

March 31, 2012 (Sat) -13th Annual Plant Biology Minisymposium
University of Maryland, College Park, MD 20742
1103 Bioscience Research Building

8:30 Coffee and pastry (outside of room 1103) and **poster installation** (ground floor)

9:00 Opening remarks and Session I (Jianhua Zhu, session chair)

9:05 Eva Collakova (Dept. of Plant Pathology, Physiology, & Weed Science, Virginia Tech)
Are we ready for genome-scale modeling in plants?

9:25 Bret Cooper (Soybean Genomics and Improvement Laboratory, USDA-ARS, Beltsville)
Nuclear proteomic changes linked to soybean rust resistance

9:45 Zongrang Liu (Appalachian Fruit Research Station, USDA-ARS in West Virginia)
Small RNAs-mediated gene regulatory networks in plants.

10:05-10:50 Coffee Break I

Session II (Steve Mount, session chair)

10:50 Juan Dong (Waksman Institute of Microbiology, Rutgers University)
Making things different: cell polarity and asymmetric division in plants

11:10 Art Hunt (Dept. of Plant and Soil Sciences, University of Kentucky)
The polyadenylation complex links cellular signaling with plant growth and development

11:30 Ying Gu (Dept. of Biochemistry & Molecular Biology, Pennsylvania State University)
CSI1, bridging between CESA complexes and cortical microtubules, is required for efficient cellulose synthesis in *Arabidopsis thaliana*.

11:50—13:40 Lunch (ground floor) and **poster viewing** (around lunch area)

13:40 Session III (Shunyuan Xiao, session chair)

13:40 Boris Vinatzer (Dept. of Plant Pathology, Physiology, & Weed Science, Virginia Tech)
Perception of bacterial flagellin by plants: some answers, many questions

14:00 Hisashi Koiwa (Dept. of Horticultural Sciences, Texas A&M University)
Function of Arabidopsis RNA polymerase II C-terminal domain phosphatase-like 1 in iron deficiency response.

14:20 Hua Lu (Dept. of Biological Sciences, University of Maryland Baltimore County)
Circadian control of innate immunity by CCA1 and LHY in Arabidopsis

14:40-15:10 Coffee Break II (outside of room 1103)

15:10 Session IV (Zhongchi Liu, session chair)

15:10 Chun-Ming Liu (Institute of Botany, Chinese Academy of Sciences)
Functional dissection of CLE peptides in Arabidopsis.

15:30 Walter Gassmann (Division of Plant Sciences, University of Missouri)
The yin and yang of effector-triggered immunity: the negative regulator SRFR1 interacts with the effector target EDS1.

15:50 Ganesh Sriram (Dept. of Chemical and Biomolecular Engineering, Univ. of Maryland)
A map of carbon traffic in a photosynthetic diatom

16:10 Wine and beer reception (outside room 1103) **and poster viewing** (ground floor)

Organizers:

Caren Chang
June Kwak
Zhongchi Liu
Hua Lu
Steve Mount
Heven Sze
Shunyuan Xiao
Jianhua Zhu (chair of the organizing committee)

Sponsors:

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