

Fully funded Post-doctoral position

Functional efficacy of engineered extracellular vesicles from mesenchymal stromal cells in osteoarthritis

IRMB - Inserm UMR1183, Hôpital Saint-Eloi, Montpellier, France

The postdoc will carry out independent research on extracellular vesicles (EVs) derived from mesenchymal stromal cells (MSCs) and the evaluation of functional role in osteoarthritis. A selection of different RNA species with therapeutic interest will be transferred in EVs. Efficacy of EVs will be tested in relevant in vitro and in vivo models of osteoarthritis. The objective is to improve the potency of MSCs-derived EVs by modulating the expression of relevant RNA species with the aim of enhancing their therapeutic efficacy in osteoarthritis.

How to apply: Applications are invited from outstanding and highly motivated candidates for a fixed term position as postdoctoral researcher in the group of Danièle Noël, “Organoids, Mesenchymal stromal cells and Extracellular vesicles for osteoarticular diseases therapies”, at the Institute of Regenerative Medicine and Biotherapies in Montpellier. This position is funded by a national PEPR program and is available for up to four years with a project beginning in May 2024.

Applications to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail to Danièle Noël at: daniele.noel@inserm.fr

Duties:

- Conduct research independently under the supervision of the Principal Investigator and collaboratively with local and international collaborators

Essential skills required:

- PhD in cell biology, molecular genetics or closely related discipline
- Strong expertise in MSCs and EVs
- Ability to work and think independently and within a team
- Excellent organizational skills and high levels of initiative

Desirable Requirements:

- Expertise in osteoarthritis and regenerative medicine

Salary range: €35,000 - €40,000 per annum

Start date: Position is available in May 2024.

Danièle Noël

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<http://www.chu-montpellier.fr/fr/os-et-articulations/institute-for-regenerative-medicine-and-biotherapy/>