Curriculum Vitae

David Angeles-Albores

Specialties in genetics and transcriptomics of *C. elegans*

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Education

2013-2019 (expected)
PhD, Biochemistry and Molecular Biophysics; Caltech.

Thesis Mentor: Paul W. Sternberg

2009-2013
BA, *cum laude*, **Molecular and Computational Biology**; Cornell University

Presentations

2017.

- **Oral Presentation**, *Introduction to the WormBase Enrichment Suite*, Worm
- Poster presentation, *A framework for automated RNA-seq analysis*, Worm
- Poster Presentation, *Epistasis analysis using RNA-seq*, Worm
- Poster Presentation, *Transcriptomes as phenotypes: synMuvs as a case study*, Worm

2016.

- Poster Presentation, *Complete Reconstruction of a Genetic Pathway in a Metazoan Using RNA-seq*, ASCB

Teaching Activities

- Teaching Assistant, Bi190, Systems Genetics. Spring 2017
- Teaching Assistant. Bi1, Introduction to Biology. Spring 2016
- Teaching Assistant. Be/Bi101, Order of Magnitude Biology. Spring 2015
- Teaching Assistant. Ch 7, Advanced Experimental Methods in Bioorganic Chemistry. Winter 2014.

Research Articles

Superscript † indicates equal contributions.

1. **Angeles-Albores, D.**[†], Puckett Robinson, C.[†], Williams B. A., Wold B. J., & Sternberg P. W. Reconstructing a metazoan genetic pathway with transcriptome-wide epistasis measurements. *bioRxiv*, (2017).
2. **Angeles-Albores, D.**[†], Leighton, D. H. W.[†], Tsou T., Khaw T. H., Antoshechkin I., & Sternberg P. W. Transcriptomic Description of an Endogenous Female State in *C. elegans*. *bioRxiv*, (2017).

3. **Angeles-Albores, D.**, Raymond Y. N. Lee, Chan J., & Sternberg P. W. Phenotype and gene ontology enrichment as guides for disease modeling in C. elegans. *bioRxiv*, (2017).
4. **Angeles-Albores, D.**, Raymond Y. N. Lee, Chan J., & Sternberg P. W. Tissue enrichment analysis for *C. elegans* genomics. *BMC Bioinformatics*, (2016).

Community Service

- Instructor. *De Planarias y Derivas*, **CdeCMX** with Alejandro Sánchez-Alvarado. Summer 2016
- Instructor, *De Genes y Animales*, **CdeCMX**.