



Wednesday, March 7, 2018

LSC 3 | 12:00 - 1:00PM

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“Sex differences in *Drosophila triglyceride homeostasis*”

In most animals, females store higher levels of fat than males. Sex hormones are an important determinant of sex differences in fat storage; however, the downstream metabolic effectors of increased female fat storage remain unclear. We use the fruit fly, *Drosophila melanogaster*, to identify metabolic genes that control sex differences in fat storage. Our work has identified a novel sex-specific role for brummer, the *Drosophila* homolog of adipose triglyceride lipase (ATGL), in promoting increased fat storage in females.

Live Online Seminar Viewing:
<http://tinyurl.com/cbrseminaronline>