



Translational Research in Inflammation

U1286

Directeur : Laurent DUBUQUOY

## MASTER-2 internship (2024-2025) with INFINITE U1286 Laboratory in Lille

### Offer

A Master-2 internship in cellular biology and physiology is currently open in the INFINITE U1286 Inserm | University of Lille | Lille University Hospital in Lille. We seek highly motivated, self-driven and creative individuals with strong organizational, writing, and communication skills. The selected candidate will work on the role of a specific class of RNA-Binding proteins involved in the regulation of mRNA stability and translation in the development of metabolic dysfunction-associated steatotic liver disease (MASLD) and hepatocellular carcinoma.

### Work environment

INFINITE is a unified institute devoted to the study of inflammation, from its origins to its consequences. Digestive and systemic inflammatory diseases are used as models to assess the origin of inflammation, its pathophysiology, and its consequences (fibrosis, impaired regeneration). New drugs, therapeutic strategies, and biomarkers are under development. Each model and each project benefit from INFINITE's complementary, cross-disciplinary skills (complementary medical and scientific skills) to characterize the causes and consequences of chronic inflammation. The close relationship between INFINITE and the CHU/clinical departments allows a high-level translational research, which is INFINITE's hallmark. The program of INFINITE is built on scientific questions organized into four interconnected WorkPackages (WP) exploring the origins of inflammation (environment, microbes) (WP1), the mechanisms of chronic inflammation, impaired regeneration (WP2), fibrosis (WP3), and innovative therapeutic and diagnostic approaches (WP4). The WPs are strongly inter-connected with interactions between environmental factors/microbes, epithelial cells, the mucosal barrier, and the immune system, leading to the development of innovative treatments and diagnostic tools.

### Requirements

- Strong background in cellular, molecular biology and physiology.
- Working with rodents (mice) is mandatory.
- Skills in bioinformatics (databases analyses, R etc) will be appreciated.
- Spoken and written English language skills.

### About the employment

Master-2 fellowship (full time, fix salary) starting in January 2025 for 6 months  
Possibility to pursue in a Ph.D fellowship (Doctoral school "Biologie Santé Lille, EDBSL).

### Contact

Please contact Cyril Sobolewski: [Cyril.sobolewski@univ-lille.fr](mailto:Cyril.sobolewski@univ-lille.fr)

Please submit your application by 31/10/2024, including CV, cover letter and references.