

**Cellular, Molecular & Biochemical Sciences Training Program and
Center for RNA Biology Annual Symposium**
Ohio Union US Bank Conference Theater and Great Hall Meeting Room

- 8:15-8:55 AM Registration and Breakfast**
- 8:55-9:00 AM Opening Remarks**
Karin Musier-Forsyth, Co-Director CMBP Training Grant
- 9:00-9:45 AM Dr. Christine Dunham, Emory University**
"Basis for translational control through RNA-mediated interactions".
Introduced by Aubree Zimmer, CMBP Trainee, OSBP
- 9:45-10:45 AM Poster Session I (all trainees are invited to be at their posters)**
- Trainee Session: Michael Kearse, Dept of Biological Chemistry and Pharmacology, Session Chair**
- 10:50-11:10 AM MaKenzie Scarpitti, RNA Center Fellow, BSGP**
"Biochemical dissection of FMRP uncovers novel modes of translational control lost in Fragile X syndrome"
- 11:10-11:30 AM Jeremy Lerma, CMBP Trainee, Molecular Genetics**
"Development of a high throughput zebrafish screen to identify genetic modifiers of Duchenne muscular dystrophy"
- 11:30-11:50 PM Benjamin Pastore, RNA Center Fellow, OSBP**
"3' end processing protects piRNAs from tailing by the Poly-U Polymerase 1 (PUP-1) and degradation by DIS-3 Like Exonuclease (DISL-2)"
- 11:50-12:30 PM Lunch**
- 12:30-1:10 PM Poster Session II (all trainees are invited to be at their posters)**
- 1:15-2:00 PM Dr. Aaron Goldstrohm, University of Minnesota**
"Regulation of messenger RNAs by Pumilio proteins"
Introduced by Paul Russell, CMBP Trainee and RNA Center Fellow, OSBP
- 2:00-2:25 PM Dr. Li-Chun Tu, Department of Biological Chemistry and Pharmacology, OSU**
"Differential regulation of large-scale human chromosome conformations in living cancerous and non-cancerous cells"
- 2:25-2:45 Coffee break**
- 2:45-3:10 Dr. Kotaro Nakanishi, Department of Chemistry and Biochemistry, OSU**
"Tiny RNAs beneath the layer of microRNAs"
- 3:10-3:55 Dr. David Bartel, Whitehead Institute, MIT**
"Regulation of mRNA translation and decay"
Introduced by Ian Price, RNA Center Fellow, OSBP
- 3:55-4:00 PM Closing Remarks**
Jane Jackman, Co-Director, CMBP Training Grant
- 4:00-5:30 PM Reception**