Université de Neuchâtel
Institut de biologie

IBIOL

EXTERNAL SEMINAR

12 November 2026

12:15-13:15

ROOM F200



Thomas Auer

University of Fribourg

Evolution of chemosensory systems in Drosophilids

What makes something delicious to one animal and disgusting to another? Our research explores how chemosensory systems evolve to create new food preferences. By comparing specialist and generalist fruit flies and using genetics, functional brain imaging, and quantitative behavioural assays, we trace how changes in neural circuits give rise to novel behaviours.