

MENTORING & CAREER TRACK SCHEME SEMINARS

“Building a Career in Science: Paths, Challenges, and Alternatives”



MONDAY
28/4/2025

12:00–13:00
seminar Room 1



Nikolaos Konstantinidis

PhD, Group leader of
the Comparative
Developmental
Neurobiology team,
Institut Jacques
Monod in Paris, France

I am a **group leader** at the Institut Jacques Monod in Paris, France. I started my group three years ago and our research is focused on the **evolution of neurodevelopmental mechanisms**, in an effort to understand how the impressive neuronal diversity is generated over the days or weeks of embryonic development and how these developmental mechanisms have evolved over the millions of years of animal evolution. I obtained my PhD from the Institute of Molecular Biology and Biotechnology in Crete. I studied the **evolution of regenerative capacity** using appendage regeneration as a model the **appendage regeneration** of an amphipod crustacean, *Parhyale hawaiiensis*. I got excited by neurobiology during my postdoctoral studies in the lab of Claude Desplan at the New York University, where I studied the patterning mechanisms that specify neuronal types in *Drosophila melanogaster* and how neurons acquire their terminal molecular, physiological, and morphological characteristics once they are specified.

