

BIOCHEMISTRY, MOLECULAR AND CELL BIOLOGY

2008 RETREAT

November 13, 2008

POSTER PRESENTATIONS

1.

_____ and Harold C. Smith

3.

Oligomerization of yeast α -factor receptors detected by fluorescence resonance energy transfer between differentially labeled ligands

Sara Connelly, Austin Gehret, Fred Naider, and Mark E. Dumont

4.

A fluorescence-based approach for identification of regions of G protein coupled receptors that interact with ligands

Elizabeth Mathew, Sara Connelly, Anshika Bajaj, Fred Naider, and Mark E. Dumont

5.

Developing screens to identify mutations that modulate the stability of Ste2p, a G Protein coupled receptor in *S. cerevisiae*

Jeff Zuber and Mark Dumont

6.

Loss of the ER stress sensor protein, BiP, in hyperoxia does not activate the ER stress response

Jennifer S. Gewandter, Min Yee and Michael A. O'Reilly

7.

Molecular mechanics analysis of minimum energy RNA conformational dynamics pathways

Keith P. Van Nostrand, Scott D. Kennedy, David H. Mathews

8.

Regulators of mitochondrial morphology affect intracellular pH

David Johnson and Keith Nehrke

9.

Different sensitivities to oxygen of the major reactive oxygen species generating sites in the mitochondrial electron transport chain

David L. Hoffman, Paul S. Brookes

10.

N-terminal acetylation of eukaryotic proteins

B. Polevoda and F. Sherman

11. **CG7172 as a putative tumor suppressor gene**
Su Jun Lim