

Plant Pathology Symposium

Genomics Strategies for Developing Sustainable Disease Resistance for Neglected Crops in the Developing World



Wednesday, January 25, 2017
Energy Biosciences Building, UC Berkeley



AGENDA

- 8:15 AM** **Introductory Statements**
Brian Staskawicz (IGI/UC Berkeley) and Chris Somerville (Open Philanthropy Project)
- 8:30 AM** **Advancing Genetic Solutions for Crop Diseases**
Diana Horvath (2Blades Foundation)
- 9:05 AM** **Bringing Orphan Crops into the Genetic Family, for the Mutual Benefit of Developed and Developing Countries Alike**
Jagger Harvey (Kansas State University)
- 9:40 AM** **The Genetic Control of Wheat Rust Meets and Greets Molecular Biology**
Jeff Ellis (Commonwealth Scientific and Industrial Research Organisation)
- 10:15 AM** **Coffee Break**
- 10:35 AM** **Blast Diseases of Rice and Wheat: Ancient and Emerging Diseases that Threaten Global Food Security**
Barbara Valent (Kansas State University)
- 11:10 AM** **Understanding and Exploiting Plant Resistance to Disease**
Jonathan Jones (Sainsbury Laboratory)
- 11:45 AM** **Biotech Potatoes with Disease Resistance for Small-holders in the Developing World**
Marc Ghislain (Centro Internacional de la Papa)
- 12:20 PM** **Lunch**
- 1:30 PM** **Integrated Approach to Cassava Improvement**
James Carrington (Donald Danforth Plant Science Center)
- 2:05 PM** **SEGS - A New Challenge in Combating Cassava Mosaic Disease in Africa**
Linda Hanley-Bowdoin (NC State)
- 2:40 PM** **Toward Agricultural Innovation from Wild Systems: Harnessing Biogeographical Patterns in Chickpea's Ancestral Microbial Communities**
Douglas Cook (UC Davis)
- 3:15 PM** **Coffee Break**
- 3:35 PM** **Role of Genetic Engineering for Crop Improvement: Case Study from Banana**
Leena Tripathi (International Institute of Tropical Agriculture)
- 4:10 PM** **Genome Editing Strategies for Developing Durable Disease Resistance**
Brian Staskawicz (UC Berkeley)
- 4:45 PM** **Meeting Discussion**
- 5:00 PM** **Adjourn**