



3rd Annual CEPCEB Postdoc Symposium

10th June 2016
Genomics Auditorium
UC Riverside

SESSION I

Session Chair : Maria L. Irigoyen

- 9.25 am** Opening Remarks
- 9.30 am** **Ricardo Mir**, POST-DOCTORAL FELLOW
Botany and Plant Sciences
Characterization of a DII-based auxin reporter in maize
- 9.50 am** **Kevin Rodríguez**, GRADUATE STUDENT
Botany and Plant Sciences
Threshold contingent transcriptional discrimination underlies stem cell homeostasis
- 10.10 am** **Pablo Martínez**, GRADUATE STUDENT
Biochemistry
TANGLED1 function in maize
- 10.30 am** **Tianran Jia**, GRADUATE STUDENT
Botany and Plant Sciences
Dissecting the functions of a potential RNA helicase in small RNA biogenesis
- 10:50 am** **COFFEE BREAK**

SESSION II

Session Chair : Brandon Le

- 11:10 am** **Zied Gaieb**, GRADUATE STUDENT
Chemical engineering
Molecular mechanism of biased ligand conformational changes in CC chemokine receptor 7
- 11:30 am** **Rohith Mohan**, GRADUATE STUDENT
Bioengineering
Interplay between ionic strength, association rates and electrostatic interaction in the C3d:CR2 complexes
- 11:50 am** **Jie Zhu**, GRADUATE STUDENT
Biochemistry
Understanding short and medium chain volatile ester biosynthesis by AATase activity in yeast
- 12:10 pm** **Wei Cui**, POST-DOCTORAL FELLOW
Statistics
Metagenomics binning via sequential Monte Carlo (SMC) method
- 12:30 pm** **LUNCH BREAK**

SESSION III

Session Chair : Mauricio A. Reynoso

- 2:00 pm** **Zhongxin Guo**, POST-DOCTORAL FELLOW
Plant Pathology and Microbiology
Phospholipid flippases regulate siRNA-mediated antiviral innate immunity in *Arabidopsis thaliana*
- 2:20 pm** **Xueqing Lu**, GRADUATE STUDENT
Cell Biology and Neuroscience
An exploration of gene expression and regulation mechanisms in the malaria causing parasite, *Plasmodium falciparum*
- 2:40 pm** **Travis Lee**, GRADUATE STUDENT
Botany and Plant Sciences
Nuclear dynamics of transcriptional regulation in response to hypoxia stress in *Arabidopsis thaliana*
- 3:00 pm** **Ka-Wai Ma**, POST-DOCTORAL FELLOW
Plant Pathology and Microbiology
Structure of a pathogen effector reveals enzymatic mechanism of a novel acetyltransferase family
- 3:20 pm** **Arun Kumar**, POST-DOCTORAL FELLOW
Entomology
The detection of bitter and sweet compounds by the evolutionarily conserved sweet clade in *Drosophila*
- 3:40 pm** **COFFEE BREAK**
- 4:00 pm** **Keynote speaker introduction**
Cecilia Rodríguez-Furlán
- 5:00 pm** **CLOSING RECEPTION**

SCHEDULE



4:05 pm Keynote speaker presentation

Frank G. Harmon, ADJUNCT ASSOCIATE PROFESSOR
*Department of Plant and Microbial Biology
UC Berkeley*

The green watch: mechanisms and impacts of circadian timing in plants

