Conferences

Students' Union Undergraduate Research Symposium

2013-11

Effects of Heat and Cold Shock on Drosophila larval growth and metabolism

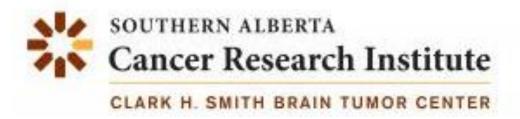
Samantray, Sikta

Samantray, S., Ghosh, A., Grewal, S. "Effects of Heat and Cold Shock on Drosophila larval growth and metabolism". 8th Annual Students' Union Undergraduate Research Symposium, November 28, 2013. University of Calgary, Calgary, AB. http://hdl.handle.net/1880/49918 Downloaded from PRISM Repository, University of Calgary

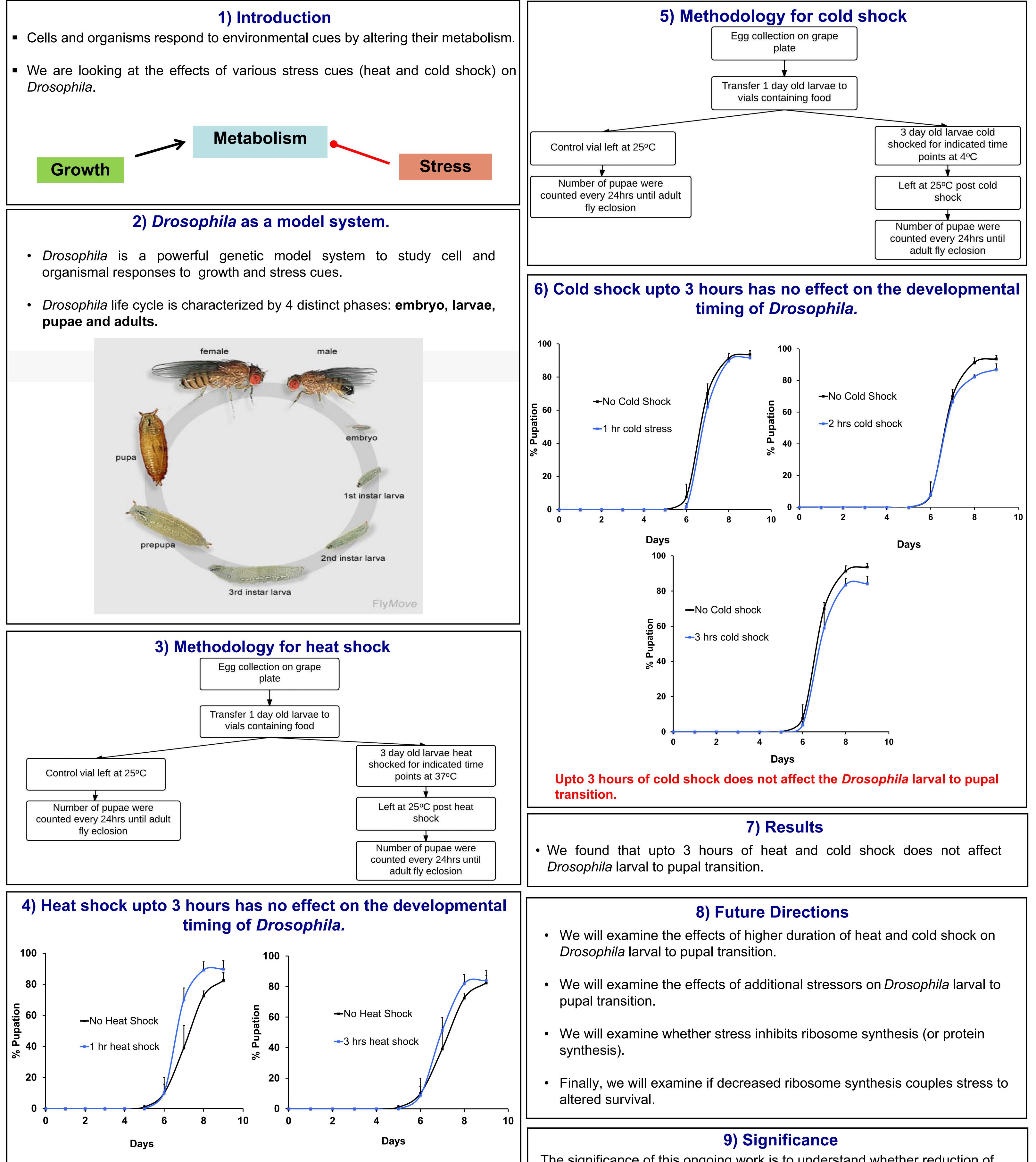


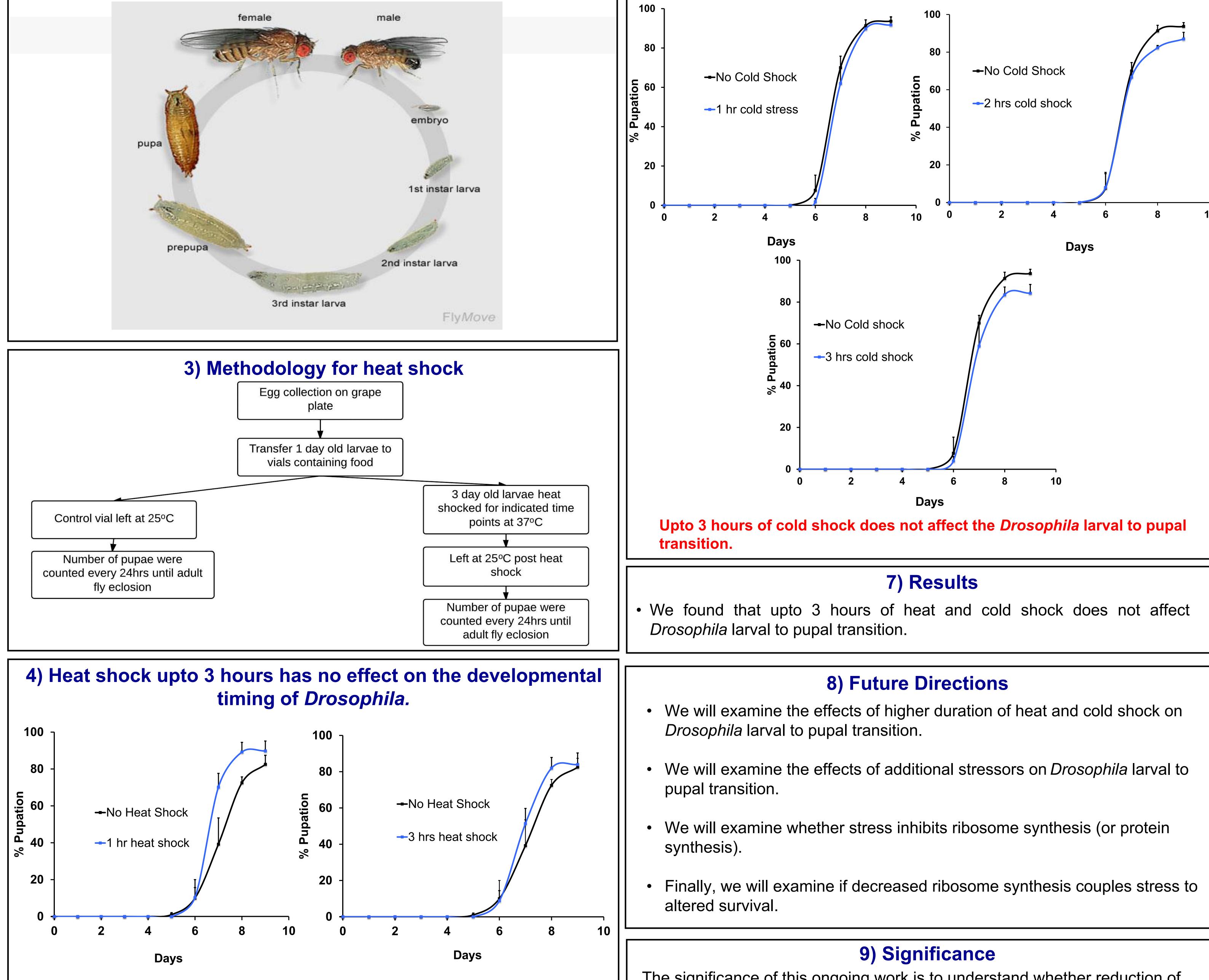
Effects of Heat and Cold Shock on Drosophila larval growth and metabolism.

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Upto 3 hours of heat shock does not affect the Drosophila larval to pupal transition.

The significance of this ongoing work is to understand whether reduction of ribosome synthesis (and hence, protein synthesis) is a mechanism to couple stress to altered metabolism.