



**Boston Area *Drosophila* Meeting 2018**  
**Wednesday, June 6**  
**Harvard Medical School**  
**NRB (77 Avenue Louis Pasteur, Boston), Room 350**



9:30-9:45 am	NKT is required in the mushroom body for night sleep regulation. Lauren Crowe, R. Jackson lab, Tufts University
9:45-10:00 am	Does the fly larva get hungry? How internal state affects olfactory preference. Katrin Vogt, A. Samuel lab, Harvard University
10:00-10:15 am	Kinetochore proteins have a post-mitotic function in <i>Drosophila</i> neurodevelopment. Guoli Zhao, T. Schwarz lab, Children's Hospital/HMS
10:15-10:30 am	Isoform-selective genome editing revealed expression and nociceptive function of <i>Drosophila</i> TrpA1 channel. Yang Xiang, UMass Medical School
10:30-10:45 am	Mapping neural circuits for alcohol reward in <i>Drosophila</i> . Kristin Scaplen, K. Kaun lab, Brown University
10:45-11:00 am	Plasma membrane localization of apoptotic caspases for non-apoptotic functions. Alla Amcheslavsky, A. Bergmann lab, UMass Medical School
11:00-11:15 am	Mispositioned nuclei: Distinct mechanisms drive similar phenotypes. Eric Folker, Boston College
11:15-11:20 am	Lightning talk: Restriction of apoptosis in <i>Drosophila</i> neuroblasts. Katherine Harding, K. White lab, MGH/HMS
11:20-11:25 am	Lightning talk: The role of Hippo signaling in epithelial cell fate determination. Heya Zhao, A. Veraksa lab, UMass Boston
11:25-11:30 am	Lightning talk: Gene expression analysis in the developing ovary. Shreeharsha Tarikere, C. Extavour lab, Harvard University
11:30 am-1:00 pm	LUNCH
1:00-1:15 pm	Protein-protein interactions that modulate Polycomb function. Hyuckjoon Kang, M. Kuroda lab, HMS
1:15-1:30 pm	Mechanotransduction via the LINC complex regulates DNA replication and chromosome organization in myonuclei. Shuoshuo Wang, T. Lionnet lab, NYU
1:30-1:45 pm	BAD romance: enrichment of a fly dosage compensation GAGA motif in the human X chromosome. Edridge D'Souza, M. Markstein lab, UMass Amherst
1:45-2:00 pm	FlyBase 2018: new look, new features. Gil dos Santos, FlyBase, Harvard University
2:00-2:15 pm	Regulation of endosomal microautophagy by cellular stress in <i>Drosophila</i> . Ana Mesquita, A. Jenny lab, Albert Einstein College of Medicine
2:15-2:30 pm	Disco modulates apoptosis and hyperplasia downstream of the Notch-JNK signaling axis. Diana Ho, S. Artavanis-Tsakonas lab, HMS
2:30-2:45 pm	Proteomics of protein trafficking by in vivo tissue-specific labeling. Iliia Droujinine, N. Perrimon lab, HMS
2:45-2:50 pm	Lightning talk: Trans inter-homolog pairing in haplotype-resolved genomes. Jelena Erceg, T. Wu lab, HMS
2:50-2:55 pm	Lightning talk: Probabilistic Modeling of <i>Drosophila</i> Sleep Reveals Mechanisms Regulating Sleep Duration and Structure. Timothy Wiggin, L. Griffith lab, Brandeis University
2:55-3:00 pm	Lightning talk: TRiP CRISPR fly stock update. J. Zirin, DRSC/TRiP-FGR, HMS
3:00-3:30 pm	BREAK
3:30-5:00 pm	KEYNOTE ADDRESS: Michael Rosbash, Brandeis University. Introduction by Stephanie Mohr, HMS

Meeting website: <https://projects.iq.harvard.edu/boston-area-drosophila-meeting-2018>  
Please use this email address: [BostonFlyMeeting@gmail.com](mailto:BostonFlyMeeting@gmail.com) for correspondence.

**Program notes:**

Due to a high demand, we were not able to accommodate every single talk, but we maximized the number of presenting labs by keeping the number of talks per lab to one. Full-length talks will be 15 min total (suggested talk length 12 min, followed by 3 min of questions). Lightning talks will be 5 min long and can only have 3 slides maximum. (Presenters: please note the final format for your talks, as it might be different from the one you requested.)

**Lunch discussions:**

During lunch, we will have four tables reserved for people who would like to participate in focused discussions on the following topics:

- Cell death/apoptosis
- Neurobiology
- Chromatin/DNA repair
- Tools/Techniques/Disease models

**Getting to the event:**

The BAD meeting will take place in the New Research Building (NRB), which has the street address 77 Avenue Louis Pasteur, Boston, MA 02115. The nearest T station (subway) is the Longwood Medical Area stop on the Green line E train. There are also nearby bus stops and alternative green line stops within walking distance. Harvard ID holders can take the M2 shuttle.

The NRB is a big blue-glass building, directly across from the traditional brick Boston Latin High School building. The main entrance is on the right-hand side as you're facing the building. When you enter, go up the steps to the first floor, keeping the cafeteria to your left, and look for the security desk on the right. Folks without Harvard ID (or without NRB tower access) will need to check in at the security desk, which is on the first floor (main entrance is on the ground floor). Then take the stairs or elevators to the 3rd floor and follow signs to room 350.

We encourage you to take public transportation or share a ride. We have limited parking available. Folks who are either coming from outside the range of public transport or bringing several registered participants should contact Cathryn King to arrange parking. [Cathryn\\_King@hms.harvard.edu](mailto:Cathryn_King@hms.harvard.edu) Additional parking is available nearby, such as at the Landmark Center/Regal Cinema on Park Drive (hourly fees apply).

We look forward to a day of stimulating talks and discussions!

Organizers: Alexey Veraksa, Jim Walker, and Stephanie Mohr