

The American Society of Plant Biologists

Plant Genetics 2005

Mechanisms of Genetic Variation

October 12–16, 2005 • Snowbird Resort & Conference Center • Snowbird, Utah

Chair: Dorothy Shippen – Texas A & M University • Vice-Chair: Rich Jorgensen – University of Arizona

This conference on Plant Genetics will be the second of a series of specialty meetings sponsored by ASPB. The focus of this meeting will be on the nature and mechanisms of genetic variation and their effects on evolution of plant form and function, as well as on plant speciation and crop domestication. The meeting will bring together speakers working on different organisms, and on different aspects and approaches, with the aim of achieving a synthesis of understanding to stimulate discussion and further research. Attendance will be limited to 250 participants. The secluded setting and schedule are designed to facilitate ongoing interaction between the presenters and attendees. All meals will be on-site, and the speakers will be in attendance throughout the entire conference. Afternoons will be free for recreation, informal discussions and other activities. Participation by graduate students and young postdoctoral fellows is strongly encouraged, and discounted rates for registration and accommodation will be available.



The Snowbird Conference Center is located in a spectacular setting surrounded by mountains. The mid-autumn weather is expected to be pleasantly cool and crisp. Shuttles to Snowbird are available from Salt Lake City International Airport, which is about 40 minutes away and served by most major airlines.

Visit <http://www.aspb.org/meetings/> for registration and more information!

Keynote Lecture: Organization and Evolution of the Human Genome
Speaker: Evan Eichler (University of Washington, Seattle)

Session 1: Evolutionary Genetics and Genomics I
Speakers: Tom Mitchell-Olds (Duke University)
Johanna Schmitt (Brown University)

Thursday, October 13, 2005

Session 2: Evolutionary Genetics and Genomics II
Speakers: Michael Purugganan (North Carolina State University)
Michael Zanis (University of California, San Diego)
Elena Kramer (Harvard University)

Session 3: Origins and Nature of Genetic Variation
Speakers: Robert Pruitt (Purdue University)
Christine Queitsch (Harvard University)
Luca Comai (University of Washington, Seattle)

Friday, October 14, 2005

Session 4: Epigenetics and Epigenomics
Speakers: Steve Henikoff (Fred Hutchinson Cancer Center, Seattle)
Marjori Matzke (Austrian Academy of Sciences)
James Birchler (University of Missouri, Columbia)

Session 5: Chromosome Dynamics
Speakers: Jiming Jiang (University of Wisconsin, Madison)
Wojtek Pawlowski (Cornell University)
Barbara Hohn (Friedrich Miescher Institute, Basel)

Saturday, October 15, 2005

Session 6: Genetic Mechanisms in Plant Development
Speakers: Kathy Barton (Stanford University)
Hugh Dickenson (Oxford University)
Neelima Sinha (University of California, Davis)

Session 7: Genetic Mechanisms in Plant–Microbe Interactions
Speakers: Joy Bergelson (University of Chicago)
Maria Harrison (Cornell University)
Paul Schultz-Lefert (Max Planck Institute for Plant Breeding Research)

