

## FRIDAY, OCTOBER 15, 2010

(All talks will take place in the Genomics Auditorium, Rm II02A)

2:00-3:00pm CEPCEB AWARDS CEREMONY

3:00-4:00pm 2010 Noel Keen Lecture:  
DR. PHILIP N. BENFEY,  
Duke University —  
“Development Rooted in Interwoven  
Networks”

4:30-5:15pm RECEPTION in Lobby

Moderator: THERESA DINH

5:15-5:40pm SEAN BOYLE  
“Expanding the Olfactory Code by  
in silico Decoding Odor-Receptor  
Chemical Space Consisting of Two  
Distinct Receptor Classes”

5:40-6:05pm MICHELLE BROWN  
“Endosidin2 Disrupts Endomem-  
brane Trafficking of Specific Auxin  
Transporters”

6:05-6:30pm KAYLA HAMERSKY  
“My Summer at the Max-Planck Institute  
for Chemical Ecology: Exploring the  
Rhizosphere of *Xiphidium caeruleum*”

## SATURDAY, OCTOBER 16, 2010

10:30-11:00am RECEPTION in Lobby

Moderator: KAYLA HAMERSKY

11:00-11:20am PATRICK SCHACHT  
“Studying the Non-Receptor GEF R1C8  
in *Neurospora crassa* Using Chemical  
and Classical Genetics”

11:20-11:40am JOLENE DIEDRICH  
“Photodissociation-Mass Spectrom-  
etry: Shining the Light on Protein  
Modifications”

11:40am-12:00pm DANIEL ORR  
“A Metabolomic Approach to  
Pomegranate Juice Authenticity”

12:00-1:15pm LUNCH in the Entomology Courtyard

Moderator: PATRICK SCHACHT

1:15-1:35pm MOSES TATAW  
“Pattern Analysis of Stem Cell Growth  
Dynamics in the Shoot Apex of *Arabidop-  
sis thaliana*”

1:35-1:55pm MELINDA SALUS  
“Dissecting Plant Defense Signaling by  
Chemical and Molecular Genetics”

1:55-2:15pm AARON DeVRIES  
“Hormones and Their Roles in Alternate  
Bearing”

2:15-2:30pm COFFEE BREAK in Lobby

Moderator: YIFAN LI

2:30-2:50pm MELISSA SMITH  
“Elucidation of the Role of Leucine  
Aminopeptidase A in Stress Response in  
Tomato”

2:50-3:10pm ROBERT KOBLE  
“Chemical Genetic Dissection of the  
LATERAL ORGAN BOUNDARIES  
Gene in *Arabidopsis thaliana*”

3:10-3:30pm JESSICA DIAZ  
“Dissection of Plant Architecture in Rice  
and Arabidopsis”

3:30-3:45pm COFFEE BREAK in Lobby  
3:45-4:15pm OPEN DISCUSSION

Moderator: ROBERT KOBLE

4:15-4:35pm THERESA DINH  
“Identifying Players Involved in TGS  
Using Chemical Genomics”

4:35-4:55pm YIFAN LI  
“Chemical Genomic Dissection of Small  
RNA Mediated Gene Silencing Pathways  
in *Arabidopsis thaliana*”

4:55-5:15pm AUGUSTA JAMIN  
“RENI Phosphorylation by Calcium-  
dependent Protein Kinase is Involved in  
Feedback Regulation of ROPI Pathway”

5:15-5:35pm COFFEE BREAK and PHOTO

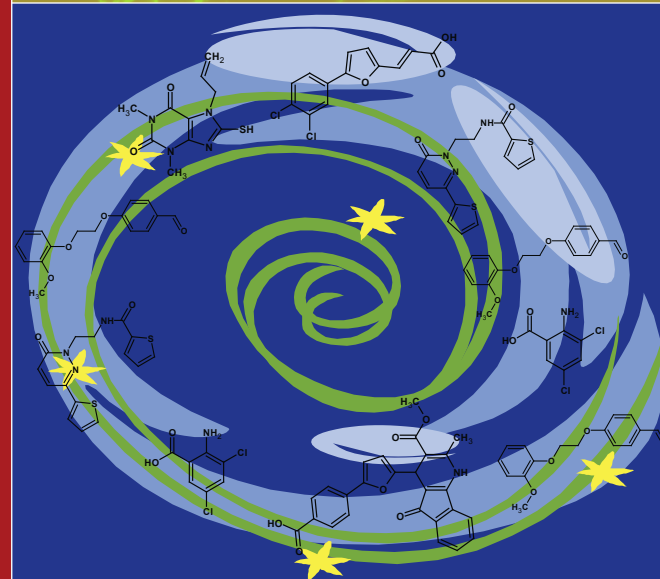
Moderator: SEAN BOYLE

5:35-5:55pm ANDREW DEFRIES  
“Forward Chemical Genetics in Arabi-  
dopsis with a Novel “tagged” and Fluores-  
cent Small Molecule Library”

5:55-6:15pm SEAN CUTLER  
“Some New Directions in Plant  
Chemical Biology”

6:30pm DINNER and SOCIAL in Botanic  
Gardens

## OUR CHEMICAL UNIVERSE



### CEPCEB ChemGen IGERT 2005-2011 Fellows & Associates

Samer Elkashef, Charles Jang, James Kim, Colleen Knoth,  
Christiana Merrywell, Eddie Cao, Jolene Diedrich, Theresa Dinh,  
Augusta Jamin, Kayla Hamersky, Sean Boyle, Michelle Brown, Anna Charisi,  
Andrew Defries, Melinda Salus, Melissa Smith, Ayesha Baig,  
Gregory Barding, Patrick Schacht, Shang Wu, Rae Eden Yumul,  
Aaron DeVries, Jessica Diaz, Robert Koble, Yifan Lii, Dan Orr, Sai Patne