

16th Annual Embryo 21st Century/Seed Institute Conference
UCLA Conference Center, Lake Arrowhead
November 14-16, 2008

Friday – November 14

- 3:00pm** **Check-In – Welcome Reception & Appetizers (Iris)**
- 3:45pm** **Session I – Goldberg Lab -- UCLA (Iris)**
Welcome and Introduction – What are the Genes Required to Make a Seed – The Film!!
Bob Goldberg
- 4:00pm** *What are the Genes Required to Program Soybean Seed Development?*
Chen Cheng & Jungim Hur
- 4:45pm** *How to Identify Genes Active in Soybean Seeds Using 454 DNA Sequencing Technology?*
Brandon Le & Min Chen
- 5:15pm** *What are the Genes Active in the Suspensor and Embryo Proper of Scarlet Runner Bean Globular Stage Embryos?*
Anhthu Bui
- 5:45pm** *What are the Regulatory Elements Required for Suspensor Transcription?*
Tomo Kawashima & Kelli Henry
- 6:15pm** **Free Time & Dinner**
- 8:00pm** **Session II – Alumni Guest Speakers (Iris)**

Bioinformatic Approaches to Identify Seed DNA Regulatory Sequences and Gene Expression Patterns
Genaro DePaiva-EMBRAPA (Brazil)
- 8:45pm** *Regulatory Networks and Genes Controlling Female Gametophyte Development*
Ramin Yadegari-University of Arizona
- 9:30pm** **Discussion & Snacks**

Saturday – November 15

- 8:00am** **Breakfast**
- 9:00am** **Session III – Drews Lab – University of Utah (Iris)**
Introduction
Gary Drews
- 9:10am** *Regulation of Central Cell Development by AGL61*
Josh Steffen
- 9:40am** *Regulation of Endosperm Development by AGL62*
Dave Rabiger
- 10:10am** **Break & Discussion**
- 10:30am** *Analysis of AGL62 Binding Proteins*
Alan Lloyd
- 11:00am** *Summary*
Gary Drews
- 11:15am** **Discussion & Free Time (Iris)**
- 12:00pm** **Lunch**
- 1:00pm** **Leisure Activities**
- 4:00pm** **Poster Session & Appetizers (Iris)**
- 6:30pm** **Dinner**
- 8:00pm** **Session IV -- Harada Lab – UC Davis (Iris)**
Introduction
John Harada
- 8:10pm** *LEC2: A Regulatory Hub in Embryogenesis*
Siobhan Braybrook
- 8:40pm** *Function of the LEC1 CCAAT Binding Factor in Embryo
Development*
Polly Hsu & Julie Pelletier
- 9:10pm** **Break & Discussion**
- 9:30pm** *Cutting to the Chase: LCM and Arabidopsis Seed Development*
Mark Belmonte & Ryan Kirkbride

10:30pm **Discussion & Snacks**

Sunday – November 16 (Note – Check Out of Rooms by 10am!)

8:00am **Breakfast**

9:00am **Session V -- Fischer Lab (Iris)**

Introduction

Bob Fischer

9:10am *Steps to Delineate the Arabidopsis Imprintome*

Tzung-Fu Hsieh, Juhyun Shih, Christian Ibarra

9:55am *Architecture of DME*

Jin Hoe Huh

10:30am **Break & Discussion**

10:45am *DME: Thinking Outside the Seed*

Bob Fischer (for Matt Bauer)

11:15am *Summary*

Bob Fischer

12:00pm **Lunch & Departure**

Participants & Email Addresses

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