

## **WCBSURC 2007 Morning seminar sessions**

### **Session B - MOLECULAR BIOLOGY (STR 246)**

**Chair: Dr. Michael Danciger, Loyola Marymount University**

**S6(10:00am)** SEARCHING FOR GENETIC MARKERS IN EVERY MACRONUCLEAR CHROMOSOME IN TETRAHYMENA THERMOPHILA. Sevewandi De Silva\*, Jenna Wiley, and Chad Jalandoni (Eileen Hamilton and Eduardo Orias), Dept. of MCD Biology, University of California, Santa Barbara, CA 93106.

**S7 (10:15am)** IDENTIFYING MICRONUCLEAR-LIMITED DNA ASSEMBLIES IN THE TETRAHYMENA GENOME SEQUENCE. Tai L. Lee (Eduardo Orias and Eileen Hamilton), Dept. of MCD Biology, University of California, Santa Barbara, CA 93106.

**S8 (10:30am)** CONTIG FINISHING AND ASSEMBLY OF *D. MOJAVENSIS* FOSMID CLONES IN A DISTRIBUTED GENOMICS RESEARCH PROJECT. N. Yu\*. (Dr. Gary Kuleck), Loyola Marymount University, Biology Dept., 1 LMU Drive, Los Angeles, CA 90045.

**S9 (10:45am)** FORWARD GENETICS IN *TETRAHYMENA THERMOPHILA*: USE OF THE GENOME SEQUENCE TO IDENTIFY CLASSICAL DRUG RESISTANCE GENES. Andrew Findlay\* (Eileen Hamilton and Eduardo Orias). Department of Molecular Cellular and Developmental Biology, University California, Santa Barbara, CA 93106.

**S10 (11.00am)** MATHEMATICAL MODELING OF THE TRANSCRIPTIONAL NETWORK CONTROLLING THE ENVIRONMENTAL STRESS RESPONSE IN *SACCHAROMYCES CEREVISIAE*. Nathan C. Wanner\* (Erika Camacho and Kam D. Dahlquist), Loyola Marymount University, Department of Mathematics and Department of Biology, 1 LMU Drive, Los Angeles, CA 90045.

**S (11:15am)** ACTR1 EXPRESSION PROFILE IN THE DEVELOPING MURINE SPINE IS CONSISTENT WITH OBSERVED PHENOTYPE OF ACTR1 CONDITIONAL KNOCKOUTS. Elena Bibikova\* (Robert Pogue and Karen Lyons), University of California, Los Angeles, Dept. of Molecular, Cell, and Developmental Biology, 675 Charles E. Young Dr., Rm. 2641 MRL, Los Angeles, CA 90095.