

IBIOL Seminar Series



29th April 2026



12:15-13:30 PM



ROOM F200

Come for cool science,
stay for cookies and
coffee!



Ambre Dalle

The role and mechanisms of polar localization of proteins during phloem development in Arabidopsis

My PhD project concerns the model plant *Arabidopsis thaliana* and we are focus specifically on the phloem, which transports a wide range of compounds essential for plant life. We are investigating some protein components required for phloem development, as well as the role of callose in this tissue. For this, we mainly use techniques from molecular biology, confocal microscopy and phenotyping.

TALK n°1



Lena Hyvärinen

Greening in Plant Embryos: Beneficial, Neutral or Detrimental?

Green plants have the superpower to transform inorganic compounds into organic matter through a biochemical reaction known as photosynthesis. This process mainly occurs in leaves. However, some non-leaf tissues, such as green tomato fruits and wheat ears, are also photosynthetic, and their sugar production contributes to plant yield. Interestingly, in some species, the seed embryo becomes green during development and is considered capable of photosynthesis. What role does this greening play in seed development and post-embryonic growth? In this talk, I will present a genetic approach and preliminary data to assess whether embryonic greening is beneficial, neutral, or detrimental.

TALK n°2



Sarah Brocard

Is the SOV order truly universal? A comparative approach

Is there a universal word order in language? Many researchers have argued that Subject-Object-Verb (SOV) is the default, reflecting how we perceive events. But most of this evidence comes from studies of subject-first languages, raising the possibility that the conclusion is biased from the start. In this talk, I take a different angle. Instead of looking only at humans, I turn to our closest living relatives: the great apes. By examining how they respond to events, we can test whether SOV order really reflects a deeper cognitive default.

TALK n°3