

North East Mobile Genetic Element Meeting – 2009

Swope Center, Meigs Room

MBL – Woods Hole, MA

September 2-4, 2009

Sponsors: Epicentre Technologies, Inc

New England Biolabs

Wednesday, September 2

Registration: 2 to 6 pm at the Swope Center reception desk

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

6 – 7 PM – Dinner, Swope dining room

7 – 9 PM – Talks in Meigs Room, Swope

7 PM – Welcome – Bill Reznikoff

7:05 PM – Marlene Belfort, “Group II intron dispersal and evolution”

8 PM – Joan Curcio, “What doesn’t kill you makes you stronger: 5’-to-3’ mRNA decay promotes the replication of Ty1 retrotransposons”

8:40 PM – Emiko Matsuda, “Posttranslational interference of Ty1 retrotransposition by *cis*-encoded antisense RNAs”

Thursday, September 3

7:30 – 8:45 AM – Breakfast

9 AM – Jeff Gardner, “CTnDOT Integrase: An Unconventional Tyrosine Recombinase”

10 AM – Andrew Shedlock, “Transposable element dynamics in squamates: a glimpse through the *Anolis* lizard genome assembly”

10:30 AM – Coffee break

11 AM – Eugene Gladyshev, “Non-LTR retrotransposons in the bdelloid rotifer *Adineta vaga*”

11:30 AM – Li-Jun Ma, “Transposons in fungal genomes and their impact on genome evolution”

12 – 1 PM – Lunch

1 PM – 3:30 PM – Free time

3:30 – 6 PM – Posters

5 – 6 PM – Mixer, Meigs room

6 PM – 7 PM – Dinner

7 – 9 PM – Talks in Meigs Room, Swope

7 PM – Frederic Bushman, “Retroviral DNA integration: mechanism and consequences”

8 PM – Abigail Salyers, “Tetracycline regulated transfer of the *Bacteroides* conjugative transposon CTnDOT”

8:30 PM – Irina Arkhipova, “Reverse transcriptases of retroelements: an evolutionary perspective”

Friday, September 4

7:30 – 8:45 AM – Breakfast

9 AM – Zaoping Li, “Transposition into replicating DNA occurs through interaction with the processivity factor”

9:30 AM – Lydia Contreras, “How intracellular synthesis of the *Lactococcus lactis* group II intron affects the move”

10 AM – Seyeun Kim, “Structure-function analysis of IntDOT”

10:30 AM – Box lunches available to go

11:30 AM – 1 PM – Lunch