**Spring Bay Area Yeast Meeting**

**April 19th, 2014**

**M106, Alway Building, Stanford Medical Center – Stanford University**

**9:00 Coffee and Registration (Courtyard outside M106)**

**10:00 – 12:00 Research Talks M106, Alway Building**

FRET-based assay for monitoring septin filament assembly

 ***Elizabeth “Libby” Booth, Jeremy Thorner Lab, UC Berkeley***

Yeast’s evil relative: a fungus that swims, crawls, and kills vertebrates

***Tim Stearns, Stanford University***

Number of Cln3 molecules determines budding probability in yeast

***Kurt Schmoller ,* J.M. Skotheim Lab, *Stanford University***

Re-replication of a centromere induces whole-chromosomal instability and aneuploidy

***Stacey Hanlon, Joachim J. Li Lab, UCSF***

Heterozygote advantage in adapting diploids

***Diamantis Sellis, Dmitri Petrov Lab, Stanford University***

TBA

***Chandra Richter - Galo Research***

**12:00 – 1:45 Lunch and Posters (Courtyard outside M106)**

**1:50 – 3:45 Research Talks M106, Alway Building**

Investigating the functional defects of human p53 mutations in a yeast model system: an introductory molecular biology laboratory course for undergraduates

***Daria Hekmat-Scafe, Martha Cyert and Tim Stearns Lab, Stanford University***

Chomatin Remodeling as a Molecular Basis of Expression Noise

***Christopher Brown, Hinrich Boeger Lab, UC Santa Cruz***

Insights into yeast gene regulation though high-throughput and precision RNA boundary mapping

***Aino Järvelin, Lars Steinmetz Lab, EMBL***

Transient expression of intrinsically disordered proteins heritably transforms the phenotypic landscape of S. cerevisiae

***Daniel Jarosz, Stanford University***

Accounting for biases in riboprofiling data indicates a major role for proline in stalling translation

***Carlo Artieri, Hunter B. Fraser Lab, Stanford University***

The role of nucleoporins specifically Nup2 during meiosis in budding yeast

***Daniel Chu, Sean Burgess Lab, UC Davis***

**3:50 – 4:50 Key Note Speaker M106**

*“TBA”*

***Randy Schekman***

*Howard Hughes Investigator and Professor of Cell and Developmental Biology,*

*UC Berkeley*

*Nobel Prize in Physiology or Medicine, 2013*

**4:50 – 5:30 Wine reception (Courtyard outside M106)**

Wine generously donated by:

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