

North East Mobile Genetic Element Meeting - 2007

Swope Center, Meigs Room

MBL - Woods Hole, MA

April 13-15, 2007

Sponsors - Epicentre Technologies, Inc
NewEngland Biolabs

Friday, April 13

Registration: 2 to 6 PM at the Swope reception desk

5 - 6 PM - Mixer, 2nd floor lobby, Swope

6 - 7:30 PM - Dinner, Swope dining room

7:40 - 10 PM - Talks in Meigs Room, Swope

7:40 PM - Welcome - Bill Reznikoff

7:50 PM - Matthew Meselson, "Sexual reproduction as a source of selection against parasitic TEs and parasitic TEs as a factor maintaining sexual reproduction"

8:30 PM - Paul Roy, "Mobility of integrons, gene cassettes and group II introns"

9:10 PM - Keith Slotkin, "The developmental control of transposable element activity"

Saturday, April 14

7 - 8:30 AM - Breakfast

8:45 AM - Rupak Mitra, "Transposition mechanism of PiggyBac transposable element"

9:25 AM - Colin Coros, "Retromobility of the *L. lactis* L1LtrB group II intron is influenced by host factors that regulate global gene expression and RNA metabolism"

10:05 AM - coffee break

10:30 AM - Arthur Beauregard, "Retrotransposition of the L1LtrB group II intron is functionally linked to DNA replication in *L. lactis*"

11:10 AM - Patrick Maxwell, "Retrosequence formation as a potential cause of chromosomal rearrangements in yeast lacking telomerase"

11:50 AM - short talks

12 AM to 1:30 PM - Lunch

1:30 to 3:30 PM - free time

3:30 to 6:00 PM - posters

5:00 to 6:00 PM - mixer

6 - 7:30 PM - Dinner, Swope dining room

7:30 PM - Seth Bordenstein, "Tritrophic interactions: Bacteriophage in *Wolbachia* endosymbionts of invertebrates"

8:10 PM - Agata Czyz, "The role of 5'phosphate in the Tn5 transposase mediated strand transfer"

8:50 PM - Richard Gradman, "Analysis of a bi-functional DNA binding domain in Tn5 transposase"

Sunday, April 15

7 - 8:30 AM - Breakfast

8:45 AM - Andrew Shedlock, "BAC-enabled investigation of CR1 LINE diversity in reptiles and implications for the evolution of genome structure in amniotes"

9:25 AM - Michael Evgen'ev, "Molecular dissection of *Penelope* transposable element regulatory machinery"

10:05 AM - coffee break

10:30 AM - Eugene Gladyshev, "Structure and genomic environment of retrovirus-like elements in bdelloid rotifers"

11:10 AM - Irina Arkhipova, "Telomere-associated, endonuclease-deficient *Penelope*-like retroelements from diverse eukaryotes"

12 to 1:30 PM - Lunch