Saturday, October 25

11:00 - 12:15  Arrival and Lunch

12:15 - 12:30  Welcome & Introduction – Bob Goldberg/John Harada

12:30 - 2:30  FISCHER LAB
  • Bob Franks
    Specification of the carpel margin meristem - the essential first step in female fertility.

  • Tzung-Fu Hsieh
    How to understand Polycomb protein function throughout plant development.

  • Wenyan (Frank) Xiao
    Seed imprinting is controlled by antagonism between MET1 methyltransferase and DME glycosylase enzymes.

  • Jon Penterman
    Function of proteins related to the DME DNA glycosylase

2:30 - 2:45  Discussion

2:45 - 3:00  Break

3:00 - 5:30  HARADA LAB
  • Masa-aki Ohto
    Control of Seed Size by AP2

  • Siobhan Braybrook
    Role of LEC Transcription Factors in Embryo Development

  • Soomin Park
    Functional Dissection of the LEC1 CCAAT Binding Transcription Factor

  • Raymond Kwong
    Identification of Genes Induced by LEC1

  • John Harada
    How do LEC B3 Domain Transcription Factors Regulate Embryogenesis?

  • Soomin Park
    A Novel DNA Binding Site for LEC2

  • Siobhan Braybrook
    Identification of LEC2 Target Genes

  • John Harada
    Conclusions and Wrap

5:30 - 5:45  Discussion

5:45 - 7:00  Check-In Palm Court Hotel and Free Time
7:00 - 10:00  Reception and Halloween Dinner @ Silo Pub

SUNDAY, OCTOBER 26

8:00 - 8:30  Breakfast

8:30 - 10:00  DREWS LAB
  • Gary Drews et al.
    Development and Function of the Female Gametophyte

10:00 - 10:15  Discussion

10:15 - 10:30  Break

10:30 - 12:30  GOLDBERG LAB
  • Bob Goldberg
    A Strategy for Uncovering Regulators of Embryo and Seed Development

  • Tomokazu Kawashima
    The Search For Suspensor-Specific Gene Networks

  • Brandon Le / Anhthu Bui
    A Comprehensive Profile of Genes Active in Seed Development

  • Bob Goldberg
    Teaching Undergraduates the Excitement of Scientific Discovery

  • Brittan Scales/Josh Wolf/Erin Marsh
    A Comprehensive Search For Knock-Out Mutations in Genes Active During Seed Development

  • Jinsun Choi
    Identification and Analysis of Arabidopsis HOX7 Gene Knock-Outs

  • Bob Goldberg
    What’s the Next Step?

12:30 - 12:45  Discussion

12:45 - 1:30  Lunch

1:30 - 2:00  Summary