

10th Annual Boston Area Drosophila (BAD) Meeting

Friday June 5th

Mass General Brigham, 399 Revolution Drive, Somerville, MA 02145

8:30am

Check in

Poster presenters: please mount your posters

Session 1 Moderator: Alexey Veraksa

9:30am

Ying Liu

Harvard Medical School

A Cytokine-Lipid Axis in Cancer Cachexia

9:45

Neta Marmor-Kollet

Brandeis University

Circuit-Specific Post-Transcriptional Regulation Uncouples Circadian Pacing from Sleep Homeostasis via Developmental Wiring

10:00

Komal Suthar

Umass Chan Medical School

Calcium signaling regulates apoptosis-induced proliferation in Drosophila

10:15

Chen Zhang

Harvard Medical School

Glial Presenilin Supports Neuronal Survival in the Aging Drosophila Brain

10:30am

Coffee/Tea/Snacks

Session 2 Moderator: Stephanie Mohr

11:00am

Ten Harder

Boston University

Investigating the Roles of Schizophrenia Associated Genes on Synaptic Dysfunction During Development

11:15

Sherilyn Grill

MIT

Nanos Protects the Totipotent Potential of Germ Cells

11:30

Alex Dyson

Mass General Brigham

Identification of novel NF1 disease mechanisms using *Drosophila*

Lightning Talks

11:45

Diego Borges-Rivera

Clark University

The graphical structure of the Antennapedia complex

11:52

Ankit Sharma

Brandeis University

Time of Day dependent memory formation: Mushroom body tale

12:00pm

Dan Koskas

Boston College

Motor Protein Dependent Nuclear Number and Spacing in Subperineurial Glial Cells

12:08

Amelie Raz

MIT

Transcription factor Ovo orchestrates an inducible piRNA response during episodes of transposon threat in the male germline

12:15 pm Lunch

1:00 pm Poster session

Session 3 Moderators: Torrey Mandigo/Jim Walker

2:00pm

Alexander Bates

Harvard Medical School

The BANC: a central nervous system connectome for the fly

2:15

Christian Arntsen

University of Vermont

Connectomic analysis of amino acid gustation reveals key sensorimotor circuit structures

2:30

Altar Sorkac

Brown University

Convergent olfactory circuits for courtship in *Drosophila* revealed by ds-Tango

2:45

Heena Khurana

UMass Boston

A novel role of a visual signaling complex in the development and stabilization of the light-sensing compartments

Lightning Talks

3:00

Gunjan Singh

Brown University

Chromatin-linked repression shapes developmental synaptic gene expression and synapse formation

3:08

David Kotlikoff

Brandeis University

New tools for comparative neuroanatomy across Diptera

3:15

Swastik Mukherjee

UMass Boston

CG14767: a novel regulator of the Hippo/Yki tumor suppressor pathway

3:22

Sara Martin

Tufts University

Genotoxic and genome protective roles of RNASE H2 during *Drosophila* embryogenesis

3:30 pm

Break – Refreshments

3:45 pm

Keynote Address: **Dr. Troy Littleton**

“Characterization of Synaptic Development and Functional Diversity across *Drosophila* Motoneuron Subtypes”

5:00 pm

Poster and Talk Awards