Pre-Conference Satellite Workshops

Workshop 1

Sunday, December 7, 2008
8:45 - 4:00

Beyond the papilionoids - What can we learn from Chamaecrista?

Organizers:  
Susan Singer (Carleton College, USA)  
Jeff Doyle (Cornell University, USA)  
Greg May (National Center for Genome Resources, USA)

PROGRAM

Building Chamaecrista community resources

8:45-9:00  Welcome and introduction
9:00-9:30  Gregory D. May (National Center for Genome Resources, USA)  
Whole transcriptome sequencing of Chamaecrista fasciculata

Evolutionary perspectives

9:30-10:00  Steven Cannon (Iowa State University, USA)  
Legume genome evolution from the perspective of Chamaecrista fasciculata
10:00-10:30  Anne Bruneau (Université de Montréal, Canada)  
Phylogenetic relationships and diversification in the caesalpinoid legumes

10:30-10:45  Coffee break

Nodulation

10:45-11:15  Jeff J. Doyle (Cornell University, USA)  
The nodule transcriptome of a non-papilionoid legume, Chamaecrista fasciculata
11:15-11:45  Ann M. Hirsch (University of California - Los Angeles, USA)  
Studying symbiosis in the basal legumes, Chamaecrista fasciculata and Gleditsia triacanthos
IV ICLGG
IV International Conference on Legume Genomics and Genetics
December 7-12, 2008 Puerto Vallarta, México

Education

11:45-Noon  Susan R. Singer (Carleton College, USA)
Integrating Chamaecrista research and education

Noon-1  Lunch

Leveraging papilionoid resources

1-1:30  R. Varma Penmetsa (University of California, Davis, USA)
Leveraging genomics in model species to accelerate genomics in less characterized legumes

Shoots, flowers, and seeds

1:30-1:50  Sonja L. Maki (Carleton College, USA)
Characterization of vegetative and floral development in ecotypes of Chamaecrista fasciculata

1:50-2:20  Susan R. Singer (Carleton College, USA)
The shoot transcriptome of the non-papilionoid legume Chamaecrista fasciculata

2:20-2:50  Michael A. Grusak (USDA-ARS Children’s Nutrition Research Center, Baylor College of Medicine, USA) - Seed mineral concentrations and root mineral acquisition phenomena in Chamaecrista fasciculata: comparisons with other model and crop legumes.

2:50 – 3:05  Coffee break

Roundtable discussion – What next?

3:05-4:00  Community resources and needs – facilitated by Gregory D. May (National Center for Genome Resources, USA) and Jeff J. Doyle (Cornell University, USA)

Notes:

1) All half-hour talk slots include a 5-10 minute discussion period.
2) If you would like to join the Chamaecrista listserve, please contact Susan Singer (ssinger@carleton.edu)