



PMCB Journal Colloquium Topics - Spring 2021

Course Registration for both topics:

Departmentally controlled, request registration with Eliana Kampf at elianak@ufl.edu

1. [PCB 7922 Stress and Development](#) (1 credit)

As sessile organisms, plants are confronted with a variety of stresses and have evolved mechanisms to adapt to unfavorable environmental conditions. Plant stress responses often affect plant growth and development. Understanding the stress signaling, plant tolerance mechanism, and its impact on plant development is not only crucial for basic research, but also important for crop yield. This journal colloquium aims to expand our understanding of the plant stress response and its impact on plant growth/development based on the current literature. Students will have opportunities to present and discuss exciting articles related to plant stress responses and its impact on growth and development. Each week, one to three students will present an article and the class will read and discuss it. Discussions are expected to be done without heavy reliance on images or slides.

Instructor

Dr. Jeongim Kim, Assistant Professor, Horticultural Sciences, jkim6@ufl.edu

Teaching Assistants

Veronica Perez, Ph.D. candidate, PMCB, vcp5827@ufl.edu

Jesus Preciado, Ph.D. candidate, PMCB, jesus.preciado@ufl.edu

Meeting Time and Mode of Delivery

This course will be delivered synchronously online via Zoom on Tuesdays, Period 9, 4:05-4:55pm. The Zoom meeting identification and password will be available through the course Canvas site at <https://elearning.ufl.edu>.

For course syllabus click [HERE](#)

2. [PCB 7922 Bioinformatic Technologies](#) (1 credit)

Extensive and well-developed bioinformatics tools are revolutionizing the study of plant biology. The goal of this journal club is to discuss current literature on bioinformatic technologies. The course will focus on high-throughput bioinformatics and genome data analysis.

Upon completion of this journal club, students will be able to:

- Explain bioinformatic technologies used in the plant community.
- Evaluate journal articles.
- Lead discussion and develop discourse with colleagues.

Instructor

Dr. Tong Geon Lee, Assistant Professor, Horticultural Sciences, tonggeonlee@ufl.edu

Teaching Assistant

Prashant Bhandari, Ph.D. candidate, Horticultural Sciences, prashantbhandari@ufl.edu

Meeting Time and Mode of Delivery

This class will be held online (Zoom) on Thursdays, Period 9, 4:05-4:55pm. The Zoom meeting identification and password will be available through the course Canvas site at <https://elearning.ufl.edu>.

For course syllabus click [HERE](#)