

PhD Position 04 job vacancy

Reference:	PP04
Title:	Extracellular vesicles from TREM2 macrophages in the alterations of skeletal muscle homeostasis in obesity
Hiring institution:	UCBL
Location:	University Claude Bernard Lyon 1, Villeurbanne, France.
Start date:	As from 01 st January 2027
Duration:	36 months
Application deadline:	6 th May 2026

Job description

Objective:	<p>The recruited doctoral candidate will:</p> <ul style="list-style-type: none"> - Perform functional characterization of TREM2⁺ macrophage from obese vs. lean muscle - Characterize the extracellular vesicles from TREM2⁺ macrophages from obese vs. lean muscle (omic analyses) - Perform functional studies on skeletal muscle cells or primary muscle fibers with TREM2⁺ extracellular vesicles from obese vs lean muscle to see how it affects glucose and lipid homeostasis - Perform <i>in vivo</i> studies on mice to determine how TREM2⁺ extracellular vesicles impact muscle regeneration in obese and lean animals.
Supervisors:	<p>Sophie ROME – Sophie.rome@univ-lyon1.fr https://www.linkedin.com/in/sophie-rome-338b24bb/ https://pubmed.ncbi.nlm.nih.gov/?term=sophie+rome&sort=date</p>
Place of work:	<p>CarMeN laboratory, Joined laboratory INSERM-INRAE-University of Lyon Lyon Sud Hospital, Secteur 2, Bat. CENS ELI-2D 165 Chemin du Grand Revoyet, PIERRE-BENITE, FRANCE (https://carmen.univ-lyon1.fr/), metro B (Lyon-Sud)</p>
Required degree	<p>Master's degree or equivalent in immunology, metabolism, physiology (knowledge in muscle physiology would be a plus)</p>
Skills/Experience:	<p>Western-blot, qRT-PCR, isolation of primary macrophages and/or primary muscle stem cells, flow cytometry, immunohistochemistry</p>

Mandatory requirements

Eligibility:	<p>The applicant</p> <ul style="list-style-type: none">- Should not have resided or carried out his/her main activity (work, study) in the country where he/she is being recruited, i.e., France, for more than 12 months in the 3 years before the application call deadline, unless this time was part of a compulsory national service or a procedure for obtaining refugee status under the Geneva Convention.- Must be a doctoral candidate (not already in possession of a doctoral degree at the date of the application call deadline).
Languages:	Oral and written skills must meet the standards of academic English used in international research.

Job details

Type of contract:	Full time position
Gross salary:	<p>The monthly living allowance, including employer and employees' social charges, is €3,500. This amount corresponds to a <u>gross</u> monthly salary estimated to €2,440 and to an estimated net monthly salary before income tax of approximately €1,976.</p> <p>On top of the monthly salary, the doctoral fellow will receive a mobility allowance, including employer and employees' social charges of €4,752 over the 36 months of the working contract. This amount corresponds to a <u>gross</u> monthly allowance estimated to €92 and to an estimated net monthly allowance before income tax of approximately €74.</p> <p>Social Protection: The fellow will benefit from full social security coverage, including health insurance, unemployment insurance, and pension contributions. He/she will also have access to occupational health services (<i>médecine du travail</i>), as required by French labour law.</p> <p>Additional Insurance: The fellow may choose to subscribe to complementary health insurance plans, at affordable rates (approximately €70 <i>per</i> month), of which 50% is paid by the employer.</p> <p>Paid Leave: The fellow is entitled to up to 33.5 days of paid leave annually (for 35 hours worked per week), in accordance with national labour law, and will enjoy the same employment rights as other public-sector employees.</p>
Other benefits:	<p>Transport: The fellow benefits from significantly reduced fares on public transport, available in all partner cities. Additionally, the host institution will cover 50% of the monthly transportation costs.</p> <p>Relocation assistance via Espace Ulys (EURAXESS center of the Université de Lyon): the candidate can be provided with special relocation assistance and help for immigration and administrative, accommodation, healthcare and integration formalities.</p> <p>Sports and culture: The fellow will enjoy the cultural environment provided by the Lyon 1 campuses, where numerous exhibitions and activities open to the general public are organised throughout the year. The fellow may play his/her favourite sport in the largest University Sports Association in France, where over 30 activities are on offer year-round through the Sports & Physical Activity University Department. The fellow may also join one of the 70 student associations that unite the University.</p>