



**Leana
Razaghi**

PhD Student

Neuroglial interactions in Cerebral Physiology and Pathology, Center of Interdisciplinary Research in Biology (CIRB), Collège de France, 11 place Marcelin-Berthelot, Paris, France
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EDUCATION/DIPLOMAS

Université de Paris Cité, France

2022 - 2024 Master – Neuroscience

2024 Faculté de Pharmacie – Regulatory course for project designers
(Concept level for rodents)

2025 e-ThiX education – Initiation to experimental surgery on live animals

University of Sussex, Brighton, England

2019 - 2022 Bachelor – Neuroscience

International School of Brussels, Belgium

2017 - 2019 International Baccalaureate

WORK EXPERIENCE

Collège de France, Université de Paris Sciences et Lettres

2024 - PhD in Neuroscience

Neuroglial interactions in cerebral physiology and pathology
Investigating the role of astrocytes in slow-wave sleep quality

Master 2 internship (6 months)

2024 Institut du Fer à Moulin, Paris

Girardeau Lab

Investigating the role of sleep in emotional memory consolidation in the ventral hippocampus

Master 1 internships (2 months)

2023 Centre for Research in Neuroscience in Lyon, France

Pathology of Vigilance States Team

Optimization of the TRAP2-red murine model to investigate wake-associated orexin neurons

2023 Saint-pères Paris Institute for the Neurosciences, France

Motor Neurons and Neuromuscular Junction Team

Evaluated BGR5 and CUBIC clearing techniques for the spinal cord to enable studies on axonal regeneration upon traumatic spinal cord injury

SCIENTIFIC CONTRIBUTIONS

Presentations and conferences

- Oral communication at the French Sleep Congress on the compartmentalisation of the VLPO
- Ca Fait Science, Qrieux youtube series – ‘Mieux dormir grâce aux astrocytes’ : The role of astrocytes in sleep regulation
- Follow-up Scientific Committee on PhD Advancements (CSI)
- PhD Entrance Examination for ED SdV-PSL 2024
- Attended Federation of European Neuroscience Society congress in Vienna, Austria

Associative activities

- Vice-president of Event Management in the Neuroscience Master and Doctoral Students Association (NMDA)

Responsabilities

- Doctoral assignment for Brain Awareness Week 2025 : Helped organisation the inaugural conference as well as digitalized and analyzed the satisfaction questionnaires

SKILLS

Technical skills

Animal behaviour protocols (stress paradigms, sleep deprivation and rebound)
Animal experimentation in rodents, APAFIS redaction
Confocal microscope, spinning disk confocal microscope, axiozoom, cell discoverer
CUBIC and BRG5 clearing protocols
Freezing microtome, cryostat, vibratome,
Immunohistological staining, intracardial perfusion
Local field potential recording, piezoelectric cage recordings

Computational skills

MatLab, Python, R studio
MS office suite
Mendeley
Graphpad PRISM
FIJI, IMARIS

Communication

Scientific presentations – Design and presentation of oral communications, presenting scientific results