

Fall 2016 PMCB JOURNAL COLLOQUIUM TOPICS

1. PCB 7922 Professional Development in Plant Molecular and Cellular Biology

This course will feature presentations by the instructor and several invited speakers on professional development topics such as grantsmanship, funding opportunities, alternative science careers, intellectual property, entrepreneurship, leadership, and written and oral communication skills. Graduate students will gain information, insights and skills, which can be used in their graduate and professional careers. As a seminar course, the class is designed to give each student an opportunity to discuss and exchange ideas with speakers. Students are expected to fully engage in discussions and come prepared with questions. Students are also expected to make a 3MT[®] style presentation at the end of the semester.

INSTRUCTORS: Matias Kirst and invited speakers

COURSE COORDINATOR: Eliana Kampf

REGULAR MEETING TIME: Wednesdays, period 6 (12:50 to 1:40 p.m.), 2318 Fifield Hall.

note: we will have class on September 22, Thursday, period 6 instead of September 21.

CLASS SIZE LIMIT: 14 students

REGISTRATION: Departmentally controlled, request registration with elianak@ufl.edu

CLASS SYLLABUS: [click here](#)

2. PCB 7922 Frontiers in Plant Biotechnology

This colloquium is the in-class paper discussion of the 3-credit PLP 6636 Frontiers in Plant Biotechnology course offered by the Plant Pathology Department. Students will have the opportunity to improve the understanding of fundamental plant biotechnology concepts by reviewing and discussing a research paper. Topics will range from small non-coding RNAs and their role in plant immunity along with RNA interference (RNAi)-based approaches in plant bioengineering, novel systems for targeted gene editing (such as CRISPR/Cas9 and others), strategies for precise regulation of gene expression in plants, multigene engineering, and the use of plant pathogens as materials for nanotechnology.

INSTRUCTORS: Svetlana Folimonova

REGULAR MEETING TIME: Thursdays, **period 3 (9:35-10:25 AM)** ~~period 4 (10:40—11:30 a.m.)~~, 2306 Fifield Hall

CLASS SIZE LIMIT: 14 students

REGISTRATION: Departmentally controlled, request registration with Jessica Ulloa (julloa@ufl.edu)

CLASS SYLLABUS: [click here](#)