



The end of a cycle also represents the beginning of a new one, with plenty of new opportunities...

FIRST YEAR ACHIEVEMENTS

MEETINGS:

- 1 ProteoCURE annual meeting
- 4 Co-organized meetings
- 18 Travelling support to attend meetings
- 4 ITC conference grants
- 4 Dissemination conference grants

TRAINING

- 1 Training school
- 4 Short Term Scientific Missions

COMMUNICATION AND DISSEMINATION

- ProteoCURE web page
- Forum for discussions implemented
- Job offer postings
- ProteoCURE Newsletter
- ProteoCURE Tweeter account
- ProteoCURE linkedIn account
- ProteoCURE YouTube account

PROTEOCURE ACHIEVEMENTS

One year after...

by the ProteoCURE dissemination committee

ProteoCure COST Action officially started one year ago as an open invitation to our scientific community to participate in a collaborative platform aiming at increasing scientific interactions in the field of proteostasis, with the specific focus of using targeted protein degradation as a therapeutic approach to cure multiple diseases.

The Action has now been joined by more than 280 teams from 29 European countries (mostly biologists and chemists), coming from the academic, clinical, and industry sectors. The academic group is by far the most represented within the Action, and it will be important in the coming years to integrate new participants from the two other sectors to foster translational approaches.

During this first year, ProteoCure managed to organize/participate in the organization of international scientific events that were great opportunities to share scientific progress and to exchange ideas. Also important was the possibility offered to young investigators to complete part of their training through ProteoCure short-term scientific missions (STSM). These exchanges are often crucial for the transfer of expertise and technology between collaborating laboratories.

Although major achievements were obtained this year (listed in this issue), the challenges for the next period 2022-2023 are multiple. As mentioned above, we need to integrate more clinicians and industrials in our collaborative exchanges; we also need to reach out to the general public, particularly patient associations, to increase awareness on the potential of our scientific approaches; more importantly for this second year, we need to foster collaborations within our Action, in particular by developing within WG1 subgroups dedicated to a specific pathology or molecular pathway.

Reaching our various ambitious objectives requires the active participation of all. We can only encourage you to use our already available tools, particularly the web site (www.proteocure.eu), its member list and its newly created forum, to contact other members and initiate new collaborations. Do not hesitate to contact us to ask any advice, share your ideas, your successes (publications), lead new initiatives, or if you have any suggestions to ameliorate our network.

ABOUT OUR COMING SCIENTIFIC EVENTS

ProteCURE ANNUAL MEETING 2023: FIRST ANNOUNCEMENT

Zagreb, Croatia. 12-15/06/2023

SAVE THE DATE



<https://www.hotel-dubrovnik.hr/>

Our second annual meeting will take place in the Hotel Dubrovnik of Zagreb. This meeting is expected to be an excellent opportunity to consolidate interactions and create new ones between different working group members. A management committee meeting will be organized before the scientific meeting. Our scientific meeting will include multiple topic-oriented sessions and as many short talks as possible. Our scientific program will be posted in our web page as soon as possible. <https://proteocure.eu/>

WHAT IS NEXT?

In addition to our annual meeting, for the second year we expect to increase the number of initiatives to foster the collaborations between members, including:

STSM: to favor the training of young investigators and increase the exchanges between laboratories.

Training Schools: We will also organize training schools based in the requirements highlighted by our members.

Co-organize meetings: We aim to co-organize several meetings together with other scientific organizations.

Communication and dissemination activities: Several ongoing initiatives will continue to be encouraged including the presentation of groups/collaborations under the format of videos.



Although some of these calls will be announced in the near future in our web page, you can already explore possibilities with your partners. **For administrative purposes our calls remain open for a limited time. It is therefore important to be ready to apply as soon as the calls are open.**

FUTURE CO-ORGANISED MEETINGS



The 20S Proteasome degradation pathway.

Weizmann Institute of Science, Rehovot. 8-12/01/2023. Unlike the extensive knowledge acquired over the years concerning degradation by the 26S proteasome, relatively little is known about the means by which 20S-mediated proteolysis is controlled. In this workshop topics related to the current understanding of the regulatory mechanisms that coordinate 20S proteasome-mediated degradation will be presented and the gaps in knowledge that remain to be bridged, highlighted.

<https://www.weizmann.ac.il/conferences/20S2021/home>



Founded by the European Union

PAST CO-ORGANISED MEETINGS



International Conference on Plant Proteostasis

Centro Nacional de Biotecnología. Madrid, Spain.

21-23/09/ 2022.

The Conference on Plant Proteostasis 2022 was an excellent forum for the scientific community working on the various pathways contributing to cellular proteostasis and is part of an ongoing effort to reinforce the development of the community in this important and relatively young scientific area. <http://plantproteostasis.com>

EMBO Workshop “Ubiquitin and ubiquitin-like proteins in health and disease”

co-organized by ProteoCure

Cavtat, Croatia. 9-13/09/2022

Thanks to our colleague Simona Polo, organization of this event has offered the opportunity to bring together leading and young scientists from different fields, from basic science to clinical activities. This workshop is the only one in Europe that brings together scientists studying Ub and Ubl networks in widely varying model systems and organisms. The workshop focus matched perfectly with the objectives of the Proteocure COST action.



<https://meetings.embo.org/event/22-ubiquitin>

XI-ZOMES meeting. Determining cell physiology by setting the course in protein turnover

co-organized by ProteoCure

Magdeburg, Germany. 31/08-3/09

Three major protein complexes, the 19S proteasome, the COP9 signalosome, and the translation initiation factor eIF3 – summarized as “ZOMES” control protein function, turnover and translation. Their dysregulation/defects could lead to multiple human diseases. A total of 81 participants including 10 PhD-students from 13 different countries attended the XI-ZOMES conference. One fourth of the participants are considered as “young researchers”. 72 participants in the XI-ZOMES conference were from Europe. 18 participants are members of the ProteoCure COST Action.



<https://xi-zomes.med.ovgu.de>

OTHER COMING SCIENTIFIC EVENTS

Ubiquitin and friends symposium. Vienna, Austria. 27-28/04/2023. <https://www.protein-degradation.org/symposium/>

Drug discovery and chemistry. Protein degraders and molecular glues. San Diego, CA, USA. 12-13/04/2023 Virtual meeting <https://www.drugdiscoverychemistry.com/protein-degradation-molecular-glues>

Ubiquitins, Autophagy & Disease. CSH meeting 25–29/04/ 2023, NY, USA

<https://meetings.cshl.edu/meetings.aspx?meet=UBIQ&year=19>

General meeting of the International proteolysis society. Singapore. 24-29/06/2023. <https://www.dbs.nus.edu.sg/ips2023/>



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