



European Plant Science Organisation
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Workshop Draft Programme

EPSO Workshop Implementing a Plants and Microbiomes Strategy in Europe

Brussels, 10.3.2022

The EPSO Working Group on Plants and Microbiomes has the pleasure to announce its fourth workshop to take place online on 8 April 2022, 10:00 – 16:15, as a virtual workshop via Zoom.

This fourth workshop has two aims. First, we will hear highlights from (multi-)national plants and microbiomes research and innovation from our Working Group members. Second, we will discuss in more detail two themes which need further elaboration by the Working Group: 'Research infrastructure', including common repository for culture collections, EU phenotyping platforms, and metabolomics; and 'Databases' for microbiome data - and provide advice to Horizon Europe and (multi-)national research strategies.

The meeting intends to increase collaborations between the working group members, particularly regarding research infrastructure and databases.

Recommendations from the workshop will be provided to the scientific community, the European Commission and national agencies.

We kindly ask you to register for your participation by e-mail to Corné C.M.J.Pieterse@uu.nl by 15 March 2022.

Registered participants will receive the final programme and the zoom link on 29th March.

We look forward to e-meeting you in April!

Angela Sessitsch, Paul Schulze-Lefert, Corné Pieterse and Karin Metzloff

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EPSO, the European Plant Science Organisation, is an independent academic organisation that represents around 200 research institutes, departments and universities from 32 countries, mainly from Europe. EPSO's mission is to improve the impact and visibility of plant science in Europe. <https://epsoweb.org> | EU Transparency Register Number 38511867304-09

Workshop Programme

Friday 8 April 2022 (10:00 – 16:15)

- **Welcome** Corné Pieterse and Karin Metzloff (10:00 – 10:15)
 - WG accomplishments so far (e.g. ongoing EU calls and granted initiatives).
- **T1: Highlights from (multi)national plants and microbiomes initiatives (10:15 – 12:15)** moderated by Paul Schulze-Lefert
Main R&I initiatives in DE, DK, NL, CH and EU (10' each + 10' joint discussion).
 - DE - Alga Zuccaro
 - DK - Mette Haubjerg Nicolaisen
 - NL - Harro Bouwmeester (t.b.c.)
 - CH - Ian Sanders (NCCR Microbiomes)
 - EU - Angela Sessitsch

Lunch Break (12:15 – 12:45)

- **T2: European research infrastructure for plant microbiome research (12:45 – 14:30)** moderated by Angela Sessitsch
Introductions (10' each; 5' joint discussion) 12:45 – 13:30
 - Common repository for culture collections - Ruben Garrido-Oter
 - EU phenotyping platforms - Robert Koller
 - Swiss plant phenotyping platform - Klaus Schlaeppli
 - Metabolomics - Harro Bouwmeester (t.b.c.)2-3 breakout sessions, each discussing all three topics above 13:30 – 14:00

Coffee break (14:00 – 14:15)

Reporting / discussion on next steps in plenary 14:15 – 14:45

- **T3 International initiatives on plant microbiome research (14:45 - 15:05)** moderated by Angela Sessitsch
 - Phytobiome Alliance - Kellye Eversole (15'+ 5' discussion)
- **T4 Open access databases integrating (plant)microbiome and meta-data (15:05 – 15:55)** moderated by Corné Pieterse
 - Plant-derived microbiome databases at JGI / US – Emiley Eloie-Fadrosh (15'+ 5' discussion)
 - Discussion on next steps (30' min)
- **Closure (15:55 -16:15)** by Corné Pieterse and Karin Metzloff
 - Agree next meeting to discuss progress / ideas regarding the other recommendations from the 2021 report as appropriate
 - Closure

Links

- <https://epsoweb.org>
- EPSO: [Report and recommendations from the third online Workshop 'Implementing a Plants and Microbiomes Strategy in Europe'](#), 1.9.2021
- EPSO Plants and Microbiomes Working Group: <https://epsoweb.org/working-groups/plants-and-microbiomes/>

Registered participants by 8.3.2022

Hanna-Leena Alakomi – VTT, FI
Raffaella Maria Balestrini – CNR, IT
Carmen Bianco – IBBR-CNR Naples, IT
Paola Bonfante – Univ Torino, IT
Giovanni Bubici - CNR, IT
Gabriel Castrillo – Univ. Nottingham, UK
Roberto Defez – IBBR-CNR Naples, IT
Emiley Eloë-Fadrosh – JGI, USA
Kellye Eversole – Phytobiome Alliance, USA
Tania Galindo Castaneda – ETH, CH
Kristina Gruden – NIB, SV
Jasper Koehorst – WUR, NL
Robert Koller – Julich, DE
Judith Lundberg-Felten – SLU, SE
Karin Metzlauff – EPSO
Mette Haubjerg Nicolaisen – Univ Copenhagen, DK
Christophe Mougél – INRAE, FR
Riitta Nissinen - Univ. of Jyväskylä, FI
Corné Pieterse – Utrecht Univ, NL
Anna Maria Pirttilä – Univ Oulu, FI
Marusa Pompe-Novak – NIB, SV
Simona RADUTOIU – Aarhus Univ, DK
Ian Sanders - Univ. Lausanne, CH
Soledad Sacristan – CBGP (UPM-INIA/CSIC), ES
Klaus Schlaeppli – Univ Basel, CH
Michael Schloter – Helmholtz Munich, DE
Paul Schulze-Lefert, MPIZ, DE
Angela Sessitsch – AIT, AT
Giannis Stringlis - Univ Utrecht, NL
Skaidre Suproniene – LAMMC, LT
Corinne Vacher – INRAE, FR
Leo van Overbeek -WUR, NL
Juan Ignacio Vilchez – ITQB, PT
Marc Viñas – IRTA-CAT, ES
Alga Zuccaro – Uni Cologne, DE