

Funding Publications and Presentations, PRF, Stark
1st of 3 annual reports, Submitted September, 2011, at the time of grant closure

Funding

Intramural Beaumont

"Molecular genetic dissection of GGA, a protein essential for targeting vesicular transport" SLU Beaumont fund \$4954 July 1, 2011 - June 30, 2012

Graduate assistantship

When Shan Luan changed PhD mentors to me on Feb 10, 2011, the research program assumed a graduate assistantship. While she had a TA with teaching duties Spring 2010, she and I worked hard to earn her an RA for the 2010-11 academic year. Her efforts were dedicated to this project and she spends most of her time in Prof Eissenberg's lab. Although back on a TA Fall 2011, she still has plenty of time for research devoted to this continuing project.

Sabbatical

Salary for research leave Spring semester 2011

External

An NSF grant proposal with JC Eissenberg as PI and myself as co-PI is planned

Work study

Federal work study and the Biology Department helped to support undergraduate research assistant Imran Shaikh

Publications

Refereed

JCEissenberg, AMilvarsonn, WSSly, AWaheed, RPohlmann, DWaschkau, DKretschmar and ACDennes, Drosophila GGA-model: an ultimate gateway to GGA analysis, in press September 2011, Traffic. (*Although it was originally planned that I would be co-author, I thought that moving myself to the acknowledgements was the only ethical action since the paper had none of my data; also, since the paper contradicted my findings, I did not feel it was appropriate to endorse the paper with my authorship.*)

Research notes

(1) Denny, G., Stark, W. S. Vitamin A deprivation does not decrease fluorescence of ARF72-RFP, a label for Golgi apparatus, in Drosophila visual receptors. Drosophila Information Service, 2009, 92: 117-119.

<http://www.ou.edu/journals/dis/DIS92/Denny%20117.pdf>

(2) Selimovic, A., Denny, G. Stark, W. S. Room light decreases rhodopsin in Drosophila rhabdomeres. Drosophila Information Service, 2010, 93,1-2

<http://www.ou.edu/journals/dis/DIS93/Selimovic%201.pdf>

Presentations

(1) Eissenberg, J. C., Ilvarson, A. M, Stark, W. S., Pohlmann, R., Sly, W. S., Waheed, A., and Dennes, A. C. The sorting adaptor GGA in *D. melanogaster* is essential and required for normal lysosome function. 51st Drosophila research conference, Washington DC, 2010

(2) <http://starklab.slu.edu/JCE/DennyPoster.pdf>

GDenny and WSStark "Timeline of rhodopsin trafficking within *Drosophila* retinula cells and GGA knockdown's effect upon it" *Poster earning George second place in Biology's Keath research award 2010 and presented at the Senior Legacy Symposium*

(3) WSStark "Rhodopsin traffic in *Drosophila* visual cells," Biology Department Seminar, September 10, 2010

Slides: <http://starklab.slu.edu/JCE/Seminar2010B.pdf>

Audio recording: <http://starklab.slu.edu/Seminar2010.m4a>