Inserm

Job Offer

Post-doc in Neuroimmunology (ERC-funded project) Immception lab – INFINITY (Toulouse, France)

Job Profile	
CSS	CSS N°7 INSERM
Offer description	The project falls within the thematic scope of the IMMCEPTION team, dedicated to the study of the neural regulation of the immune system and various environmental factors that may impact it, including prenatal stress. It focuses specifically on atopic dermatitis, an inflammation of the skin with a pathophysiology involving both the immune and nervous systems. The candidate will be investigating the impact of prenatal stress on the development and functioning of these two systems, as well as on the associated neuro-immune interactions. The goal is to identify the underlying mechanisms orchestrating these potential disruptions following stress exposure.
Researcher profiles	☐ First-Stage Researcher *(PhD candidate)* ☒ Young Researcher (*with less than 4 years research experience after PhD)* ☒ Established Researcher *(with more than 4 years research experience)* ☐ Senior Researcher
Research Fields (2 max.)	☒ Biological Sciences (immunology) ☐ Chemistry ☐ Computer Science ☐ Engineering ☐ Environmental Science ☐ Ethics in Health Sciences ☐ Medical Sciences ☒ Neurosciences ☐ Pharmacological Sciences ☐ Physics ☐ Technology ☐ Other (specify):
Main Activities	• Animal Experimentation: in vivo models, study of the maternal-fetal interface, and compliance with the 3Rs principle. • Cell culture and other techniques of cellular and molecular biology. • Confocal and biphotonic imaging. • Single-cell RNA-sequencing. • Proficiency in computer tools related to experimental techniques. • Project management.
Associated Activities	• Scientific communication in national and international conferences • Scientific presentation to the team and the institute • Article and grant writing • Student supervision
Specific Requirements or Constraints	• Experience in animal experimentation • Proficiency in flow cytometry, scRNAseq, confocal microscopy and cell culture • Technological and scientific monitoring • Ensuring the quality and relevance of analysis tools and results

	• Coordination and planning of different phases of a research protocol • Analytical thinking and scientific ethics
Skills/Qualifications	• Team work • Methodical rigor • Initiative • Autonomy
Required Experience	☒ 0 to 2 years ☒ 2 to 4 years ☐ 4 to 10 years ☐ >10 years **Fields: Immunology and neurobiology**
Required Education Level or Diploma	• Ph.D. in Immunology • Level 1 in Animal Experimentation (not required)
Required Languages	• English
Hosting Unit	
Code	U1291
Name	Toulouse Institute for Infectious and Inflammatory diseases (INFINITY)
Director	Dr. Nicolas Fazilleau – Dr. Nicolas Gaudenzio Lab (Immception Lab)
Composition	14 teams, 4 technological platforms
Address	CHU Purpan, Place Baylac, BP3028, 31024 Toulouse Cedex 3
Website	**https://www.infinity.inserm.fr/en/research-teams/team-3-n-gaudenzio/**
Contract	
Type	Fixed-Term Contract (CDD)
Duration	2 years (renewable)

Application

Applicants must send a CV and a cover letter to: Nicolas Gaudenzio (nicolas.gaudenzio@inserm.fr)

Deadline for application: End of February 2024