

## Harnessing Culture Collections for Improved Plant Health

## Sunday 20 August | 8:30am-12:00pm | Lyon, France

This workshop will identify the diversity of culture collections and explore how these living microbial stock collections are being used to improve plant health.

We will present successful strategies and tools that are being used with these essential biological resources to further plant health research. We will discuss proper maintenance and curation of collections, how these essential stocks support plant growth within changing environments, disease diagnostics; and combat biotic and abiotic stresses.

The fundamental knowledge gained with this session will support and enhance efforts that are underway to broaden and strengthen the U.S. and European collection community and their networks.

## **Agenda**

- 08:30 Welcome and Introductions **Dusti Gallagher**, USCCN Project Manager
- 08:35 **Rick Bennett**, University of Kentucky & USCCN Steering Committee, USA *U.S. Culture Collections Network overview*
- 09:00 **Kirk Broders**, USDA/ARS/NRRL, Peoria, IL, USA

  The USDA-ARS Culture Collection as a strategic resource for plant health research.
- 09:25 **Andrew Aspin**, NCPPB, UK

  Cultural bacterial plant pathogens, standards for housing and reference
- 09:45 **Bob Shatters**, USDA ARS European Biological Control Lab, Montpellier, FR

  The importance of culture collections as resources for novel sources of biocontrol agents
- 10:10 **David Ingham**, AgBiome, USA

  Industry perspective on microbial culture collections: Success stories and future needs
- 10:30 Break
- 11:00 **Perrine Portier**, INRAE, FR

  Challenges and opportunities in operating a plant-associated bacteria collection
- 11:25 Panel discussion All presenters **Rick Bennet & Neha Potnis**, moderators
- 12:00 Wrap-up & Adjourn

