EUROPEAN PROTEOMICS ASSOCIATION

EuPA NEWSLETTER

2025
JUNE

ISSUE 2

IN THIS ISSUE

MESSAGE FROM THE EDITORS

Dear Colleagues and Members of the European Proteomics Community,

Welcome to the second issue of the EuPA Newsletter for 2025!

We are thrilled to share this issue with you just days before the EuPA 2025 Congress in Saint-Malo, France. As the proteomics community prepares to come together again, this newsletter captures the momentum, enthusiasm, and scientific excellence that define our field.

In this edition, we highlight recent gatherings, including the YPIC Annual Proteomics Gathering in Athens and the Swiss Proteomics Meeting. We are proud to showcase the achievements of our early career scientists. We also feature a spotlight on the iMOP initiative, which continues to expand the scope of proteomics through emerging model organisms and interdisciplinary approaches. And of course, we provide a look ahead at the exciting events still to come this year—from summer schools to symposia and the HUPO World Congress.

As we gather in Saint-Malo to exchange ideas and strengthen our connections, we hope this issue serves as both a reflection of recent accomplishments and a source of inspiration for the future.

Thank you for being part of the EuPA community.

Warm regards,

On behalf of the EuPA Conference and Communication Committee

the Editor of the EuPA Newsletter: Eleni Zografos, and

the Co-Editors of the EuPA Newsletter: Éva Csősz and Fernando Corrales

YPIC ANNUAL PROTEOMICS GATHERING 2025: A DAY OF SCIENCE AND CONNECTION IN ATHENS

The 2nd YPIC Annual Proteomics Gathering took place on March 20, 2025, at the Biomedical Research Foundation of the Academy of Athens (BRFAA) in Greece and it was an inspiring event! With over 50 enthusiastic attendees, the day was packed with insightful talks, dynamic flash presentations and lively discussion rounds. The YPIC team was proud to once again connect with the local Greek proteomics community and create a vibrant space for early career researchers to engage with international peers. Grateful for the local collaboration and warm welcome facilitated by the Hellenic Proteomics Society (HPS).

This exciting initiative, supported by EuPA**,** Evosep Biosystems**,** IonOpticks, and MS Wil**,** provided a platform for young proteomics researchers to showcase their innovative ideas, discuss cutting-edge proteomics research and contribute to the success of the event. A diverse line-up of speakers from across Greece and Europe shared their latest research with insightful talks adding great value to the program. Speakers included: George Tsangaris, Myria Pallikarou, Martha Nikopaschou, Foteini Paradeisi, David Del Rio, Erik Verschuuren, Maurine Fucito, Maria Bourganou, Christina Skodra, Theresa Hofmeister, Susmita Gosh and David Palmero Canton.

A key highlight was the final round of the YPIC Student Proteomics Fund (SPF). Finalists Theresa Hofmeister, Susmita Ghosh, and David Palmero Cantón presented their innovative projects and received audience feedback. Susmita and Theresa joined in person and were awarded travel grants by sponsor representatives Erik Verschuuren (MS Wil/IonOpticks) and Maurine Fucito (Evosep Biosystems).

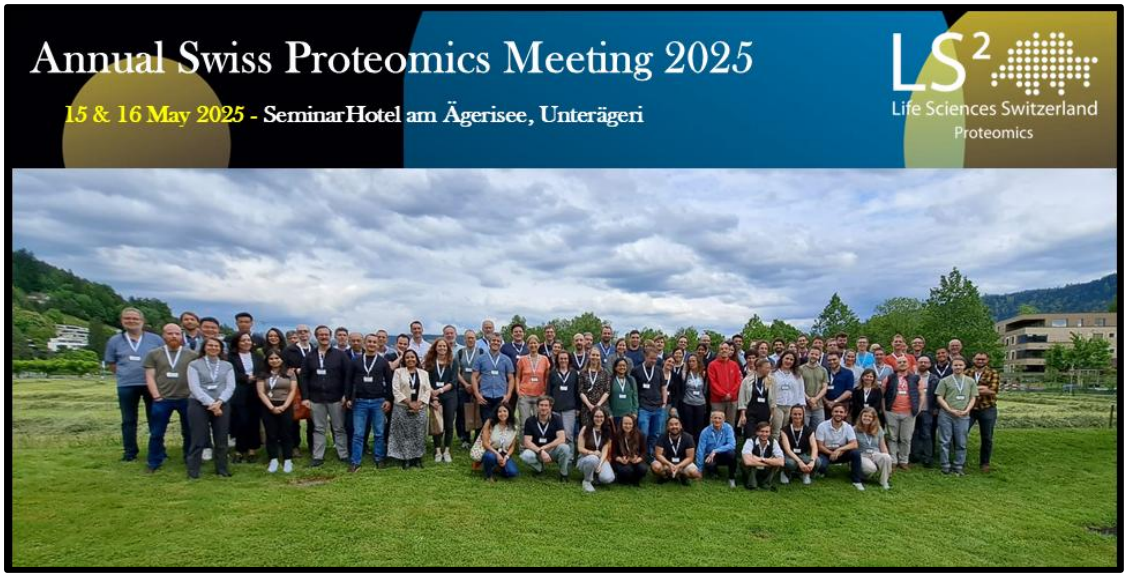
At the conclusion of the gathering, Jorge Peinado Izaguerri, lead of the SPF initiative, announced Susmita Ghosh from the Leibniz-Institut für Analytische Wissenschaften – ISAS – e.V. (Dortmund, Germany) as the winner of the first YPIC Student Proteomics Fund. She will receive €5,000 to develop her project, “Development of a high throughput ‘CDome’ assay for profiling immune cells.”.

YPIC extends heartfelt thanks to the speakers, SPF finalists, all student applicants, the Hellenic Proteomics Society and our generous sponsors. We're already looking forward to the next APG in Madrid, Spain—see you there!

Submitted by:
Maria Bourganou, YPIC Core Member, BRFAA & University of Thessaly

ANNUAL SWISS PROTEOMICS MEETING 2025: ADVANCING COLLABORATION, INNOVATION, AND AI

The 2025 Annual Swiss Proteomics Meeting took place on May 15–16 at the Ägerisee in Switzerland. Organized by the LS² Proteomics Section, the meeting brought together proteomics researchers from Switzerland and abroad to share recent advancements and promote collaboration between academia and industry. Students and postdoctoral researchers had the opportunity to present their work and interact with principal investigators, keynote speakers, and company representatives. The program featured sessions on post-translational modifications (PTMs), spatial proteomics, mass spectrometry (MS) technologies, informatics, and biomarker discovery. A special workshop focused on the role of AI in proteomics and its future perspectives and challenges. The meeting featured keynotes by Prof. Ruth Huttenhain on "Exploring non-canonical GPCR interactions using unbiased proteomics" and by Dr. Marcus Bantscheff. Marcus Bantscheff provided an overview of recent advancements in (chemo-)proteomics technologies and their application to questions relevant to drug discovery. Three travel awards of 1,000 CHF each to attend this year's HUPO in Toronto were awarded to Jennifer Baltazar (University of Basel), Laura Wessling (University of Lausanne), and Martin Gesell. Next year's annual meeting will take place in Bern from April 23-24. Save the date and see you then!

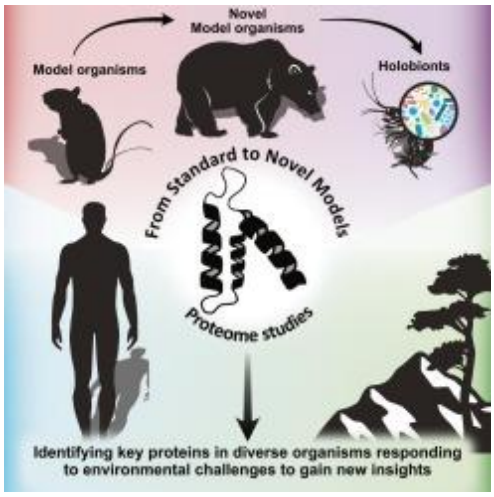


Submitted by:
Dr. Sandra Goetze, ETH Zürich

IMOP: EXPLORING NEW FRONTIERS IN PROTEOMICS THROUGH EMERGING MODEL ORGANISMS

The **Initiative for Model Organism Proteomics (iMOP)** is a long-standing joint effort between HUPO and EuPA that aims to broaden the landscape of proteomics by promoting the use of diverse and emerging model organisms. Originally launched in 2010, iMOP continues to gain momentum by encouraging integrative approaches at the intersection of proteomics, environmental biology and health research.

In an era where multi-omics technologies offer unprecedented insight into biological complexity, the notion of a "model organism" must evolve. Classical models such as *E. coli* or *Saccharomyces cerevisiae* have been pivotal in building foundational knowledge but are often inadequate to address emerging questions in biodiversity, microbial ecosystems, environmental toxicology, and host-microbe interactions. iMOP advocates for the inclusion of new biological systems, ranging from environmental sentinels to holobionts, to better capture the complexity of life and to explore mechanisms relevant to the One Health approach, which better take into account the interconnections of human, animal, and environmental health.



This vision is described in the most recent publication from the initiative:

Armengaud et al., 2025 – "Novel model organisms and proteomics for a better biological understanding".

This commentary re-evaluates the model organism paradigm in light of modern proteomic and genomic tools. It emphasizes with several examples how comparative evolutionary proteomics allows us to extrapolate knowledge across the tree of life—Bacteria, Archaea, and Eukarya—and to identify functional proteins critical for survival under stress conditions, such as pollutants, pathogens, dietary shifts or climate change. These insights pave the way for sustainable, long-term strategies in medicine, agriculture and ecology.

To further strengthen its community and scientific visibility, iMOP will host a dedicated session at the upcoming **EuPA-FPS 2025 Congress** in Saint-Malo:

Tuesday, June 17th | 15:45–16:35 | Room VAUBAN 1

Looking ahead, iMOP seeks to build new bridges with the bioinformatics community. In collaboration with EuBIC, a working group could be assembled to map and connect tools for improving the analysis of proteins and their

numerous proteoforms, in terms of primary and tertiary structure, interactions, and functions. This effort invites contributions from all fields—whether human, animal, plant, or microbial models—and particularly welcomes early career researchers interested in unreferenced proteins and systems biology.

iMOP's mission is not only to expand the proteomics toolbox but also to reshape how we define models in life science research. We warmly welcome anyone interested in this vision to join us in this collaborative effort.

For more information and to get involved:

https://hupo.org/Initiative-for-Model-Organisms-Proteomics-(iMOP)

Submitted by:
Tristan Cardon, Univ. Lille

REFLECTIONS ON US-HUPO 2025 – A EUROPEAN PERSPECTIVE

I was fortunate to receive one of the travel grants offered to European researchers to attend the US-HUPO 2025 conference in Philadelphia, Pennsylvania. As a postdoctoral researcher from Cyprus, I was genuinely excited for the opportunity to present my work to a broader, international audience and to engage with fellow scientists in the proteomics community.

US-HUPO 2025 turned out to be one of the most rewarding conferences I've attended so far in my early research career. I felt truly welcomed into the US-HUPO community, which made the experience both scientifically enriching and personally enjoyable.

For me, the highlights of the conference fell into two main categories: the scientific program and the social interactions. I had the chance to meet researchers working in omics-related fields whose presentations and posters were not only informative but also inspiring they offered valuable perspectives that I'll be taking back to my own work. The short courses on Saturday and Sunday were particularly well-structured and provided practical solutions to some of the analysis challenges I've encountered.

The social side of the conference was equally engaging. The icebreaker feature in the conference app proved unexpectedly fruitful. I connected with another proteomics researcher over cocktails, leading to a new friendship. I also had the chance to join a historical tour of Philadelphia, which, by coincidence, turned into a private guided walk an unexpected bonus that added to the overall experience.
Overall, I had a thoroughly enjoyable and productive time both at the conference and exploring the city. My takeaway message to other European-based researchers is: if you have the chance to attend US-HUPO, take it. Don't miss out on the short courses and make the most of the opportunity to connect with smart, thoughtful, and welcoming researchers. I'm already looking forward to US-HUPO 2026 and HUPO 2026.

Submitted by:
Christiana Christodoulou, The Cyprus Institute of Neurology & Genetics

UPCOMING EVENTS

EUPA 2025 Congress, June 16th-20th, 2025, Saint-Malo, France

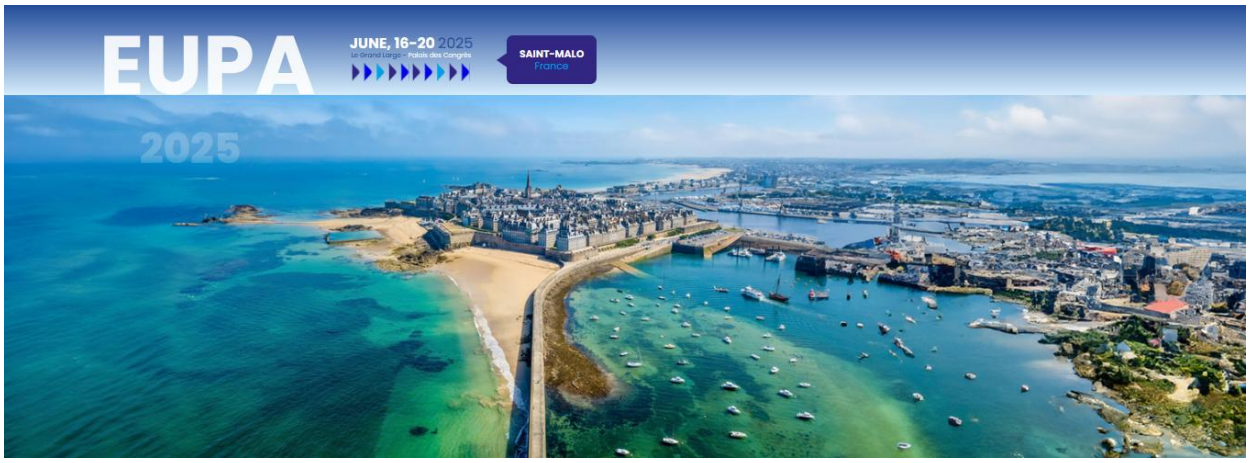
We have the pleasure to inform you that the EuPA 2025 Congress will be held in Saint-Malo, France, from June 16th to 20th.

Saint-Malo, historical home of great discoverers and corsairs, is an outstanding fortified city located on the north coast of Brittany. Visitors will admire the breathtaking view of the bay of Saint-Malo as they walk the 1.5 miles of ramparts that surround the walled town. In the vicinity of Saint-Malo is the Mont Saint Michel, resting on the fringes of Normandy. This rocky, wind beaten islet is undoubtedly the most prestigious creation of the Middle Ages.

You are indeed most welcome to stay with us over this five days-congress, and we wish that the wonderful location and relaxing atmosphere of Saint-Malo will allow you to exchange fruitfully and informally with the Proteomics community.

EuPA 2025 Chairs: Charles Pineau, Christine Carapito, Yves Vandenbrouck

More information on: https://eupa2025-stmalo.fr/en/general-information/venue



Educational Day: Proteomics 101

EuPA-FPS 2025, June 16th 4-6PM

AMPHITHEATRE MAUPERTUIS

Applied Proteomics 101:

Chien-Yun Lee
"Clinical peptidomics in practice and the road ahead"

Fabian Coscia
"Spatial Proteomics: Considerations for experimental design"

Bioinformatics 101:

Lennart Martens
"No more surprises: AI predictions in MS DDA & DIA data interpretation"

Robbin Bouwmeester
"A deep dive into limitations of modification searching for DIA data"

Caroline Jachmann
"Fantastic PTMs and how (not?) to find them using msqrob2PTM - a real-life journey"

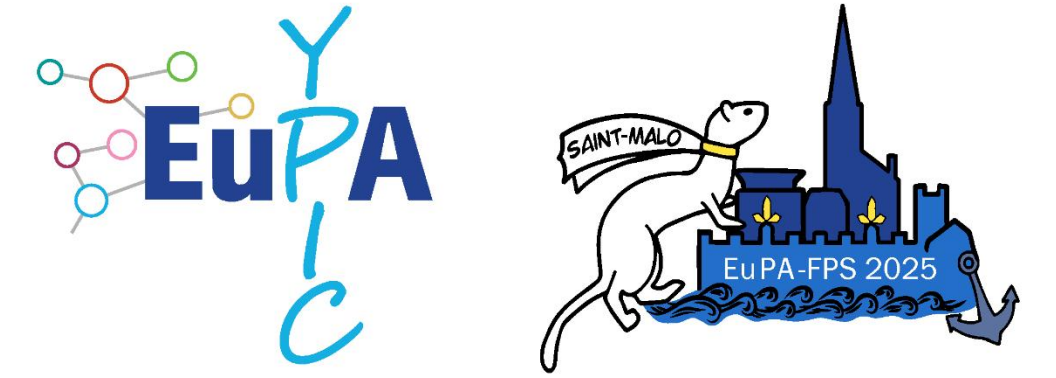
We are excited to share the program for the upcoming **Proteomics 101 Session** at the **EuPA 2025** conference in **St-Malo**! Following the success of our previous edition in Newcastle, we have invited five outstanding speakers to present on a range of key topics in proteomics.

If you're looking to build a solid foundation or refresh your understanding before diving into the more advanced sessions later in the conference, don't miss this opportunity!
Join us on June 16 at 4:00 PM in the Amphitheatre Maupertuis.

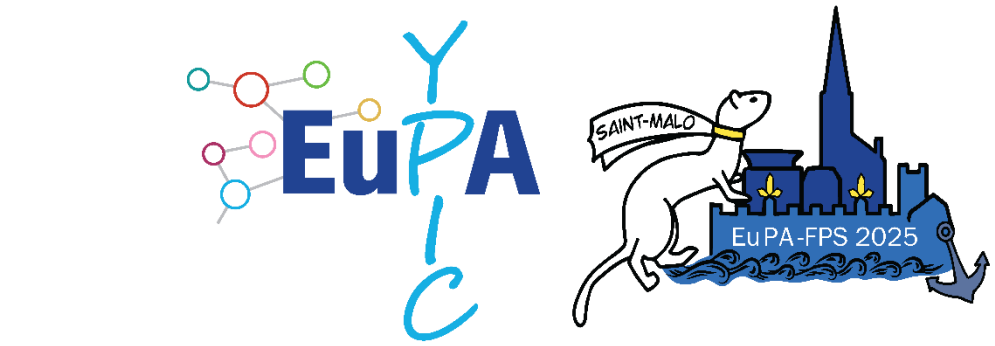
Session Program:

- **Clinical Peptidomics in Practice and the Road Ahead** – Prof. Chien-Yun Lee
- **Spatial Proteomics: Considerations for Experimental Design** – Prof. Fabian Coscia
- **AI Predictions in MS DDA and DIA Data Interpretation** – Prof. Lennart Martens
- **A Deep Dive into the Limitations of Modification Searching for DIA Data** – Dr. Robbin Bouwmeester
- **Fantastic PTMs and How (Not?) to Find Them Using msqrob2PTM** – Caroline Jachmann

We look forward to seeing you there!



As part of the EuPA 2025 Educational Day, we are organizing an engaging and interactive Career Session on 16 June from 14:00 to 16:00 in the Amphitheatre Maupertuis. This session is designed to offer early-career researchers a dynamic perspective on diverse career trajectories in proteomics. Through a combination of anonymous career path guessing, a Myth vs. Reality segment, open Q&A, and informal breakout discussions, participants will gain valuable insights, advice, and candid reflections from experienced professionals. We hope this session will encourage open conversation and offer helpful perspectives for anyone thinking about their next steps. We look forward to seeing many of you there.



Meet the Experts EuPA 2025

YPIC session, June 18th

Room: Vauban 2 Time: 12:30–13:30 CEST

Jenn Abelin
Senior group leader, MIT Broad Institute
MS-based immunopeptidomics to uncover HLA-presented peptides in immune response and therapeutic targeting.

Saar van der Laarse
Technical Sales Specialist LC-MS, Thermo Scientific
Supports LC-MS projects in the BeNeLux region. Provides technical insight into mass spectrometry solutions aligned with specific application needs.

Bernd Wollscheid
Professor, ETH Zurich
& founder of DISCO Pharmaceuticals
Research to advance next-generation theranostic technologies and personalized healthcare solutions.

Tim Van Den Bossche
Postdoctoral researcher, VIB-UGent
Co-founder of the Metaproteomics Initiative, driving international collaboration and innovation in microbiome research.

Anjali Seth
Head of Single Cell Proteomics, Cellenion
Leads automation and miniaturization of single-cell proteomics full sample preparation workflow.

Stefanie Hauck
Leader of the Research Unit Protein Science, Helmholtz Munich
Integrating proteomics and metabolomics for system-level profiling to uncover disease-specific biological mechanisms.

Erwin Schoof
Associate Professor, DTU
Leading the Cell Diversity Lab in developing high-sensitivity single-cell proteomics to study disease biology and cellular heterogeneity.

Registration Obligatory

We are thrilled to announce our next "Meet-the-Expert" session, featuring expert figures in proteomics! This is a unique opportunity for participant to engage directly with experts and dive into cutting-edge research, challenges, and future directions within the field. Whether you're a seasoned researcher or a young scientist, this interactive session promises valuable insights and a chance to ask your questions! We look forward to seeing you there.

MaxQuant Summer School 2025

MaxQuant Summer School 2025

Registration Now Open!

July 21-25, 2025 | Educatorium, UU

We are excited to announce that the MaxQuant Summer School 2025 will take place from **July 21 to July 25, 2025**, at the Educatorium, Universiteit Utrecht.

Event Highlights:

- Hands-on Training: Engage in practical sessions focused on computational analysis of proteomics data generated by modern mass spectrometers.
- Expert Lectures: Learn from leading scientists in the field, including plenary talks by:

Keynote Speakers

Alexander Makarov

Thermo Fisher Scientific

Albert J. R. Heck

Utrecht University

Kelly Stecker

Utrecht University

Noortje de Haan

Leiden University Medical Centre

Ron Heeren

Maastricht University

maxquant.org

More Information:
For detailed information about the program, schedule please visit our official Summer School webpage - maxquant.org/summer_school/

Early Bird Registration:
Take advantage of our early bird rates by registering now. Secure your spot and benefit from discounted fees.

Brixen Proteomics Summer School 2025, July 27th- August 2nd, 2025, Ghent, Belgium, Brixen, Italy

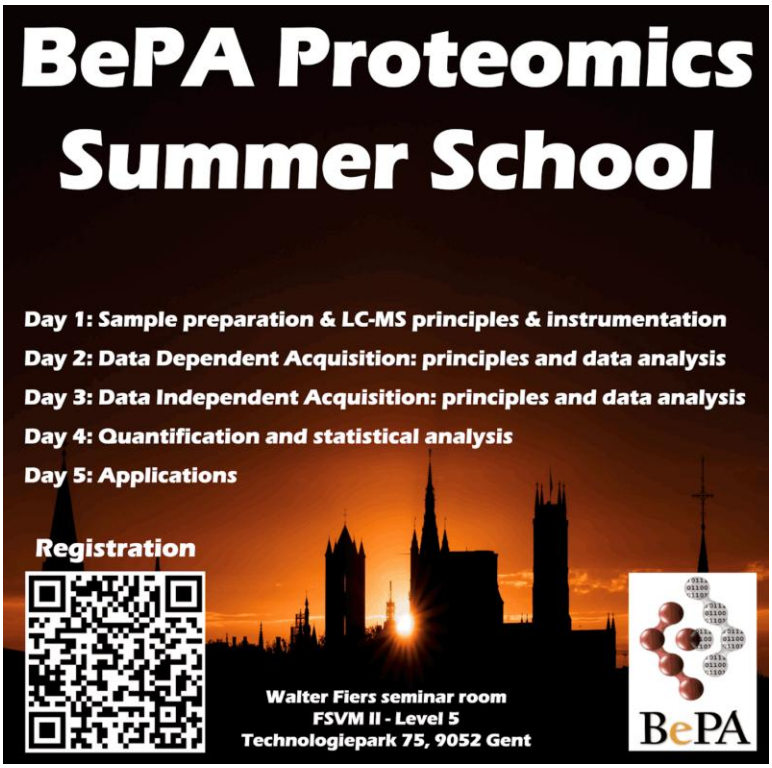
We are pleased to announce the European Summer School on Advance Proteomics 2025, which will be held in Brixen, Italy. The course contains educational talks, interactive tutorials, and workshops covering technological basics, current best practices, and future developments given by leading academic and industry experts. The extracurricular activities and the social events in the gothic cellar vault at our venue have proven to be an excellent environment for student and speaker interactions. The registration fee includes access to all lectures, workshops and social activities, accomodation (two people sharing a room) as well as all meals. Our summer school is designed to provide graduate students and young postdoctoral scientists from academia and industry with deep insights into state-of-the-art proteomic technologies and applications in the life sciences.

More information on: https://www.brixenproteomics.org

BePA Proteomics Summer School 2025, August 25th- 29th, 2025, Ghent, Belgium

In this summer school, a broad selection of proteomics experts from Ghent and beyond go through the entire proteomics workflow from sample preparation, over data acquisition to data analysis. Basic principles are thoroughly explained while still focusing on the state-of-the-art technology used in the very rapidly evolving proteomics field.

The summer school will show researchers what the capabilities of proteomics are. Attendees will not become experts in proteomics or mass spectrometry but rather enable them to communicate and think along with the proteomics experts when they have to use proteomics experiments. At the end of the course, attendees will better understand the dos and don'ts in proteomics and be able to design their own experiment in order to find an answer to their protein-related questions. Starting PhD candidates will be well prepared on the proteomics part of their project for their defence of e.g. FWO. PhD candidates that are in a later stage of their project will be able to easily integrate proteomics in their project, to be able to prepare compatible samples and interpret and process the data on their own.



More information on: https://belgianproteomics.be/events/bepa-proteomics-summer-school-2025/

6th European Symposium on Single Cell Proteomics (ESCP), August 26th – 27th, 2025, Vienna, Austria

The IMP @ the Vienna Biocenter hosts the European Symposium on Single Cell Proteomics (ESCP) for the 6th time, from August 26th – 27th 2025.

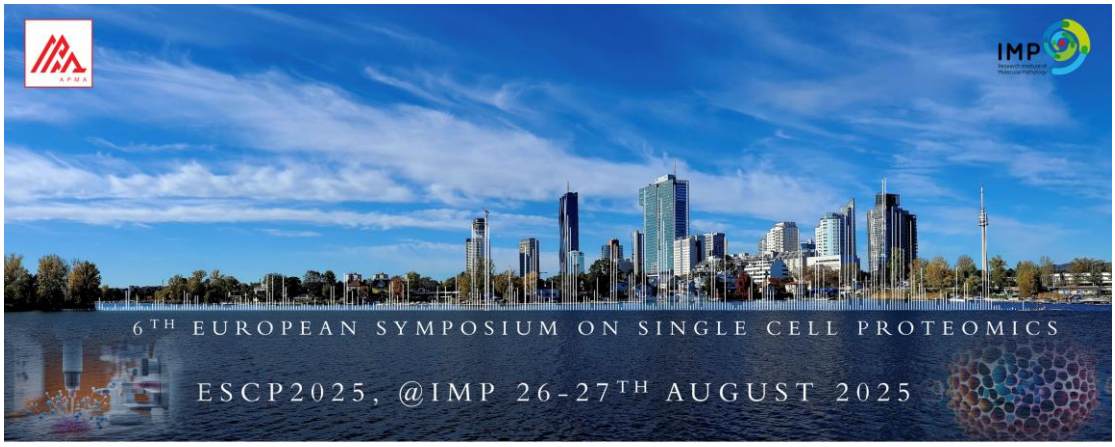
Building on the success of the previous symposium with over 220 registered participants, we continue the tradition of the European Symposium on Single Cell Proteomics. In 2025 we will focus not only on proteomics but also on multiomic, metabolomic and related studies on the single cell level. We will further have a dedicated session of speakers that bring a spatial component into their data!

Stay tuned – more details follow soon & all updates are communicated on this webpage.

Abstract submission closes: July 27th, 2025

Registration closes: August 17th, 2025

More information on: https://www.apma.at/6thescp/



Nordic Conference in Mass Spectrometry and Proteomics, September 1-3, 2025, ODEON, Odense, Denmark

The NordicMSP2025 conference is interdisciplinary and forward-looking. It includes plenary and keynote lectures from leading international mass spectrometry scientists and covers fundamentals, environmental, pharma, bioimaging, metabolomics, proteomics and much more.

A majority of talks will be selected from the submitted abstracts, so make sure to register early (June 15 deadline) and submit your most recent research results for a presentation or poster.

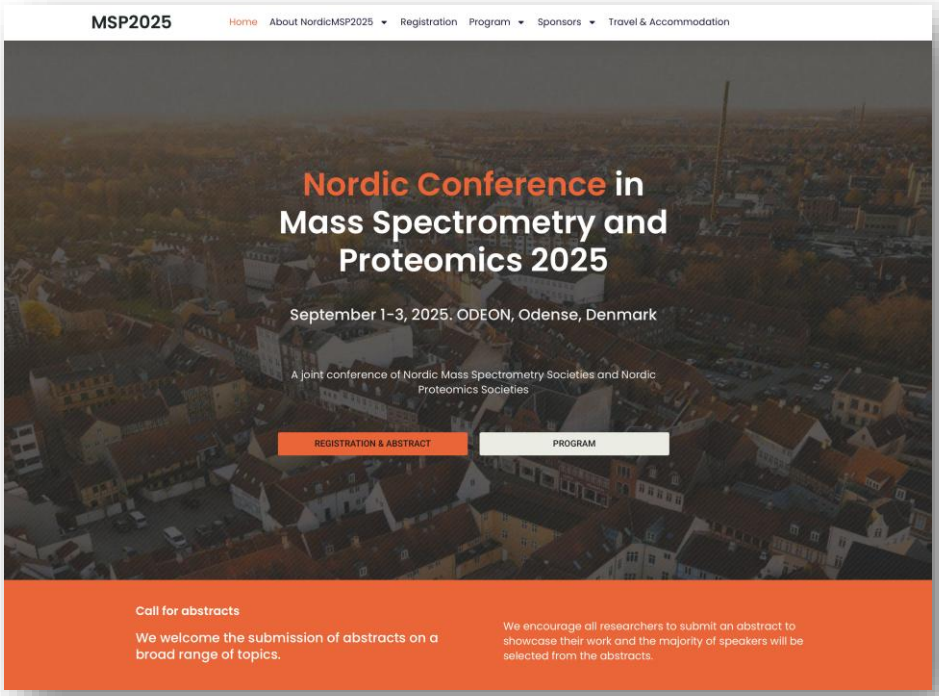
We encourage young scientists and technicians to participate (low registration fee).

Information, program and registration: https://www.nordicmsp2025.com

The NordicMSP2025 conference will strengthen the mass spectrometry and proteomics communities across academia, hospitals, pharma and the biotech industry, and is also an excellent recruiting ground for companies.

Best regards,

Ole Nørregaard Jensen



Summer School – Mass Spectrometry meets Systems Medicine, September 22 – 25, 2025, Mainz, Germany

Systems medicine approaches address (patho)physiological questions in an integrated, holistic fashion combining multiple layers of information. To efficiently translate findings into clinical settings and practice, an efficient collaboration from experts in various research fields is required. The Summer School "Mass Spectrometry meets Systems Medicine" fosters the interdisciplinary exchange between biologists, clinician scientists, and computer scientists.

Workshops:
- MS Workshop: Teams of Prof. Markus Ralser (Charité - University Medicine Berlin) and Prof. Stefan Tenzer (University Medical Center Mainz)
- Multiomics Data Analysis: Teams of Dr. Junyan Lu (Heidelberg University Hospital) and Dr. Vincent ten Cate (University Medical Center Mainz)
- Computational Medicine: Teams of Prof. Philipp Wild & Dr. Vincent ten Cate (University Medical Center Mainz)
- Ring Trials: Teams of Prof. Stefan Tenzer and Dr. Laura Bindila (University Medical Center Mainz)

Keynote Speakers:
- Prof. Carsten Hopf (Mannheim University of Applied Science)
- Dr. Wolfgang Huber (EMBL Heidelberg)
- Prof. Heiko Runz (Neuroscience/Genetics at insitro Inc)
- Dr. Stefanie Hauck (Helmholtz Center Munich)

Career Roundtables:
- Prof. Ursula Klingmüller (DKFZ, Heidelberg)
- Dr. Tanja Pies (University Medical Center Mainz)
- Jun. Prof. Thierry Schmidlin (University Medical Center Mainz)
- Dr. Stefanie Wernisch (Bruker)
- Dr. Bernhard Müller (BioNTech)
- Dr. Stefanie Hauck (Helmholtz Center Munich)

Registration:
To register for the Summer School please use the following link or QR code:
https://indico.him.uni-mainz.de/event/232/

Contact:
Farshad Roodbarkelari
roodbarf@uni-mainz.de

DIASYM · MSCORESYS

19th Central and Eastern European Proteomic Conference, October 14th-17th, 2025, Budapest, Hungary

The annual Central and Eastern European Proteomic Conference can be considered as the bedrock of proteomics in Central and Eastern Europe and since its creation, has seen an incredible growth in proteomics. The main focus of the conference is clinical/cancer proteomics, however all other aspects of proteomics are welcome: applications, fundamentals, technical developments and instrumentation; and provides an interdisciplinary approach involving chemistry, biology, medicine and bioinformatics.

Organizing committee: László Drahos and Lilla Turiák (co-chairs), Mirjam Balbisi, Fanni Bugyi, Boglárka Cziráki, Rachma Dessidianti, Ágnes Gömöry, Virág Horváth, Krisztián Márk Karvaly, Alexandra Molnár, Kinga Nagy, Domonkos Pál, Ágnes Révész, Dániel Szabó, Károly Vékey, Dávid Virág

More information on: http://proteomics.ttk.hu/19ceepc/registration/

HUPO 2025 Congress, November 9th-13th, 2025, Toronto, Canada

We are thrilled to welcome you to the vibrant city of Toronto, Canada, for the 24th edition of the Human Proteome Organization World Congress, taking place from November 9 – 13, 2025. This year's theme, "One Health Powered by Proteomics," encapsulates the groundbreaking spirit of our field and the pivotal role proteomics plays in advancing global health.

This Congress is a milestone in our field, bringing together leading minds to discuss how proteomics is revolutionizing our understanding of health across human, animal, plants, and environmental dimensions. We are excited for the rich exchange of ideas, the cutting-edge research, and the opportunity to connect with peers from around the globe.

Toronto's vibrant culture and dynamic environment will provide a fantastic backdrop for our discussions. We hope you will join us for a memorable and impactful event in the spirit of One Health: collaborative and transdisciplinary.

HUPO 2025 Congress Chairs: Marie A. Brunet, Jennifer Geddes-McAlister, Mathieu Lavallée-Adam

More information on: https://2025.hupo.org

Introducing

Evosep Eno

An **easy-to-use, robust** and **reliable** chromatographic solution for high performance and **standardized proteomics**, preparing for next generation workflow integration.

- Completely redesigned on the inside with new electronics
- Faster timing and more precise synchronization of HW
- Chromatographic improvement on all methods Improved

EVOSEP

Learn more at

Evosep.com/**evosep-eno**