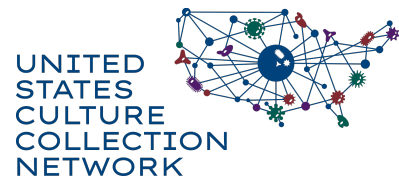


USCCN Satellite Workshop @ ICPP23 - Lyon, FR
Harnessing Culture Collections for Improved Plant Health
Sunday, 20 August 08:30 to 12:00



This workshop will identify and explore the diversity of culture collections and how they are being used to improve plant health. Living microbial collections can play a pivotal role in untangling community level interactions and contribute basic knowledge that can be translated in real world solutions. Workshop presentations will discuss proper maintenance and curation, successful strategies and tools to further plant health research and identify critical research areas: increasing plant growth within changing environments, disease diagnostics, reducing biotic and abiotic stresses, and microbiome manipulation. The fundamental knowledge gained with this session will support and enhance efforts that are underway to broaden and strengthen U.S. and European collection communities and their networks.

Workshop Agenda

- 08:30 – 08:35 **Dusti Gallagher, USCCN Project Manager, Wamego, KS USA**
Welcome and Introductions
- 08:35 – 09:00 **Rick Bennett, USCCN & University of Kentucky, Lexington, KY USA**
U.S. Culture Collections Network Overview
- 09:00 – 09:25 **Kirk Broders, USDA/ARS/NRRL, Peoria, IL, USA**
Scope of U.S. based ARS collection & its use, public v. patent collections, data generation on strains.
- 09:25 – 09:45 **Andrew Aspin, NCPPB**
Cultural bacterial plant pathogens, standards for housing and reference.
- 09:45 – 10:10 **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 – 10:25 **David Ingham, AgBiome, Research Triangle Park, NC, USA**
Industry perspective on microbial culture collections: Success stories and future needs.
- 10:30 – 11:00 Break
- 11:00 – 11:25 **Perrine Portier, INRAE, Beaucouzé, Pays de la Loire, France**
Challenges and Opportunities in Operating a plant-associated bacteria collection.
- 11:25 – 12:00 **Panel discussion (all speakers) – Rick Bennet & Neha Potnis, moderators**
What does the research community need from culture collections?
Where is the science headed? What services are needed?
What is the best way to provide needed services? Should new strategies/preservation methods be developed?
- 12:00 Wrap-up & Adjourn - workshop organizers.