The Department of Chemistry
And the Department of Biophysics & Biochemistry
Jointly Present

2013 Chemical Biophysics Mini-Symposium

Biology of Cancer

January 10, 2013
Lynch Auditorium, Chemistry Building

12:30-1:20 **Robert Weinberg,** Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology
Malignant progression, the EMT and cancer stem cells

1:20-1:40 **Kevan Salimian,** Department of Biochemistry and Biophysics, Black Lab
CENP-A at human centromeres and neocentromeres forms octameric nucleosomes with loose superhelical termini

1:40-2:00 **Mark Mason,** Department of Chemistry, Skordalakes Lab
Oligimerization of the yeast Cdc13 is essential for proper telomere maintenance

2:00-2:50 **Steven Artandi,** Stanford University
Connecting chromosome ends to human disease

2:50-3:10 Coffee Break

3:10-4:00 **Lorena Beese,** Duke University
Genesis and repair of DNA replication errors

4:00-4:20 **Peter Huwe,** Department of Biochemistry and Biophysics, Radhakrishnan Lab
Understanding kinase activation of ALK in neuroblastoma patients

4:20-4:40 **Yujie Liu,** Perelman School of Medicine, Hancock Lab
Inhibition of p300 impairs Foxp3+ T-regulatory cell function and promotes anti-tumor immunity

4:40-5:30 **Cynthia Wolberger,** Howard Hughes Medical Institute, The Johns Hopkins University
Mechanisms of ubiquitin signaling in transcription and the DNA damage response

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