

**2012 Cellular, Molecular & Biochemical Sciences Training Program/  
Center for RNA Biology Annual Symposium  
The Ohio Union, U.S. Bank Conference Theater  
June 12, 2012**

- 8:30-8:55 AM Poster set-up/check-in
- 8:55-9:00 AM Welcome
- 9:00-9:50 AM **Prof. Michael Terns, University of Georgia**  
*"Small RNA-Mediated Prokaryotic Immune Systems"*
- 9:50-10:10 AM Dr. Christopher Jones, OSBP  
*"Molecular mimicry of human tRNA<sup>Lys</sup> by HIV-1 RNA genome facilitates viral replication"*
- 10:10-10:30 AM Ms. Hui-Yi Chu, MCDB  
*"Genome-Wide Investigations of Translating mRNAs to Study the Cellular Functions of tRNA Nuclear-Cytoplasm Dynamics in S. cerevisiae"*
- 10:30-10:45 AM Coffee Break
- 10:45-11:05 AM Ms. Andrea McCue, Molecular Genetics  
*"Transposable Element Small RNAs as Regulators of Gene Expression"*
- 11:05-11:35 AM Prof. Michael Ibba, Department of Microbiology  
*"Positive selection of a quality control mechanism for ambiguous genetic code translation"*
- 11:35-1:30 PM Lunch/Poster Session, Great Hall Meeting Room**
- 1:30-2:20 PM Keynote Speaker: Prof. David Tirrell, California Institute of Technology**  
*"Reinterpreting the Genetic Code: Non-Canonical Amino Acids in Protein Design, Evolution and Analysis"*
- 2:20-2:50 PM Prof. Michael Poirier, Department of Physics  
*"Regulation and Functions of Nucleosome Dynamics"*
- 2:50-3:40 PM Prof. Lynne Maquat, University of Rochester**  
*"Staufen-mediated mRNA decay: Alutrious effects via lncRNAs"*
- 3:40-3:50 PM Closing Remarks
- 3:50-5:00 PM Reception/Posters, Great Hall Meeting Room**