALA DINER - OCT 8<sup>th</sup>



### GALA DINNER

Join us for the Gala Dinner at La Coupole, one of Paris's most iconic and historic brasseries.

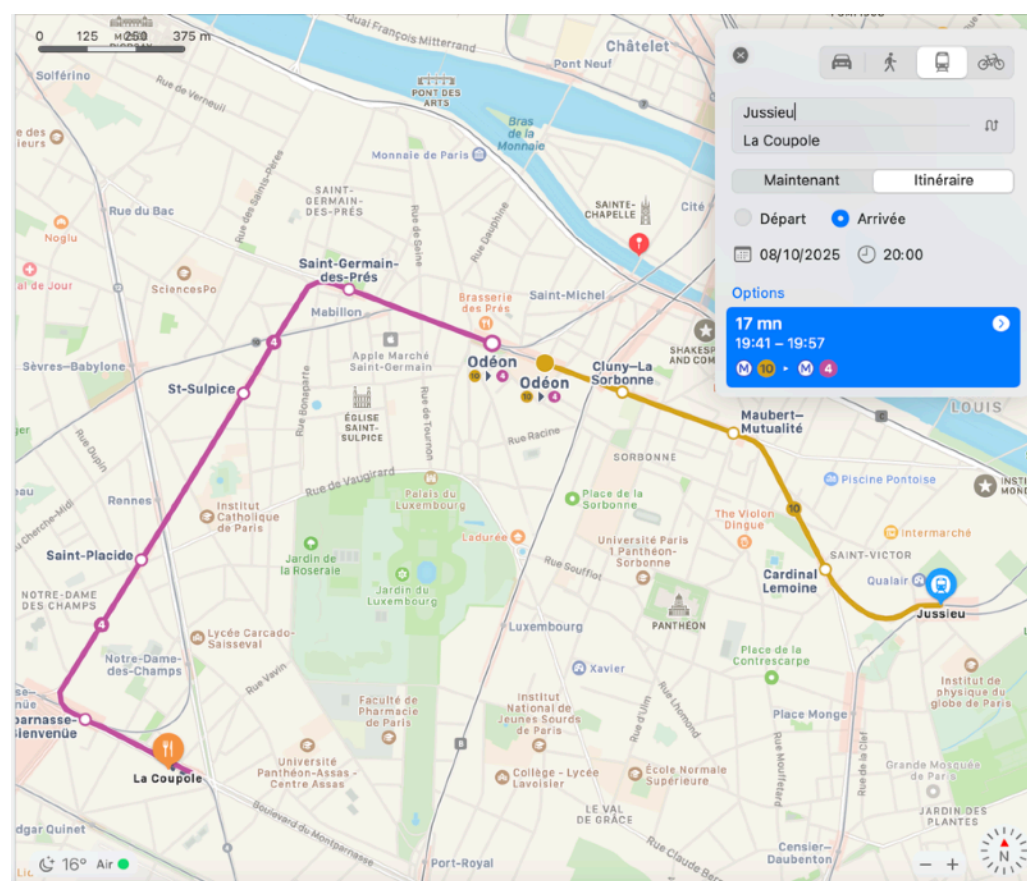
Located in the heart of Montparnasse, La Coupole has been blending history, art de vivre, and gastronomy since 1927. This Art Deco landmark, listed as a historical monument, has welcomed visitors from around the world for nearly a century, offering a unique culinary experience in a truly Parisian setting.

Please remember to bring your conference badge for entry.

#### Venue access

Metro Vavin (Line 4)

Montparnasse-Bienvenüe (Lines 4, 6, 12, 13)





# GENERAL INFORMATION

The event will be held at Centre International de Conférences de Sorbonne Université (CICSU).

## WELCOME RECEPTION - COFFEE BREAKS - LUNCHESES - SOCIAL EVENTS

Coffee breaks, lunches, « wine and cheese » and « beer and charcuterie » will be served at the time scheduled in the programme in the « foyer » and on the « patio » of CICSU.

## ORAL SESSIONS

You must arrive 15 min before your session starts. You will not be able to use your personal computer. You will be using an available computer. PPT or PDF files will be accepted. In case you are using a PPT file, please prepare also a PDF file as a backup. Please use a 16/9 slide format.

**Oral communications:** 15 minutes STRICT presentation time, followed by up to 5 minutes for discussion. (Orange light = 3 minutes left)

**Trainee communications:** 12 minutes STRICT presentation time, followed by up to 3 minutes for discussion. (Orange light = 2'30" minutes left)

Please follow the indications of the color light

- You are in the first 80% of your presentation time
- You reached the last 20% of your presentation time
- Your presentation time is over
- Discussion time

## POSTER SESSIONS

Two poster sessions will be organized. You will be assigned a panel number. Please hang your poster on the panel with the corresponding number. Each panel will measure 100 cm in width and 240 cm in height (portrait orientation). Your poster should ideally be printed as an A0 format (height 118.9 x width 84.1 cm). A fastening system will be provided, but please ensure that your poster is not too heavy, and avoid plastic or cardboard sheets. If you are presenting your poster in Session 1 (October 7, odd numbers), please remove your poster as soon as Session 1 is over, so that attendees presenting in Session 2 (October 8, even numbers) can hang their posters. Please respect your assigned session and remain close to your poster throughout the session, to be available for questions.

## INTERNET

Wireless internet will be available for attendees.



# DETAILED PROGRAM





# DETAILED PROGRAM

Monday, October 6<sup>th</sup>, 2025 - 1/2

## Trainee Symposium




08h30	 Registration
09h00 - 09h10	 Welcome remarks -Trainee symposium (B. Wagner)
09h10 - 09h25	<p><b>Chair: Manon Sturbaut</b> Trainee communications</p> <p><b>TC01   Rob Lammers</b> - Leiden University, Netherlands <i>β-D-Arabinofuranosyl Cyclitol Aziridines as First-In-Class Covalent and Selective GBA2- Binding Scaffold</i></p>
09h25 - 09h40	<p><b>TC02   Pierre Nicolas Bizat</b> - Institut Pasteur, Paris, France <i>Towards the enzymatic labelling of oligonucleotides with triantennary N-acetyl galactosamine</i></p>
09h40 - 09h55	<p><b>TC03   Federica A. Souto-Trinei</b> - Centro Interdisciplinar de Química e Biología, Universidade da Coruña, Spain <i>Phospholipid-like Molecules: Engineering Functional Compartments for the Spatial Control of Biochemical Processes</i></p>
09h55 - 10h20	 Coffee break
10h20 - 10h35	<p><b>Chair: Marc Panosetti</b> Trainee communications</p> <p><b>TC04   Ruirui Zhang</b> - Max Planck Institute of Molecular Physiology, Dortmund, Germany <i>Covalent Modification of Glutamic Acid Inspired by HaloTag Technology</i></p>
10h35 - 10h50	<p><b>TC05   Mikkel Høj Nielsen</b> - Aarhus University, Denmark <i>Artificial internalizing receptors for depletion of extracellular target proteins</i></p>
10h50 - 11h05	<p><b>TC06   Brecht Ellenbroek</b> - Leiden University, Netherlands <i>Development of DuoMYC: a synthetic cell penetrant miniprotein that efficiently inhibits the oncogenic transcription factor MYC</i></p>
11h05 - 12h05	<p><b>Chairs: Lisa Gourdon-Grünewaldt - Marc Panosetti</b> <b>PN01   Panel Discussion -</b> <i>Careers in Chemical Biology - Yimon Aye (Uni. of Oxford) - Bridget Wagner (Arena Bioworks) - François Autelitano (Evotec) - Ruben Ragg (Wiley - Chemistry Europe)</i></p>
12h05 - 13h30	 Lunch



Monday, October 6<sup>th</sup>, 2025 - 2/2

13h30 - 13h45	<p><i>Lisa Gourdon-Grünewaldt</i> <i>Trainee communications</i> <b>TC07</b>   <b>Khanh Chi Nguyen-Pham</b>- Université Grenoble Alpes, France <i>Deciphering Protein-Ligand Interactions Using Protein Language Models</i></p>
13h45 - 14h00	<p><b>TC08</b>   <b>Veronika Šlachtová</b> - Institute of Organic Chemistry and Biochemistry, Prague, Czech Republic <i>New Fluorogenic Triazinium Probes for Bioimaging</i></p>
14h00 - 14h15	<p><b>TC09</b>   <b>Dorothea Kossmann</b> - University of Zurich, Switzerland <i>Illuminating bacterial physiology – A ratiometric pH sensor for Gram-positive and Gram-negative bacteria</i></p>
14h15 - 14h30	<p><b>TC10</b>   <b>Hayoung Son</b> - Seoul National University, Korea <i>Unveiling the structure-fluorogenic property relationship of monochromophoric bioorthogonal tetrazine probes</i></p>
14h30 - 14h35	<p><b>Spotlight</b>   <b>RSC Chemical Biology</b> - Anna Rulka</p>
14h35 - 14h55	<p><i>Chair: Lisa Gourdon-Grünewaldt</i> <b>SCF-ChemBio PhD Thesis Award 2025</b> <b>AW00</b>   <b>Lina El Hajji</b> - CPCV, Sorbonne Université, Paris, France <i>Engineering and applications of chemogenetic fluorescent tags for advanced biological imaging</i></p>
14h55 - 15h40	<p><i>Chair: Bridget Wagner</i> <b>KL00</b>   <b>Raphaël Rodriguez</b> - Institut Curie, Paris, France <i>Chemical Control of Cell Adaptation</i></p>
15h40	<p><i>End of Trainee Symposium</i></p>

ICBS/ECBS 2025 Symposium


15h45 - 17h00	<p> <i>Registration</i></p>
17h00 - 17h10	<p> <i>Conference Welcome (B. Vauzeilles)</i></p>
17h10 - 18h00	<p><i>Chair: Boris Vauzeilles</i> <i>Opening Keynote lecture</i> <b>KL01</b>   <b>Sir Shankar Balasubramanian</b> - University of Cambridge, UK <i>Chemical biology of the genome</i></p>
18h00 - 19h30	<p> <i>Networking &amp; Welcome Drinks</i></p>



Tuesday, October 7<sup>th</sup>, 2025 - 1/2

09:00 - 09:45	<i>Chair: Bahne Stechmann</i> <b>KL02</b>   <b>Herbert Waldmann</b> - Max Planck Institute of Molecular Physiology, Dortmund, Germany <i>Pseudo Natural Products – Chemical Evolution of Natural Product Structure</i>
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Session 1: The contribution of Natural Products to Chemical Biology

09h45 - 10h05	<i>Chair: Bahne Stechmann</i> <b>IL01</b>   <b>Jeanette Andersen</b> - University of Tromsø, Norway <i>Arctic marine bioactive compounds as a starting point for chemical optimization towards clinical candidates</i>
10h05 - 10h25	<b>IL02</b>   <b>Olivier Loiseleur</b> - Syngenta, Stein, Switzerland <i>Artificial internalizing receptors for depletion of extracellular target proteins</i>
10h25 - 10h45	<b>OC01</b>   <b>Francisco Castillo</b> - MEDINA, Granada, Spain <i>Exploring the druggability of hTOM70 as a host-oriented broad-spectrum antiviral target via microbial natural product HTS</i>
10h45 - 10h50	<b>Organizer presentation</b>   <b>SCF-ChemBio</b> - Boris Vauzeilles
10h50 - 11h15	 Coffee break
11h15 - 12h00	<i>Chair: Douglas Auld</i> <b>KL03</b>   <b>Matthew Disney</b> - Scripps Research Institute, Jupiter, USA <i>Sequence-based design of small molecules targeting RNA structure</i>

Session 2: Targeting RNA mechanisms


12h00 - 12h20	<i>Chair: Douglas Auld</i> <b>IL03</b>   <b>Katlin Massirer</b> - Center for Medicinal Chemistry (CQMED), Universidade de Campinas, Brazil <i>Targeting RNA mechanisms</i>
12h20 - 12h40	<b>IL04</b>   <b>Sébastien Campagne</b> - INSERM, ARNA unit, Bordeaux, France <i>Specific splicing correction by small molecules and 5'-splice site bulge repair mechanism</i>
12h40 - 13h00	<b>OC02</b>   <b>Liang Cheng</b> - Institute of Chemistry, Chinese Academy of Sciences, Beijing, China <i>Illuminating Life: Precision Control of RNA with Light</i>
13h00 - 13h05	<b>Organizer presentation</b>   <b>International Chemical Biology Society (ICBS)</b> - Douglas Auld
13h05 - 14h30	 Lunch
14h30 - 15h15	<b>ICBS Global Lectureship Award</b> <i>Chair: Douglas Auld</i> <b>AW01</b>   <b>Lixin Zhang</b> - East China University of Science and technology, Shanghai, China <i>Orchestrating secondary metabolite production in streptomyces</i>





Tuesday, October 7<sup>th</sup>, 2025 - 2/2

Session 3: Chemical inducers of proximity – Hybrigenics session

15h15-15h35	<i>Chair: Philip Gribbon</i> <b>IL05</b>   <b>Ivan Đikić</b> - Goethe Universität Frankfurt, Germany <i>Targeting the Ubiquitin and Autophagy networks</i>
15h35-15h55	<b>IL06</b>   <b>Agnieszka Konopacka</b> - The Institute of Cancer Research, London, UK <i>Induced Proximity Therapeutics for Cancer</i>
15h55-16h15	<b>OC03</b>   <b>Giorgia Kidd</b> - Centre for Targeted Protein Degradation, University of Dundee, UK <i>Identification of KRAS PROTACs Targeting GTP- loaded Alleles</i>
16h15-16h20	<b>Spotlight</b>   <b>GDR-ChemBio</b> - Groupement de Recherche en Chémobiologie - Christophe Biot
16h20-16h45	 Coffee break

Session 4: Genome base editing and precision chemistry for therapy – EFMC session

16h45 - 17h05	<i>Chair: Beatriz de Pascual-Teresa</i> <b>IL07</b>   <b>Claudia Höbartner</b> - Universität Würzburg, Germany <i>Targeting RNA by alkyltransferase ribozymes</i>
17h05 - 17h25	<b>IL08</b>   <b>Chase Beisel</b> - Helmholtz Institute for RNA- based Infection Research (HIRI), Würzburg, Germany <i>Programmable gene editing by appending chemical groups to DNA</i>
17h25 - 17h45	<b>OC04</b>   <b>Angela Steinauer</b> - Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland <i>Engineered Protein Cages for RNA Delivery</i>
17h55 - 18h05	<b>AS01</b>   <b>Marie Hinnebo – Christophe Biot</b> - Université de Lille, France <i>Chembioart: Exploring the Aesthetic and Narrative Dimensions of Chemical Biology</i>
18h05 - 19h20	<b>PO1</b>    Poster Session (odd numbers) and Wine and Cheese (with Vegetables and Juices)
20h15	 Cruise on the Seine river



Wednesday, October 8<sup>th</sup>, 2025 - 1/2

09:00 - 09:45	<p><i>Chair: Philip Gribbon</i> <b>KL04</b>   <b>Daniel Nomura</b> - University of California, Berkeley, USA <i>Reimagining Druggability using Chemoproteomic Platforms</i></p>
Session 5: Chemoproteomics-enabled Drug Discovery	
09h45 - 10h05	<p><i>Chair: Philip Gribbon</i> <b>IL10</b>   <b>Massimiliano Gaetani</b>- Karolinska Institute, Stockholm, Sweden <i>Multimodal and Proteome-Wide MS-based Deconvolution of Drug Targets and Mechanisms of Action with Validation and Characterization of Drug-Target Interaction</i></p>
10h05 - 10h25	<p><b>OC05</b>   <b>Debojit Bhattacharjee</b> - Mositt Cancer Center, Tampa, USA <i>High-Throughput Fragment-Based Chemical Proteomics Reveals Differentially Ligandable Targets in Lung Cancer Subtypes</i></p>
10h25 - 10h45	<p><b>OC10</b>   <b>Kevin Renault</b> - Institut Curie, Orsay, France <i>Design of NIR fluorophores for two-photon absorption</i></p>
10h45 - 10h50	<p><b>Organizer presentation</b>   <b>ChemBioLife: EuChemS Division of Chemical Biology and Chemistry in Life Sciences</b> - Francesco Peri</p>
10h50 - 11h15	<p> Coffee break</p>
11h15 - 12h00	<p><i>Chair: Bridget Wagner - Syngenta lecture</i> <b>KL05</b>   <b>Christopher Chang</b> - Princeton University, USA <i>Activity-Based Sensing: Leveraging Chemical Reactivity to Study Biology at the Atomic Scale</i></p>
Session 6: Compound profiling for drug discovery	
12h00 - 12h20	<p><i>Chair: Bridget Wagner</i> <b>IL11</b>   <b>Christopher Schmied</b> - EU-OPENSREEN <i>Large scale Cell Painting dataset enables prediction of chemical compound properties</i></p>
12h20 - 12h40	<p><b>IL12</b>   <b>Jess Ewald</b> - EMBL-EBI, Hinxton, UK <i>Cell Painting for cytotoxicity and mode-of- action analysis in liver-relevant cell lines</i></p>
12h40 - 13h00	<p><b>OC06</b>   <b>Päivi Tammela</b> - University of Helsinki, Finland <i>Functional Precision Medicine through Ex Vivo Drug Sensitivity Testing</i></p>
13h00 - 13h05	<p><b>Organizer presentation</b>   <b>EU-OPENSREEN</b> - Bahne Stechmann</p>
13h05 - 14h30	<p> Lunch</p>
14h30 - 15h15	<p><i>Chair: Sonsoles Martín-Santamaría</i> <b>KL06</b>   <b>Barbara Imperiali</b> - Massachusetts Insitute of technology, Cambridge, USA <i>Rolling Out Glycan Assembly: A Tale of Two Topologies</i></p>



Wednesday, October 8<sup>th</sup>, 2025 - 2/2

Session 7: Computational and AI methods	
15h15-15h35	<i>Chair: Sonsoles Martín-Santamaría</i> <b>IL13</b>   <b>Sereina Riniker</b> - ETH Zürich, Switzerland <i>Conformational flexibility of (bio)molecules: Combining experiments and computation</i>
15h35-15h55	<b>IL14</b>   <b>Zoe Cournia</b> - Academy of Athens, Greece <i>Predicting protein-ligand, protein-protein and protein-membrane interactions using molecular simulations and AI</i>
15h55-16h15	<b>OC07</b>   <b>Sandip Paul</b> - IIT Guwahati, Assam, India <i>Molecular Tweezers in Biomedical Interventions: A Computational Perspective on Their Possible Versatile Therapeutic Applications</i>
16h15-16h25	<b>Spotlight</b>   <b>ChemBioFrance and EU-OPENSREEN</b> - Florence Mahuteau - Philip Gribbon
16h25-16h50	 <b>Coffee break</b>
Session 8: Chemical glycobiology	
16h50 - 17h10	<i>Chair: Boris Vauzeilles</i> <b>IL15</b>   <b>Ben Schumann</b> - Technische Universität Dresden, Germany - <b>EMBO Young Investigator Lecture</b> <i>Chemical Precision Tools to Dissect Protein Glycosylation</i>
17h10 - 17h30	<b>IL16</b>   <b>Sébastien Gouin</b> - Nantes Université, France <i>Electrochemical Wiring of Sugars onto Proteins and Living Cells</i>
17h30 - 17h50	<b>OC04</b>   <b>Arnaud Lehner</b> - Université de Rouen Normandie, Rouen, France <i>Dynamic imaging of plant cell wall pectic polysaccharides by metabolic click-mediated labeling</i>
17h50-17h55	<b>Spotlight</b>   <b>Chemistry Europe</b> - Ruben Ragg
17h55 - 19h10	<b>PO2</b>    <b>Poster Session (even numbers) and Beer and Charcuterie (with Vegetables and Juices)</b>
20h00	 <b>Gala dinner</b>





Thursday, October 9<sup>th</sup>, 2025 - 1/2

09h00 - 09h45	<p><i>Chair: Francesco Peri</i></p> <p><b>KL04</b>   <b>Yimon Aye</b> - University of Oxford, United Kingdom <i>The many guises of reactive metabolite signaling</i></p>
Session 9: Chemistry <i>in vivo</i>	
09h45 - 10h05	<p><i>Chair: Francesco Peri</i></p> <p><b>IL17</b>   <b>Marc Vendrell</b> - The University of Edinburgh, UK <i>Spatial Chemical Biology and Spatial Metabolomics using Mass Spectrometry</i></p>
10h05 - 10h25	<p><b>IL18</b>   <b>Bengang Xing</b> - The Hong Kong Polytechnic University, Kowloon, Hong Kong <i>Orthogonal Molecular Toolkits for Precision Bio-Imaging &amp; Therapeutic ENCTACs Manipulation</i></p>
10h25 - 10h45	<p><b>OC09</b>   <b>Swathi Vanaja Chandrasekharan</b> - Tata Institute of Fundamental Research Hyderabad, India <i>GPCR-targeted imaging and manipulation of homeostatic microglia in living systems</i></p>
10h45 - 10h50	<p><b>Spotlight</b>   <b>Société de Chimie Thérapeutique</b> - Yann Foricher</p>
10h50 - 11h15	<p> Coffee break</p>
11h15 - 12h00	<p><i>Chair: Francesco Peri</i></p> <p><b>KL08</b>   <b>Amanda Hargrove</b> - University of Toronto, Canada <i>Strategies to modulate the conformation and function of RNA with small molecules</i></p>
Session 10: Activity-based probes	
12h00 - 12h20	<p><i>Chair: Sébastien Papot</i></p> <p><b>IL19</b>   <b>Louise Walport</b> - Francis Crick Institute, London, UK <i>Found in translation: new target binding sites for cyclic peptides</i></p>
12h20 - 12h40	<p><b>IL20</b>   <b>Mélanie Ethève-Quelquejeu</b> - Université Paris Cité, France <i>Chemical probes targeting <math>\beta</math>-lactam-binding proteins</i></p>
12h40 - 13h00	<p><b>IL21</b>   <b>Marc Nazaré</b> - FMP Berlin - Berlin, Germany <i>Tailoring Chemical Probes for the Visualization of the Endocannabinoid System</i></p>
13h00 - 13h05	<p><b>Spotlight</b>   <b>Société Française de Biochimie et Biologie Moléculaire</b> - Hélène Munier-Lehmann</p>
13h05 - 14h30	<p> Lunch</p>
14h30 - 15h00	<p><b>ICBS Annual Business Meeting</b></p>



Thursday, October 9<sup>th</sup>, 2025 - 2/2

Session : ICBS Young Chemical Biologist - Rising Stars	
15h00 - 15h20	<i>Chairs: Douglas Auld - Bridget Wagner</i> <b>AW02</b>   <b>Chayasith Uttamapinant</b> - Vidyasirimedhi Institute of Science and Technology (VISTEC), Rayong, Thailand <i>Engineering multiphase protein condensates for DNA amplification and disease detection</i>
15h20 - 15h40	<b>AW03</b>   <b>Fleur M. Ferguson</b> - University of California San Diego, USA <i>Interrogating the Druggable Proteome with Proximity Pharmacology</i>
15h40 - 16h00	<b>AW04</b>   <b>Hannes Mikula</b> - TU Wien, Austria <i>Unlocking Chemistry: Next-Level Bioorthogonal Click-To-Release</i>
16h00 - 16h25	 Coffee break
16h25 - 16h30	<b>Spotlight</b>   <b>SCF-ChemBio Young Chemical Biologists</b> - Lina El Hajji
16h30 - 17h15	<i>Chair: Francesco Peri</i> <b>KL09</b>   <b>Alessio Ciulli</b> - University of Dundee, UK <i>Induced Proximity-Pharmacology: PROTACs/Molecular Glue Degraders and beyond</i>
Session : EuChemS ChemBioLife and SCF-ChemBio Awards	
17h15 - 17h35	<i>Chairs: Francesco Peri - Boris Vauzeilles</i> <b>EuChemS ChemBioLife Award 2023</b> <b>AW05</b>   <b>Nadja A. Simeth-Crespi</b> - Georg-August- University of Göttingen, Germany <i>Manipulating Peptides and Proteins with Light</i>
17h35 - 17h55	<b>SCF-ChemBio Young Researcher Award 2024</b> <b>AW06</b>   <b>Julie Karpenko</b> - LIT, Université de Strasbourg, France <i>Synthesis and application of fluorescent antimicrobial peptides</i>
17h55 - 18h15	<b>SCF-ChemBio Young Researcher Award 2025</b> <b>AW07</b>   <b>Arnaud Chevalier</b> - CNRS-ICSN, Gif-sur-Yvette, France <i>Real-time imaging of mitochondrial reductase-mediated chemical transformations with smart fluorogenic probes</i>
18h15 - 18h20	<b>Spotlight</b>   <b>Bioorganic Chemistry Gordon Research Conference</b> - Damian W. Young
18h20 - 18h45	 Awards and Conclusion Remarks
18h45	<i>End of Symposium</i>

