Cellular, Molecular & Biochemical Sciences Training Program/Center for RNA Biology Annual Symposium

Ohio Union, US Bank Conference Theater and Cartoon Room
May 12, 2015

8:15-8:50 AM   **Registration and Breakfast: Cartoon Room**

8:55-9:00 AM   **Opening Remarks: US Bank Conference Theater**
Karin Musier-Forsyth, Co-Director CMBP Training Grant

9:00-9:45 AM   **Martha Fedor, The Scripps Research Institute**
Introduced by Alice Duchon, RNA Center Fellow, OSBP
"RNAs as global metabolic regulators"

Trainee Session: Jane Jackman, Session Chair

9:45-10:05 AM   **Douglas Cheung (CMBP trainee, MCDB, Croce lab)**
*"Targeting CDKs with PHA-848125 in estrogen
receptor negative breast cancer"*

10:05-10:25 AM   **Nicholas Long (CMBP trainee, OSBP, Magliery lab)**
*"Characterization and selection of biophysically optimized antibody
fragments for enhanced in vivo tumor imaging"*

10:25-11:25 AM   **Poster Session (Cartoon Room)**

Trainee Session (cont'd): Dan Schoenberg, Session Chair

11:30-11:50 PM   **Rebecca Williams-Wagner (RNA Center Fellow, Microbiology, Henkin lab)**
"Function and regulation of the Bacillus subtilis tyrZ gene"

11:50-12:10 AM   **Tammy Bullwinkle (Postdoctoral Fellow, Ibba lab)**
*"Mixed signals; translational quality control is critical for bacterial responses
to amino acid stress"*

12:15-1:10 PM   **Lunch, Cartoon Room**

1:15-2:00 PM   **Phillip Zamore, University of Massachussetts Medical School**
Introduced by Pearson Maugeri, CMBP trainee, Molecular Biophysics
"Mechanisms and functions of RNA silencing pathways."

2:00-2:25 PM   **Anita Hopper, Molecular Genetics, OSU**
"Listen to the cells: tRNA subcellular trafficking"

2:25-2:45   **Coffee break**

2:45-3:10   **Karin Musier-Forsyth, Chemistry and Biochemistry, OSU**
"Unexpected connections of aminoacyl-tRNA synthetases to HIV"

3:10-3:55   **Jerry Workman, Stowers Institute for Medical Research**
Introduced by Tami Coursey, CMBP trainee, MCDB
"Chromatin modifications for signaling and transcription"

3:55-4:00 PM   **Closing Remarks**
Michael Ibba, Co-Director CMBP Training Grant

4:00-5:30 PM   **Reception/Posters (Cartoon Room)**