



Program Schedule

Monday, May 11

Location: Buehler Alumni Center, UC Davis

- 6:00-7:00pm Social and Networking
6:45pm- Toast and cake cutting to celebrate SBC's 10th Anniversary
- 7:00-7:10pm Kent Bradford to introduce Chris van Kessel, Chair, Department of Plant Sciences
Chris van Kessel to Welcome
- 7:10-8:00pm **Keynote Speaker**
Rob Dirks, Research Manager, Rijk Zwaan (The Netherlands)
Plant breeding revised and reversed
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Tuesday, May 12

Location: ARC Ballroom, UC Davis

- 7:45-8:15am Continental Breakfast and Registration
- 8:15-8:30am Welcome, Overview of SBC
Kent Bradford, Academic Director, Seed Biotechnology Center
- 8:30-9:15am **Keynote Speaker**
Mathilde Causse, Head of Research Unit, INRA (Avignon, France)
Genetic and genomic approaches for the improvement of sensory quality in tomato
- 9:15-10:15am Panel on: **Molecular Markers to Facilitate Plant Breeding**
Moderated by: Gurdev Khush, UC Davis
Richard Michelmore, UC Davis
Molecular markers for lettuce improvement
Jorge Dubcovsky, UC Davis
Marker assisted selection for wheat improvement
Tom Osborn, Seminis (Woodland, CA)
Targets for molecular assisted selection in vegetables
- 10:15-10:30am Audience and Panel Discussion
- 10:30-10:50am Break
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- 10:50-11:50am Panel on: **Transgenic Approaches to Crop Improvement**
Moderated by: Peggy Lemaux, Cooperative Extension Specialist, UC Berkeley
Eduardo Blumwald, UC Davis
Engineering drought tolerance in crops
Jean Kridl, Arcadia (Davis, CA)
Improved nitrogen use efficiency in crop plants
Henry Valentin, Calgene (Davis, CA)
Development of a sustainable omega-3 vegetable oil for human consumption
- 11:50-12:05pm Audience and Panel Discussion
- 12:05-1:25pm Lunch Break
- 1:25-2:10pm **Keynote Speaker**
Molly Jahn, Dean, University of Wisconsin
Educating the next generation of plant breeders
- 2:10-2:50pm Panel on: **Education of Future Plant Scientists and Breeders**
Moderated by: Iago Lowe, Graduate Student, UC Davis
Peter Freymark, Pioneer Hi-Bred International (Ames, IA)
Education of plant scientists – an industry perspective
Allen Van Deynze, Plant Breeding Academy (UC Davis)
Private/public partnerships
- 2:50-3:00pm Audience and Panel Discussion
- 3:00-3:20pm Break
- 3:20-4:20pm Panel on: **Commercialization/Regulation of New Varieties**
Moderated by: Shannon Mueller, Cooperative Extension Advisor, UC Davis
Scott Thenell, Thenell & Associates LLC (Walnut Creek, CA)
The biotechnology regulation and stewardship process
Pam Ronald, UC Davis
Tomorrow's Table: Organic farming genetics and the future of food
Jeff McElroy, Mendel Biotechnology Inc. (Hayward, CA)
The biomass supply chain and breeding for energy
- 4:20-4:35pm Audience and Panel Discussion
- 4:35-4:50pm **Technology transfer and IP in the public sector**
Cecilia Chi-Ham, PIPRA (UC Davis)
- 4:50-5:00pm Wrap-up and thank you
Mike Campbell, Executive Director, Seed Biotechnology Center