



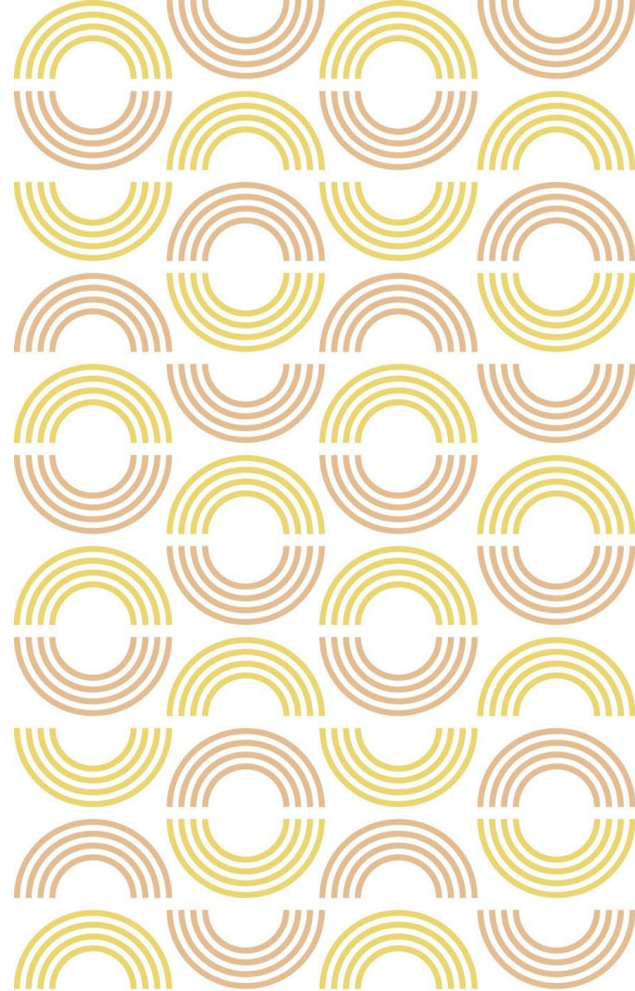
Horizon Europe Brokerage Event
Cluster 6 Calls 2024

Brussels , 26 September 2023

Microbiome -engineered microcapsules for the biocontrol of crop fungal disease

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and Arts Western Switzerland



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Topic(s) addressed :

- **Environmentally -friendly food production**
- **Clean environment and zero pollution**
- HORIZON-CL6-2024-FARM2FORK-01-5: Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home
- HORIZON-CL6-2024-FARM2FORK-02-1-two-stage: Increasing the availability and use of harmless inputs in organic farming

Other topics of interest:

- HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling outbreaks of plant pests
- HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments

Project idea

- Validation of a novel Biocontrol agent (BCA) for the targeted biocontrol of soil-borne fungal pathogens.
- Combined bacterial-fungal consortium encapsulated in an active state and synergistically acting against a target fungal pathogen.
- Easy-to-deliver formulation that is effectively protecting a target pathosystem, a crop species, and its associated soil-borne fungal pathogen).
- Application targeted at vegetable growers (cost versus benefits).
- Unine, HE-Arc, FiBL (Switzerland)

Main expertise offered / sought

- Unine: Microbial consortium creation and characterization
- HE-Arc: Microencapsulation
- Idea already validated through an Innosuisse funding
- Role as partner (CH cannot act as coordinator)
- Looking for partners willing to act as coordinator and active in the field of biocontrol agents (from formulation development to field testing)

Contact details

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- Alexandra Kaempfer-Homsey, Medical devices, University of Applied Sciences of Western Switzerland

Instructions (please delete this slide)

Please note:

- Presentations must be held in English;
- Presentations will last **NO MORE THAN 5 MINUTES**
- Do not overload your slides –provide links to additional material;
- Do not use videos and animations etc. as these may not be compatible with the IT system in the venue;
- The flash presentations will be made available as .pdf files on the event website after 26th September (unless you object);
- Please do not submit a flash presentation until your profile has been activated;
- Presentations should be submitted to nks-bio-umw@fz-juelich.de
- Submission deadline:
 - 20 August 2023 (if you intend to apply for a travel grant)
 - 5 September 2023