

PAST SCIENTIFIC EVENTS

ProteCURE ANNUAL MEETING 2024:

The 3rd PROTEOCURE Annual Meeting. Warsaw, Poland. 7-10, May 2024.



The COST action ProteoCure aims at gathering European research teams and companies sharing the objective to develop new approaches and strategies to selectively manipulate protein fate for therapeutic or biotechnological purposes. This annual conference objective was to unite individuals from academia, clinical sector, and industry, covering various fields of proteostasis, extending from biological sciences, which involve protein modification and turnover to diseases and molecular chemistry. With this meeting we expect to increase collaborations and scientific exchanges. This meeting was a scientific success and good interactions were created during the and after the oral and poster presentations. Congratulations to Enrica Barchi, Shadi Setayeshi and Somayah Shahmoradi Ghahe winners of the poster presentations and to Francesca d'Amico and Laura Merino Cacho for the best short talks.



We sincerely thank the organizing committee for their tremendous effort.

Organizing Committee: Oliver Coux (ProteoCure Chair), Rosa Farras (ProteoCure Vice-Chair), Christine Blattner, Efthimios Skoulakis, Justyna McIntyre (Local Organizer), Ulrike Topf (Local Organizer), Laetitia Poidevin (ProteoCure Project Manager).

Ligating the Ubiquitin Family: Physiology, Disease, and Future Directions. Bilbao, Jun 24-25, 2024.

This event was organized by the SEBBM in collaboration with the Fundación Carmen y Severo Ochoa and co-organized by the COST Action ProteoCure. This successful meeting included outstanding presentations including invited speakers such as Ivan Dikic (GUF), Cristina Mayor-Ruiz (IRB Barcelona) and Tim Clausen (IMP). Congratulations to the organizers for this successful scientific event.



FUTURE SCIENTIFIC EVENTS

6th Conference on plant proteases. Stuttgart, September 3-5 2024.

<https://plant-proteases-2024.uni-hohenheim.de/>



The conference co-organized by ProteoCURE includes presentations from leading experts and newcomers to the field. It aims to promote scientific exchanges highlighting recent advances and inspire the next generation of plant scientist. Our invited speakers includes Simon Stael, Saskia Hogenhout, Nuria Sanchez-Coll, Renier van der Hoorn, Ralf Reski,, Steven Spoel, Marina klemencic and Zach Adam, among others. **Standard registration rate until August 31. Limited funds are available to reimburse travel expenses for students and postdocs (students will be served first)**

ProteoCURE Training School: Basics and perspectives of mass spectrometry proteomics. Freiburg, 16-20 of September 2024.

In memorium of Prof. Dr. Ulrich auf dem Keller 1974-2023

<https://www.uniklinik-freiburg.de/departament-pathologie/gemeinsame-bereiche/lehre/imbs-1.html>



Organisers: Oliver Schilling, Oded Kleifeld and Gunnar Dittmar.

This will be a hands-on training school. Mass spectrometry-based proteomics is widely used in many PROTEOCURE research projects. Despite its common usage, many students may find themselves limited by a surface-level understanding of this methodology. Our training class is meticulously designed to bridge this knowledge gap, ensuring participants not only grasp the fundamental concepts but are also abreast with the latest advancements in the domain. With the deluge of data these experiments generate, mastering the subtleties of data interpretation, and understanding the underpinnings of biostatistics is paramount. We aim to make this process intuitive and comprehensive.

Registrations are now closed

PAST, ONGOING AND FUTURE STSM



Rachel Havret from La Rochelle Universite, France to Facultat de Farmàcia i Ciències De l'Alimentació, Barcelona, Spain (May 01 – Jul 31, 2024).

Bojan Ilic from Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia to University of Fribourg, Switzerland (May 5 – Jul 5, 2024).

Sofia Ferreira from Lusófona University - University Centre of Lisbon, Portugal to Utrecht University, Netherlands (May 13 to Jul 12, 2024).

Jitka Vaculíková from The National Centre for Biomolecular Research, Brno, Czech Republic to Max Perutz Labs, Vienna, Austria (May 31 to Jun 28, 2024).

Javier Anton from the Valencia Biomedical Research Fundation, Spain, to the NOVA Medical School, Lisboa, Proteugal (Jun 15 – Jul 15, 2024).

Mostafa Ejtehadifar from Nova Medical School Lisboa, Portugal to Laboratoire de Chimie de Coordination (LCC-CNRS), France (Jun 28 to Jul 27, 2024).

Somayeh Shahmoradi Ghahe from Institute of Biochemistry and Biophysics, Warsaw, Poland to Department of Biochemistry and Developmental Biology, Faculty of Medicine, University of Helsinki, Finland, Aug 08 -28.

Suheda DURAN from Koç University, Istanbul, Türkiye to Fribourg University, Switzerland, from Aug 25 to Oct10.

Paula Doria Borrell from Centro de Investigación Príncipe Felipe, Valencia, Spain to Medical University of Vienna, Austria from Aug 26 to Oct 11.

Florence Boon from Duve Institute Aisbl, Bruxelles, Belgium to University of Oxford, UK, Sept 01- 30.

ANNOUNCEMENTS-CALLS

PROTEOCURE SUMMER 2024 CALLS



ProteoCure opens applications to get support for STSMs, ITC conferences, dissemination conferences, organisation of meetings and organisation of training schools.

ALL CALLS ARE OPEN UNTIL 9 SEPTEMBER 2024

You can find in the following link the detailed description of each call and the applications forms :

<https://proteocure.eu/summer-2024-calls/>

PUBLISH RELEVANT INFORMATION IN OUR WEB PAGE OR NEWSLETTER IS EASY.

Send us an email to: dissemination@proteocure.eu

INTERVIEWS WITH OTHER SCIENTIST LEADING COST ACTIONS

Dear colleagues, with the intention to get closer to other COST actions and promote collaborations between our members we have contacted some of their representatives to know how can we work together. The first COST action we contacted is COZYME: <https://www.cost.eu/actions/CA21162/> and <https://cozyme.eu/>



Q1. What are your major goals and activities?

The COZYME COST Action was initiated because of a strongly felt need for such an instrument, which would be able to support training and sharing of knowledge in the area of computational enzyme engineering. Since the last few years the capabilities and breadth of computational tools that can be used for design or redesign of enzymes has grown astoundingly. To fully exploit the possibilities of these new tools, it is imperative that (young) researchers can access and learn these new approaches. With COZYME we aim at lowering the barrier for learning new tools, to exchange knowledge, and to promote collaborations. Except for a strong focus on the computational tools, we keep an eye on integrating the computational efforts with the experimental methodology to validate and exploit computational enzyme engineering.

Q2. Tell us about success stories from your COST

Since the start of COZYME, we have attracted many researchers and research groups/entities. This can be seen from the large number of working group members (>200 WG members), and which is continuously growing. All signs are there confirming that there is a need for our COST Action. This is only logical as the field of computational enzyme engineering is really booming.

Q3. How could you envision some possible interactions with Proteocure?

The COZYME Action focuses on enzymes, which makes a connection with the ProteoCURE Action, centring around proteases. Though engineering of proteases may not be very relevant for your Action, it may be valuable to share knowledge on mechanistic and or structural understanding of proteases.

Action Chair: Prof. Dr. Marco Fraaije. University of Groningen, Netherlands

Action Vice-Chair: Prof. Dr. Andrea Mattevi. University of Pavia, Italy

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