

IBIOL SEMINAR SERIES



30 APRIL 2025



12:15–13:30 PM



ROOM F-100



Leon-Samuel
Icking

**Oh-Geez! Pectin Digestion and Its
Role in Plant Vascular Tissue
Development**

The phloem transports essential molecules from source to sink tissues. If impaired, plant growth halts at the seedling stage. PLL12 is critical for phloem function in Arabidopsis, though how this pectate lyase affects its development remains unknown. We want to identify how and where the oligogalacturonides (OGs) produced by PLL12 are recognised and pinpoint the pathway effecting phloem development.



Disha Tandon

**Biodiversity data: a jigsaw
puzzle**

I am developing a knowledge graph (KG) for biodiversity data, collating information from various resources. Ultimately, the goal is make this KG available to researchers and public alike to investigate questions important for biodiversity conservation.



Maria Granell-Ruiz

**Spit Happens: Developing a Non-
Invasive Protocol for Saliva
Collection and Hormone
Quantification in Wild Vervet
Monkeys**

Understanding physiological processes in wild animal populations requires methods that minimise behavioural disturbance. In this presentation, I will introduce a saliva sampling protocol for wild vervet monkeys, discuss hormone quantification success, and present preliminary findings on variations in cortisol linked to sex, rank, time of day, and predator presence.

**COME FOR COOL SCIENCE,
STAY FOR COFFEE AND COOKIES!**