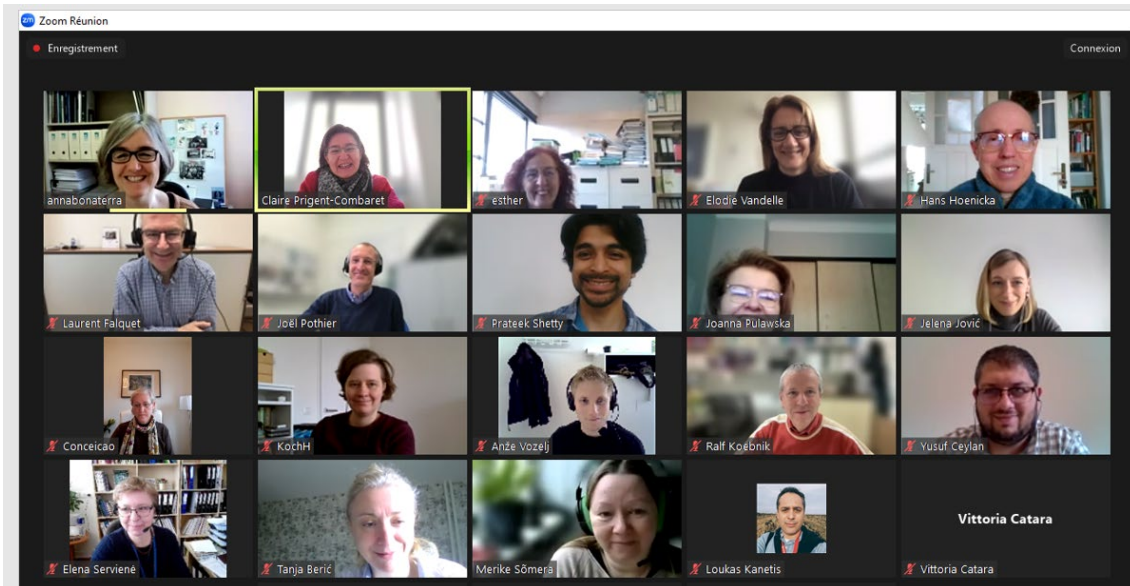


Minutes of the 1st WG4 online meeting-Cost Action MiCropBiomes

- **Organizers:** Anna Bonaterra and Claire Prigent-Combaret (WG4 Leaders)
Conceição Santos and Francesco Spinelli (Chair and Vice Chair of the Action)
- **Date:** 15/03/2024
- **Platform:** Zoom meeting
- **Meeting participants:** 27



General presentation of the action

- Main aim of the cost action and specific objectives aligned with the working plan.
- Organization into 4 technical Working Groups and 1 transversal Working Group.
- Challenges and milestones of the action.
- Activities: i) Organizing per year at least 1 Congress/Workshop, and 1 Training School; ii) promoting STSMs and supporting mobility to external congresses, etc; iii) Compile data concerning advances in concepts, glossaries, and models; iv) Release papers and a conclusion WG Report
- Website

Presentation of the WG4

- Main tasks (4.1, 4.2, 4.3 and 4.4) and activities
- Scheduled deliverables
- Participants: 95 members in WG4, the group has members of different expertise including microbiology, applied microbiology, crop production and protection, molecular biology and interactions, plant biology and botany... Concerning the inclusiveness policy the group is gender, age and geographically balanced.

Establish the subgroups and strategies

The participants were invited to answer a survey about their interest. The results of the survey were as follows:

People interested in:

- Challenges related to phytobiomes performance: 28%
- Terminology: 9%
- Applications and case study: 53%

Strategy to obtain the data base:

- select 1-4 models crops: 42%
- lists of PGPs/BCAs/other fags: 57%

Upcoming activities of the WG4

The participants were invited to collaborate in the following activities:

-1 current opinion paper on syncoms: 4 members of the WG4 offered their collaboration. Gordana Racic suggested to divide the paper into topics and distribute it among the collaborators. Joël Pothier suggested the Zotero platform to collect, organize, annotate, cite and share this work online.

-Training school: Laurent Falquet and Prateek Shetty offered their expertise in bioinformatics to collaborate in a training school on metagenomic analysis/comparative genomics to use as tools in the development of syncoms. To be carried out in the coming years (2025, 2026??).

-Submission of applications for STSMs and mobility to external congresses grants.

-Next on-line WG4 meetings:

10 May

10 July

Upcoming activities of the whole Microbiomes action

- 2024.03.21 09.00 CET: WG5 ONLINE MEETING
- 2024.03.22 09.00 CET: WG2 ONLINE MEETING
- 2024.08.26-29 Bologna (IT). Training course on “dysbiosis and microbiome functionality changes under (a)biotic stresses” (5 trainers, 5 trainees)
- 2024.09.11-13 Porto (PT). Scientific Meeting on Plant Microbiomes, MC Meeting and WG meetings (55 participants reimbursed)
- Before 2024.09.15 Short Term Scientific Missions (STSMs) grants (6-8 grants, 15.8 k€)
- Before 2024.09.15 Dissemination conference grant (oral presentation, 1 k€)
- Before 2024.09.30 Scientific publication in Open Access (3 k€, 3 countries)