



Malaria in the
classroom: from
life cycle to
hands-on
bioinformatics

The goal of this free Genomics for Teachers workshop is to share activities that can be used in the classroom. In this workshop Dr. Omar Harb, Education and Scientific Outreach manager for the Eukaryotic Pathogen Databases at the University of Pennsylvania, will provide:

- a) an introduction to the Eukaryotic Pathogen Bioinformatic Resource (<http://eupathdb.org>).
- b) an introduction to various parasites that cause disease in humans touching on phylogenetic relationships.
- c) an introduction to *Plasmodium falciparum* (life cycle, genome, disease), the causative agent of malaria.
- d) hands-on training using the *Plasmodium* genomic database (<http://plasmoDB.org>).

*Activities will be demonstrated on a big screen, but participants are highly encouraged to **bring a laptop** or tablet having the capacity to connect to wireless, to work through the web-based activities themselves.*

Date: Thursday, May 28, 2015

Time: 4:30 – 5:30 PM

Location: Singh Center for Nanotechnology, Room 313
University of Pennsylvania, 3205 Walnut Street, Philadelphia, PA 19104

Sign up: https://www.surveymonkey.com/s/May2015_teachersworkshop

Act 48 Credit available for School District of Philadelphia teachers

(http://www.phila.k12.pa.us/offices/act48/pd_planner/). If the workshop is not listed yet, please keep checking back on the SDP PD planner.

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