

EuPA NEWSLETTER

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MESSAGE FROM THE EDITORS

Dear Colleagues and Members of the European Proteomic Society (EuPA),

Welcome to this edition of the European Proteomic Society Newsletter! As always, we are excited to bring you the latest insights, achievements, and advancements from the proteomics community across Europe and beyond.

In this issue, we highlight two inspiring journeys: one of a researcher from India whose Marie Skłodowska-Curie Fellowship helped her participate in proteomics research in Europe, and another of a Fulbright Scholar from Greece who traveled to Yale University to explore One Health through proteomics. These stories showcase the impact of international scholarships in advancing careers, fostering global collaboration, and driving scientific excellence in proteomics.

We hope this newsletter provides you with valuable updates, thought-provoking discussions, and a sense of connection to our vibrant research community. We encourage you to share your achievements, insights, and experiences with us – your contributions help strengthen and inspire the EuPA network.

Best 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

GLOBAL PROTEOMICS RESEARCH JOURNEYS

FROM DREAMS IN INDIA TO PROTEOMICS DISCOVERIES IN EUROPE: MY MARIE CURIE EXPERIENCE

When I first received the news that I had been awarded the prestigious Marie Curie Scholarship, it felt like a dream come true. Growing up in India, I always dreamed of expanding my horizons, both academically and culturally. The Marie Curie Scholarship, with its prestigious reputation and the promise of an international research experience, seemed like the perfect opportunity to make that dream come true.

Leaving behind my home country to pursue advanced research in a foreign land felt like a leap of faith, but I was ready for the challenge. Moving to Debrecen was an exciting yet daunting experience. As I settled into life in Hungary, I was overwhelmed by the warmth and kindness I received from and my fellow international students, played a significant role in making me feel at home in a new country. The transition, though challenging at times, was made much easier by the collaborative atmosphere fostered by my supervisor, Dr. Eva Csosz.

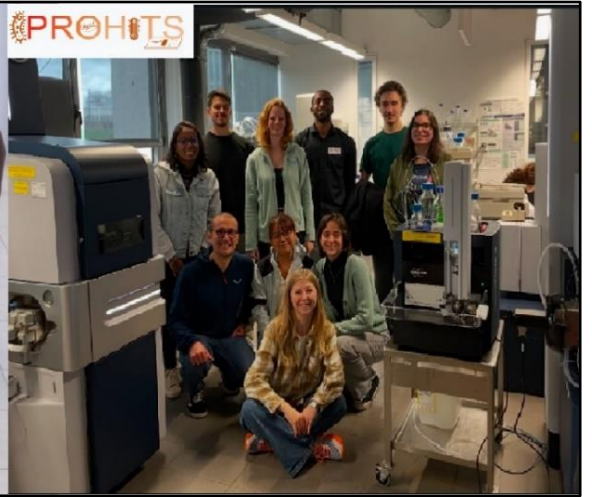
One of the most enriching aspects of my time here is the incredible cultural diversity of the lab. With researchers from countries like Pakistan, Mongolia, Iran, South Africa, Egypt, Indonesia, and Hungary, every day brings unique perspectives and experiences. This openness to international collaboration fosters vibrant discussions, enhances research quality, and promotes mutual respect. Beyond science, our cultural exchanges broaden our understanding of the world, forming bonds that transcend borders. Together, we contribute to scientific progress while celebrating the beauty of diversity. I am also proud to be a part of the European Proteomics Association (EuPA), joining a network that supports proteomics research.

Apart from being part of a diverse lab, the PROHITS (<https://prohits.eu/>) Marie Curie program is an excellent PhD program offering a lot of training opportunities. The program emphasizes the importance of teamwork, encouraging scholars to collaborate with colleagues from varied backgrounds. One of the most unique aspects is the concept of secondments, which allows each student to work in multiple labs beyond their primary research environment. Such experiences not only enhance technical expertise but also build adaptability, networking skills, and a global perspective, making the program truly transformative.

I am incredibly grateful to my supervisor and the Marie Curie program, and my diverse and talented colleagues for making this journey an unforgettable one. This experience has not only shaped me as a researcher but also as a global citizen, and I look forward to the many more proteomics discoveries, challenges, and friendships that lie ahead on this exciting journey.



In the Csoz lab in Debrecen



Among the doctoral candidates in the PROHITS program

Submitted by:
Mansi Jain

MY FULBRIGHT EXPERIENCE AT YALE: ADVANCING ONE HEALTH THROUGH PROTEOMICS

I am Dr. Angeliki Katsafadou, an Assistant Professor at the Faculty of Public and One Health, University of Thessaly, Greece. I hold a degree in Veterinary Medicine, an MSc from the Agricultural University of Athens, and a Ph.D. in Animal and Veterinary Proteomics from the University of Thessaly and the Academy of Athens. Notably, my doctoral thesis was the first in Greece to focus on veterinary proteomics.

As a 2024-2025 Fulbright Scholar, I have the privilege of being hosted at the Yale School of Public Health, where my research integrates proteomic and metabolomic methodologies within the One Health framework. Specifically, I focus on assessing environmental contaminants and their impact on public health through animal biomonitoring.

My Fulbright journey at Yale has been nothing short of transformative. Immersed in a world-class research environment, I have had the opportunity to collaborate with leading scientists and utilize cutting-edge proteomics technologies. This experience has significantly enhanced my research on climate change's impact on public health—one of the most pressing global challenges. By employing advanced proteomics and metabolomics approaches, I aim to unravel the molecular signatures of environmental contaminants, contributing to the development of mitigation strategies.

Beyond academia, I have been deeply engaged in knowledge exchange and interdisciplinary collaboration. I have actively participated in academic discussions, enrichment programs, and outreach lectures, broadening my perspective and fostering meaningful connections. One of the highlights of this experience was my participation in the Cleveland Fulbright Scholar Enrichment Seminar, where I was one of only eight presenters among 120 international visiting scholars. This opportunity allowed me to network with scholars from diverse backgrounds, exchanging ideas and insights on global research challenges. Additionally, I had the honor of joining the Fulbright Outreach Lecturing Fund (OLF) visit to Clafflin University, where I connected with students and faculty through lectures and discussions. These interactions not only stimulated scientific curiosity but also strengthened international collaboration in public health research, reinforcing the importance of cross-disciplinary and cross-cultural engagement in addressing global health challenges.

The Fulbright Program has been a defining milestone in my career, reinforcing my commitment to global health initiatives and interdisciplinary research. The knowledge, networks, and experiences I have gained will

continue to shape my work, ensuring that One Health innovations drive impactful solutions for global health challenges.

This experience has reaffirmed my belief in the power of international academic exchange to bridge scientific disciplines and cultures. I look forward to the next steps in my research journey, building upon the strong foundation that Fulbright and Yale have provided.



Submitted by:
Dr. Angeliki Katsafadou

TAKEAWAYS FROM THE GENERAL COUNCIL MEETING

On March 6, 2025, there was a General Council meeting with the participation of the presidents and/or representatives representing 20 EuPA member societies. The EuPA committees presented their work, and the programs organized in the past six months.

Please find below some highlights of the meeting:

- A Bluesky account was created and in the future EuPA will be less active on X and more active on Bluesky.
- The EuPA website contains a new menu item: Blog under the News menu and selected social media posts are shared on the website.
- The EuPA 2025 conference will be in Saint-Malo. You can still submit an abstract to the conference as the submission deadline was extended to March 28th. The registration fees cover the lunch as well.
- The next EuPA conference will be in Wurzburg, between November 29-December 3, 2026, organized by DGPF and EuPA.
- The bids for the HUPO-EuPA 2027 conference will open soon; currently there is an ongoing discussion with HUPO regarding the details.
- The EuPA Map is accessible on the EuPA website (<https://eupa.org/map/>). If you would like your lab to be visible on the map, register your lab or ask your PI to register. Registration is simple, it takes only a few minutes.
- We welcome our new sponsor: Evosep
- EuPA provides Travel Grants for 10 students or ECRs from across Europe to participate on the EuPA 2025 Conference in Saint-Malo. The name of the winners is announced on the EuPA website. Congratulations and see you in Saint-Malo!
- EuPA will sign the Milan Declaration (<https://www.febs.org/milan-declaration-science/#about-petition>)

VOICES OF THE EUPA 2024 TRAVEL GRANT AWARDEES: PERSONAL REFLECTIONS AND WRITINGS

Jens Settelmeier

ETH Zurich - Institute of Translational Medicine at the Department of Health Sciences and Technology

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Title: Leveraging Machine Learning for Biomarker Discovery in Multi-Omics and Mass Spectrometry Data

My research at ETH Zurich, under the guidance of Prof. Dr. Bernd Wollscheid (wollscheidlab.org), has introduced innovative computational tools designed to enhance the interpretation of complex mass spectrometry based proteomics data within the field of systems biology. Central to my research is the development of "preDIator", a machine learning tool that enables the analysis of unidentified features from MS1 mass spectrometry signal, which are often overlooked in traditional analyses - e.g. peptidoforms corresponding to SNPs, PTMs or isoforms.

Additionally, the development of "MultiOmicsAgent", another machine learning-based tool, addresses the growing complexity of multi-omics datasets where we have to deal with tens of thousands of features for small cohort sizes of a few hundred samples. "MOAgent" facilitates more effective identification and analysis of potential biomarkers for these studies across not only proteomics but also transcriptomics and metabolomics, underscoring the multi-modal approach of modern systems biology.

The two machine learning tools developed are designed to be accessible, promoting a broader adoption and application in various omics fields, to hopefully pave the way for future innovations in the study of biological systems and disease mechanisms.

I recently completed my PhD and am thankful for the travel grant provided by the European Proteomics Association (EuPA), which allowed me to attend the HUPO 2024 conference. There, I had the opportunity to meet many of the experts whose papers I have been reading over the past three and a half years. This networking experience enabled me to exchange and discuss ideas, and it has inspired my search for postdoctoral opportunities in 2025.

Julia Boshart

ETH Zurich, Zurich, Switzerland; wollscheidlab.org

✉ julia.boshart@hest.ethz.ch

I had the great opportunity to present my research, conducted during my PhD at ETH Zurich in Prof. Bernd Wollscheid's group, during the Session "Organization of the Proteome" of the HUPO Dresden 2024. Attending HUPO was made possible by the European Proteomics Association (EuPA) by whom I was awarded a travel grant. My project aims to deconvolute the surfaceome organization using a proximity labeling technology called LUX-MS.

Since the cell surface receptor interaction network is complex and dynamic, forming a highly organized surfaceome architecture is essential for cellular functionality. Exploring the lateral proximity network of cell surface residing proteins facilitates understanding the surfaceome architecture, allowing manipulation by utilizing bivalent therapeutics, such as bispecific antibodies. Targeting cells based on specific combinations of proteins on their surface holds excellent potential in selecting disease-driving sub-populations. We set out to identify novel target combinations for such therapies by elucidating the surfaceome architecture of B cells. To probe the spatial surfaceome, we utilized the in-house developed technology LUX-MS. Targeting 100 different cell surface proteins, and their proximity networks facilitates the establishment of a global view of the B cell surfaceome architecture through reciprocal network walking. Having established initial architectural insight into the B cell surfaceome landscape, we could selectively distinguish CD45 proteoform-specific proximity networks and reconstruct known interaction partners like the B cell marker IgM and its CD79b co-receptor. Based on that we are establishing a model for the B cell surfaceome architecture which offers an opportunity to expand the toolbox for improved targeted immunotherapy by revealing drug candidate pairs.

Presenting my work during the HUPO Dresden congress was an excellent opportunity to reconnect with old colleagues and scientists from different parts of the world and fields of expertise and engage in fruitful discussions. It was truly amazing to see the interest in the field of organizational proteomics and surfaceomics and to be able to exchange experiences, ideas, and visions in this context. It stimulated me to think differently about my project and gain new perspectives. It also allowed me to build my network in the context of future job opportunities. This would have not been possible without being granted the EuPA travel grant and I am thankful for having been given this year's award.

UPCOMING EVENTS

Last call for the 2025 EuPA Awards applications!

Time is running out! The deadline for the **2025 EuPA Awards** is fast approaching, and this is your final chance to apply. If you or someone you know has made outstanding contributions to proteomics in 2024, don't miss this opportunity to be recognized!

EuPA BEST DOCTORAL THESIS AWARD:

<https://forms.gle/UW6ck2HZagM5GiYw7>

EuPA BIOINFORMATICS FOR MASS SPECTROMETRY AWARD:

<https://forms.gle/LXcmhUQxoB7x7SXJ8>

EuPA VISION AND COMMITMENT AWARD:

<https://forms.gle/qvTbYethoeXE3vcw6>

EuPA BREAKTHROUGH IN PROTEOMICS AWARD:

<https://forms.gle/hMcrX32aGa8vEyKD6>

EuPA TECHNOLOGY AWARD:

<https://forms.gle/RcN4HvPdk5TcF4Vs5>

EuPA SCIENCE OUTREACH AWARD:

<https://forms.gle/p3MQzZvjaMFcchtC8>

More information on each award can be found on the EuPA website.

Extended deadline: **28 March 2025 – 12pm CET.**



YPIC Annual Proteomics Gathering, March 20th, 2025, Athens, Greece

We are thrilled to announce that the **YPIC Annual Proteomics Gathering** is coming back for its 2nd edition on **March 20, 2025** at the Biomedical Research Foundation Academy of Athens (BRFAA) in Greece! It is a **free event** made possible by our kind sponsors (EuPA, MSWIL, Evosep and IonOpticks), where the YPIC team connects to the local proteomics community to network, share and discuss cutting-edge proteomics research.

We are giving the opportunity to Greek early career researchers (latest degree obtained less than 7 years ago and part of EuPA through their Hellenic proteomics society membership) to present their research at this gathering! If you fill those criteria, **submit your abstract** (maximum 250 words) to ypic@eupa.org **by January 15, 2025**, to have a chance to present your research in this exciting day of presentations, discussions, and networking in an international setting.

Please share this with your colleagues and fellow researchers, and do not hesitate to join us on March 20 even if you work outside of Greece as it is a great opportunity to talk science and meet the international YPIC team and the local Greek proteomics community.

March 20 Free Event
Come, Share and Discuss your Proteomics Research

2025 YPIC Annual Proteomics Gathering
Biomedical Research Foundation Academy Of Athens

Abstract Submission now open!

Are you an early career researcher (latest degree <7 years ago) or student studying in Greece?

Do you want to showcase your proteomics research at our upcoming event in Athens?

Submit a max. 250-word abstract to ypic@eupa.org by the 15th of January and be part of an exciting day of presentations, discussions, and networking in an international environment at BRFAA in Athens!

[Eupa.org/ypic/](https://eupa.org/ypic/) [/groups/12004091/](https://www.linkedin.com/groups/12004091/)
[/EU_YPIC](https://twitter.com/EU_YPIC) [/EuYPIC](https://www.facebook.com/EuYPIC) [/eu_ypic](https://www.instagram.com/eu_ypic)

Sponsored by:

EuPA EUROPEAN PROTEOMICS ASSOCIATION
EVOSEP
ionopticks
MSWIL Making Science Work

European Early Career Researchers in Proteomics, March 26th, 2025, Online Event

Join the EuPA 2025 ECR event on the 26th of March and take part in a variety of workshops, attend the inspiring talks from the EuPA awardees, and check out the winning videos of the science slam competition!

Registration is free but mandatory: <https://forms.gle/uFLrPPhwriXvL7Hx7>

One of the workshops will be given by Deepti Kundu:



"Enhancing the reusability of public proteomics data through strengthened metadata standards, aligned with FAIR principles"

EuPA EUROPEAN PROTEOMICS ASSOCIATION

European Early Career Researchers in Proteomics

Online Event – 26th March 2025, 3-5 PM CET

Meet EuPA's 2023 ECR and bioinformatics awardees


- 
Sigrid Verhst
EuPA Best PhD Award
- 
Maurine Fucito
EuPA Vision and Commitment Award
- 
Laurent Gatto
EuPA Bioinformatics Award


Participate in the third edition of the European Proteomics Science Slam


- ❖ Upload a 3-minute video that explains your work in easy words to a broad audience, feel free to make it original <https://forms.gle/z1pNeS65iggR5rCw9> (deadline **28th February 2025**):
- ❖ All videos will be featured in gather.town
- ❖ Top six videos will be broadcasted globally during the event
- ❖ Webinar participants will select the three best videos
- ❖ Winners will receive a travel grant to attend an EuPA event in 2025 or 2026 (1st prize: 1000€; 2nd prize: 800€; 3rd prize: 500€; EvoSep prize: 500€ (all grants are based on reimbursement up to the listed value))

Take part in a variety of workshops
Join us for workshops covering a variety of topics related to scientific life!

Network with peers, presenters, company representatives, YPIC and EuBIC in Proteopolis

 ECR day registration





 Science Slam registration

Registration is free but mandatory: [ECR Day Registration \(https://forms.gle/uFLrPPhwriXvL7Hx7\)](https://forms.gle/uFLrPPhwriXvL7Hx7)

X-omics Festival 2025, April 14th, 2025, Nijmegen, Netherlands

We're thrilled to invite you to the 7th edition of the X-omics festival, themed "The Future of Multi-Omics Research is Now!" Join us in Nijmegen, the Netherlands, on Monday, April 14, 2025.

- Keynotes – Learn from top experts in multi-omics.
- Innovative Sessions – Explore cutting-edge technologies and data analysis.
- Interactive Discussions – Engage in dynamic conversations.
- Networking – Connect with the multi-omics community.

Call for Posters

Showcase your research! Submit your poster abstract by March 21, 2025, for a chance to present and compete for the Best Poster Award. Selected presenters can even pitch their posters in a plenary session!

Registration: <https://metabolomicssociety.org/event/x-omics-festival-4/>

X-omics festival 2025

Monday April 14th 2025
In person @ Nijmegen (NL)

08.30-09.00	Registration
09.00-09.10	Alain van Gool (Radboudumc): Welcome and introduction
09.10-10.00	Keynote speaker: Connie Jimenez (AUMC): "A multi-omics precision oncology toolbox"
10.00-10.30	Poster pitches
10.30-11.00	Coffee break (with poster sessions)
	Innovations and applications of multi-omics technologies
11.00-11.20	Richard Cardoso Da Silva (UU): "Multi-omics in chromatin regulation"
11.20-11.30	Sponsor pitch – Lunaphore
11.30-11.50	Guinevere Lageveen-Kammeijer (RUG): "Multi-omics in single cells"
11.50-12.00	Sponsor pitch – Alamar Biosciences
12.00-12.20	Rik Lindeboom (NKI): "Multi-omics in immune-oncology interactions"
12.20-12.30	Sponsor pitch – Beckman Coulter
12.30-13.30	Lunch (with poster sessions)
13.30-14:15	Interactive session "Dreams, challenges and solutions" with Marian Beekman (LUMC)
14.15-15.00	Keynote speaker: Geert Litjens (Radboudumc): "Potential of multimodal AI"
15.00-15.30	Coffee break (with poster sessions)
	Data integration and analysis methods in multi-omics research
15.30-15.50	Purva Kulkarni (Radboudumc): "Multi-omics in rare metabolic diseases"
15.50-16.00	Sponsor pitch – Illumina
16.00-16.20	Fatih Bogaards (LUMC/WUR): "Multi-tissue omics and lifestyle"
16.20-16.30	Sponsor pitch – Bruker
16.30-16.50	Ilya Arts (Maastricht University): "Data modeling in systems medicine"
16.50-17.00	Sponsor pitch – Olink
17.00-17.15	Alain van Gool (Radboudumc): Closure
17.15-17.45	Drinks

Contact
info@x-omics.nl
www.x-omics.nl



EVOSEP WEBINAR: Advancing Immuno-peptidomics with Sensitivity, Robustness and High-Throughput, April 24th, 2025, Online Event

EVOSEP WEBINAR

Advancing Immuno-peptidomics with Sensitivity, Robustness and High-Throughput

April 24th 2025

4:00 pm CET / 10:00 am EDT / 7:00 am PDT

Speakers

Julian Beyrle, *PhD student, HI-TRON Mainz, DKFZ
German Cancer Research Center*

Bob Seward, *Principal Scientist, Pfizer*



Scan QR code to register

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>



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

Registration: <http://proteomics.ttk.hu/19ceepc/registration/>



19th Central and Eastern European Proteomic Conference

14th-17th October 2025;
1117 Budapest, Hungary



Invited speakers:

Isabelle Fournier (FR)	Stephen R. Pennington (IE)
Connie Jimenez (NL)	Laszlo Prokai (US)
György Markó-Varga (SE)	Roman Zubarev (SE)
Péter Nagy (HU)	Piotr Widłak (PL)

NO registration fee for scientists!

[Click here for more information!](#)

Deadline for the registration is 1st June, 2025

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>



24th Human Proteome Organization World Congress

HUPO

ONE HEALTH POWERED BY PROTEOMICS

2025 | TORONTO
NOV 9-13 | CANADA
2025.hupo.org