



**Mardi 7 novembre 2023, 11:00**

Grande salle + visioconférence

## **DIVERSIFICATION OF PIGMENTATION PATTERNS AMONG *DROSOPHILA* SPECIES**

par  
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- To understand how species diversify, my work finds its roots in classical natural sciences and extends to the molecular mechanisms producing diversity.
- First, through taxonomic work with beetles and flies, I survey patterns of trait diversification.
- Second, my research group revisits the origin of diversity described by naturalists, leaning on genetics, genomics, quantitative biology and mathematical modelling. Using divergent species of *Drosophila*, we examine how transcriptional enhancers emerge and diversify to tune pigmentation patterns on fly wings over evolutionary time.

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