



European Plant Science Organisation
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News item

12th EPSO Plant Science Seminar

Brussels, 4.4.2022

We would like to announce the twelfth of our European-wide seminar series by the European Plant Science Organisation (EPSO) and aimed at the Plant Science community and its stakeholders. In our second year, we continue to provide a stimulating set of seminars once a month on a hot and/or emerging topic in plant science, giving the floor to both eminent world leaders and talented up-and-coming early career researchers.

TTT: The seminar will be held online each third Thursday of the month at three (CET).

On **21st April 2022** at 15:00 (CET) we will present three talks exploring **Plants' role in Nutritional Security**.



Dr Angelo Santino, Institute of Sciences of Food Production, CNR, Lecce, Italy

“Novel technologies to improve the nutritional value of tomato”

Angelo is senior scientist and Research Team Leader at the Institute of Sciences of Food Production, CNR and co-chair of the Nutritional Security working group of EPSO. Angelo's research activities have been mainly focused on the improvement of nutritional quality of tomato, metabolic engineering of phenylpropanoid pathway and the evaluation of nutritional benefits of high polyphenols enriched tomato lines on acute and chronic inflammatory bowel disease and dysbiosis using in vitro/in vivo models and most recently clinical trials. He has more than 110 peer-reviewed publications and some book chapters.



Prof Monika Schreiner, Department Plant Quality & Food Security, Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Grossbeeren, Germany

“Alternative food sources for a nutritious and sustainable diet”

Monika is senior scientist at the Leibniz Institute of Vegetable and Ornamental Crops, coordinator of the joint project »food4future«, and co-chair of the Nutritional Security working group of EPSO. Monika's research is assigned to functional investigations of secondary metabolites in selected vegetable species. By optimizing the concentration and composition of secondary plant metabolites plant-based health-promoting food is established to improve food quality and food availability, thus overcoming malnutrition. Additionally in the project »food4future«, she investigates with co-researchers alternative food sources – halophytes, macroalgae, jellyfish and crickets – for developing sustainable and crisis resilient agri-food systems.



Assoc Prof Katia Petroni, Department of Biosciences, University of Milan, Italy

“Health-promoting effects of anthocyanin-enriched diets against chronic diseases”

Katia is Associate Professor of Genetics at the Department of Biosciences at University of Milan, Italy. She has a long experience in nutrigenomics and plant secondary metabolism. Katia’s research activity has been mainly focused on the regulation of anthocyanin biosynthesis as well as the determination of the protective role of flavonoids in health by developing and using anthocyanin-rich model foods in cellular and animal models of chronic diseases. More recently, she contributed to intervention studies aimed to determine the protective effect of such compounds on human health.

The seminars will be hosted on Zoom and last approximately 1.5 hours. Numbers will be limited to 300 attendees and therefore please register early if you would like to join. There will be ample opportunities to ask questions and join the debate. So please join us to support this initiative for European Plant Science by following this link just prior to the start of the seminar.

EPSO Members register in advance for this meeting:

[https://zoom.us/meeting/register/tJlId-CvrzwpGNXCwPyNyFamnlqkZvbT1AO-](https://zoom.us/join/zoom/register/tJlId-CvrzwpGNXCwPyNyFamnlqkZvbT1AO-)

After registering, you will receive a confirmation email containing information about joining the meeting.

In the coming months we will be on the lookout for talented plant scientists among the EPSO membership to present their findings and perspectives to the EPSO seminar series. If we approach you to talk, we hope you will be happy to support the initiative. This is a fantastic opportunity for **senior as well as early career researchers** to present their research to an international audience and to network with potential collaborators. If you wish to **suggest a theme for one of the autumn seminars and / or nominate** yourself or one of your colleagues to give a seminar, we most welcome your suggestions. Please contact Tim George (tim.george@hutton.ac.uk) to provide your name and potential talk title.

We look forward to seeing you all for the next EPSO seminar on the 21st April 2022

Tim George, Alan Schulman and Marie-Theres Hauser
EPSO Plant Science Seminar Series Organising Committee

Contacts

Tim George, Hutton / UK & EPSO Board, tim.george@hutton.ac.uk

Alan Schulman, LUKE / FI & EPSO President, alan.schulman@helsinki.fi

Marie-Theres Hauser BOKU / AUT & EPSO Board, marie-theres.hauser@boku.ac.at

Useful links

EPSO breaking news: <https://epsoweb.org>

EPSO member institutes and universities: <https://epsoweb.org/about-epsoweb/epsoweb-members/>

EPSO representatives: <https://epsoweb.org/about-epsoweb/epsoweb-representatives/>

About EPSO

EPSO, the European Plant Science Organisation, is an independent academic organisation that represents more than 200 research institutes, departments and universities from 32 countries, mainly from Europe, and 2.700 individuals Personal Members, representing over 26 000 people working in plant science. EPSO’s mission is to improve the impact and visibility of plant science in Europe, to provide authoritative source of independent information on plant science including science advice to policy, and to promote training of plant scientists to meet the 21st century challenges in breeding, agriculture, horticulture, forestry, plant ecology and sectors related to plant science. <https://epsoweb.org> | EU Transparency Register Number 38511867304-09