Plant Epigenetics: From Genotype to Phenotype (B1)

Scientific Organizers: Scott D. Michaels, Doris Wagner and Nathan M. Springer

Date: February 15-19, 2016
Venue: Sagebrush Inn & Suites, Taos, New Mexico, USA

Meeting Summary

The modification of chromatin, including DNA and histones, allows for the manifestation of multiple phenotypes from the same DNA sequence. As sessile organisms, plants integrate a myriad of environmental cues into different phenotypic or growth responses via the epigenome. Technological advances have facilitated the study of the epigenome in unprecedented detail. This meeting will focus on recent breakthroughs in our mechanistic understanding of how epigenetic modifications shape the expression of genotype into phenotype in plants. Topics include the deposition/removal of chromatin modifications and histone variants, the role of epigenetics in development and response to environmental signals, natural variation and ecology, and applications for epigenetics in crop improvement. Bringing together a diverse group of experts from academia and industry will allow attendees to explore the frontiers of plant epigenetics and forge interdisciplinary collaborations.

DEADLINES:

Scholarship Deadline: Oct 14, 2015

Discounted Abstract Deadline: Oct 14, 2015

Abstract Deadline: Nov 16, 2015

Discounted Registration Deadline: Dec 15, 2015

For complete information visit: http://www.keystonesymposia.org/16B1