

Correct course description: This lecture/seminar will review the literature related to a particular topic in plant developmental genetics. Additionally, participants will be familiarized with the advantages and pitfalls of molecular techniques, and the process of project design.

We will meet on **Thursdays 9-11am in BL 2062.**

This year in OEB 268r we will be reviewing primary literature related to the ABC model of floral organ identity. The ABC model is now 30 years old, so it seems like a good time to review both classic and recent literature related to this key genetic program, which laid the foundation for pretty much all studies of plant molecular development.

The goals of this course are:

- To review the significant primary literature on floral organ identity determination.
- To familiarize students with a wide range of molecular techniques and their pitfalls.
- To help students acquire the ability to critically evaluate primary literature in molecular genetics.
- To use those skills to write a short literature review on a topic of your choosing.

Course Requirements:

- Attend weekly meetings.
- Come prepared to discuss the reading in detail. We will be reading 2-3 papers per week, which will all be posted to the website very soon.
- Participate in discussion and ask questions!
- Hand in written assignments in a timely manner.

Grading:

- 70% Preparation and participation.
- 30% Review paper.

Elena's info:

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