

**TENTH ANNUAL EMBRYO 21st CENTURY/SEED INSTITUTE MEETING
UC Davis - October 26-27, 2002**

SATURDAY, OCTOBER 26

- 11:00 - 1:00 **Arrival and Lunch**
- 1:00 - 1:15 **Welcome & Introduction** – Bob Goldberg/John Harada
- 1:15 - 3:15 **GOLDBERG LAB**
•Bob Goldberg
Major Questions in Embryo Development
- Anhthu Bui/Brandon Le
The Giant Bean as a Genomics Engine – Five Years Later
- Anhthu Bui/Tomo Kawashima
Hunting For Regulators of Suspensor-Specific Gene Transcription
- Anhthu Bui/Mike Ferry/Jinsun Choi/Aycha Erbilgin
Knocking Out Giant Bean Orthologs in Arabidopsis
- Brandon Le/Anhthu Bui
Using RNA Microarrays To Identify Seed Regulatory Networks
- 3:15 - 3:30 **Discussion**
- 3:30 - 3:45 **Break**
- 3:45 - 5:30 **HARADA LAB**
•Soomin Park
Introduction to Lecomics
- Hye-seung Lee
Molecular Dissection of LEC1 Function in Embryogenesis
- Raymond Kwong
Taming LEC1
- Sandra Stone
Investigating the Link Between LEC2 and Embryo Development
- Masaki-Ohto
Control of Seed Size by AP2
- 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 27

- 8:00 - 9:00 **Breakfast**
- 9:00 - 10:00 **DREWS LAB**
•Gary Drews et al.
Genetic Analysis of Female Gametophyte Development
- 10:00 - 10:15 **Discussion**
- 10:15 - 10:30 **Break**
- 10:30 - 12:30 **FISCHER LAB**
•Yeonhee Choi/Mary Gehring
DEMETER, a DNA Glycosylase, is Required for Endosperm Gene Imprinting and Seed Viability
- Wenyan Xiao
How to Rescue a dme Mutant Seed: Analysis of dme Suppressor Mutations and Genes
- Mary Gehring
Restoring Balance: Male Suppressors of medea
- Tzung-Fu Hsieh
Understanding Polycomb Gene Function
- Bob Franks
Control of Arabidopsis Gynoecium Development
- 12:30 - 12:45 **Discussion**
- 12:45 - 2:00 **Lunch**
- 2:00 - 3:00 **CERES**
•Diane Jofuku/Jack Okamura
Seed Science in the Corporate World
- 3:00 - 3:15 **Discussion**
- 3:15 - 3:30 **Summary and Departure**