

**15th Annual Embryo 21st Century/Seed Institute Conference
UCLA Conference Center, Lake Arrowhead
November 16-18, 2007**

Friday – November 16

- 3:00pm** **Check-In -- Welcome Reception & Appetizers**
- 4:00pm** **Session I – Fischer Lab**
Introduction
Bob Fischer
- 4:05pm** *Structure of the DME DNA Glycosylase*
Jin Hoe Huh
- 4:40pm** *Mechanisms for Gene Imprinting*
Tzung-Fu Hsieh
- 5:10pm** *Studying DME Outside the Seed*
Matt Bauer
- 5:45pm** **Discussion and Free Time**
- 6:30pm** **Dinner**
- 8:00pm** **Poster Session I, Discussion, and Snacks**

Saturday – November 17

- 8:00am** **Breakfast**
- 9:00am** **Session II – Drews Lab**
Introduction Gary Drews
- 9:10am** *Identification of Female Gametophyte Expressed Genes*
Josh Steffen
- 9:25am** *Dissecting Egg Cell Gene Regulatory Networks*
Josh Steffen
- 9:40am** *Dissecting Synergid Cell Gene Regulatory Networks*
Jayson Punwani and Dave Rabiger
- 10:30am** **Break and Discussion**

10:45am *Dissecting Central Cell and Early Endosperm Gene Regulatory Networks*
Josh Steffen

11:15am *Summary*
Gary Drews

11:30am **Discussion and Free Time**

12:00pm **Lunch**

1:00pm **Free Afternoon for Discussion and Leisure Activities**

4:30pm **Poster Session II, Discussion, and & Appetizers**

6:30pm **Dinner**

8:00pm **Session III -- Goldberg Lab**
Introduction
Bob Goldberg

8:10pm *What are the Genes Required to Make a Seed?*
Anhthu Bui, Javier Wagmaister, and Chen Cheng

8:50pm *Using 454 Sequencing to Identify Genes Active in Embryo Regions*
Anhthu Bui and Brandon Le

9:30pm **Break and Discussion**

9:45pm *Identifying Regulatory Elements Required for Suspensor Transcription*
Tomo Kawashima, Kelli Henry, and Bekah Charney

10:30pm **Discussion, Snacks, and Free Time**

Sunday – November 18 (Note: Check Out of Rooms by 10am!)

8:00am **Breakfast**

9:00am **Session IV -- Harada Lab**
Introduction
John Harada

- 9:10am** *Dissection of Arabidopsis Seed Development*
Ryan Kirkbride and Mark Belmonte
- 9:50am** *Analysis of LEC2 Function of Embryogenesis*
Siobhan Braybrook
- 10:30am** **Break and Discussion**
- 10:45am** *Function of the LEC1 CCAAT Binding Factor in Embryo
Development*
Julie Pelletier
- 11:15am** *LEC Genes in Seed-Free Plants*
Ryan Kirkbride
- 11:45am** *Summary*
John Harada
- 12:00pm** **Lunch and Departure**

Participants & Email Addresses 2007

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