Webinar Series Introduction

6 July 2023

Gwyn Beattie
Phytobiomes Alliance Board Member
INTERNATIONAL ALLIANCE FOR PHYTOBIOMES RESEARCH

A nonprofit consortium of industry, academic, and governmental scientists
Phytobiomes Alliance Sponsors
Phytobiomes: Complex Systems of Plant-based Agriculture

- Plants
- Soil
- Climate
- Weather
- Water

Microbiomes and macroorganisms/macrofauna

Arthropods, other animals and plants

All influenced by management practices
Examples of Phytobiomes

- Crop Field
- Pasture
- Vegetable Garden
- Forest
- Vertical Farm
By 2050, all farmers have the ability to use predictive and prescriptive analytics based on geophysical and biological conditions for determining the best combination of crops, management practices, and inputs for a specific field in a given year.
Phytobiomes Alliance Workshops: 20 August

International Congress of Plant Pathology (ICPP) 2023, Lyon, France

- 8:00-12:30: “Harnessing Culture Collections for Improved Plant Health”
- 2:00-5:30: “Phytobiomes Research for Plant Health”

Register to the workshops at https://www.icpp2023.org/

Register to the mailing list to receive news about events organized by the Phytobiomes Alliance http://tiny.cc/ffw8rz
The webinar is recorded and will be posted on the Phytobiomes Alliance YouTube channel later today. Subscribe to the channel to never miss a new upload
https://www.youtube.com/c/PhytobiomesAlliance

The presentation section will be followed by a Q&A

Questions
Submit your questions in the Q&A panel

Chat
Monitor the chat panel to see messages from the organizers

Handouts
Download PDFs of the presentations in the handout panel
Selectively changing the microbiome of the rhizosphere

Presenter:
Karsten Zengler, Professor
Departments of Pediatrics and Bioengineering
University of California, San Diego, USA
Thank you for your participation

www.phytobiomesalliance.org

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