



Webinar Series Introduction

9 July 2020

Kellye Eversole
Executive Director



INTERNATIONAL ALLIANCE FOR PHYTOBIOMES RESEARCH

*A nonprofit consortium of industry,
academic, and governmental
scientists*



EversoleAssociates
Enabling Science & Technology

INRAE

novozymes®

VALENT BIOSCIENCES

biovante



Colorado State University



eurofins

BioDiagnostics

indigo™

IRD
Institut de Recherche
pour le Développement
FRANCE

JOYN
BIO

N

NewLeaf
symbiotics

NOBLE
RESEARCH
INSTITUTE
Science Serving Agriculture



PennState
College of Agricultural Sciences



PIVOT BIO



THE
FERTILIZER
INSTITUTE

WCMR
WATERLOO CENTRE FOR
MICROBIAL RESEARCH



Aphea.Bio
Applied Nature for Better Agriculture



Healthy Plants • Healthy World

BioConsortia

AIT

AUSTRIAN INSTITUTE
OF TECHNOLOGY



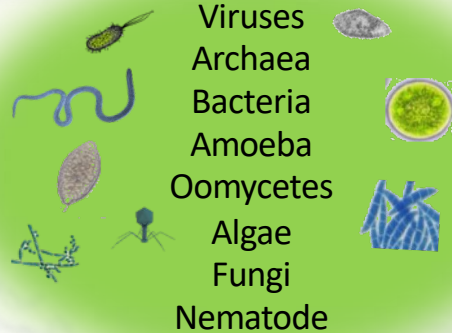
Karyosoft
Augmented Innovations

Phytobiomes: Complex Systems of Plant-based Agriculture



“Biomes”: Site specific environments

Climate,
Weather,
Water



**Microbiomes and
Macroorganisms/Macrofauna**

Plants



Soils

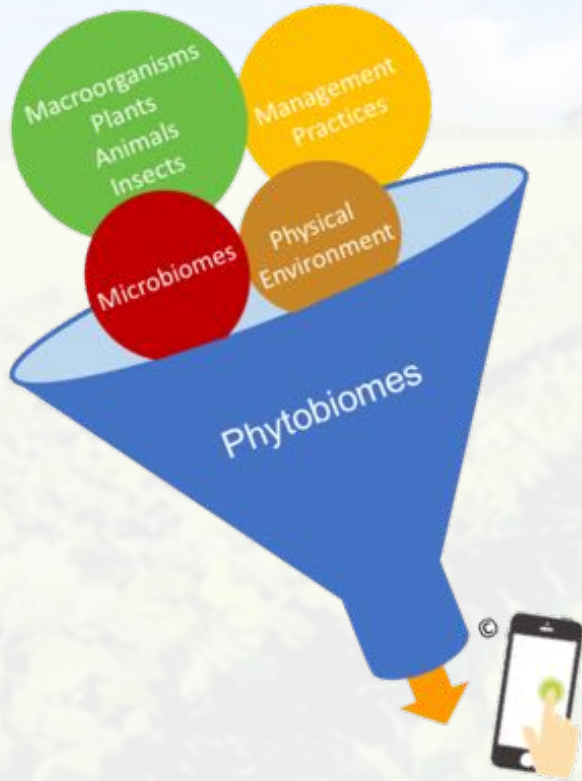


**Arthropods, Other
Animals and Plants**



All influenced by Management Practices

Phytobiomes Alliance Vision



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.



- Title: Ensuring food safety and security: Evaluating and utilizing plant/pest/pathogen phytochemical interactions
- Presenter: William Hay – USDA-ARS
- Registration: <https://register.gotowebinar.com/register/3103203752240562190>
- Time: 8am PDT, 11 am EDT, 5pm CET

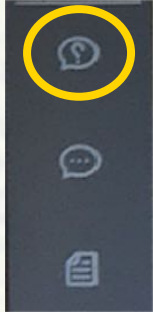
Register to the mailing list to receive news about events organized by the Phytobiomes Alliance <http://tiny.cc/ffw8rz>



Phytobiomes Alliance Webinar dashboard

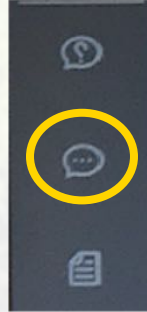
- The webinar is recorded and will be posted on the Phytobiomes Alliance YouTube channel in a few days <https://www.youtube.com/channel/UCuysQnTAMbSGq7rpiB9Yc8g>
- The presentation section will be followed by a Q&A

Questions



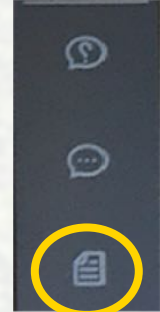
Submit your questions in the Q&A panel, do not use the chat

Chat



Use the chat panel to talk with fellow attendees or the organizers

Handouts



Download handouts from the presentations in the handout panel



Oregon State
University

- Genomic approaches to the epidemiology and diagnostics of phytopathogens: tracking the global spread of agrobacteria
- Presenter: Alexandra Weisberg, Postdoctoral Researcher
Department of Botany and Plant Pathology
Oregon State University, USA





Thank you for your participation

www.phytobiomesalliance.org



phytobiomes



@phytobiomes

A photograph of a field of green plants, likely a crop field, with rows of plants stretching into the distance under bright sunlight.