Fully funded Post-doctoral position

Function of extracellular vesicles from mesenchymal stromal cells in aging
IRMB - Inserm U1183, Hôpital Saint-Eloi, Montpellier, France

The postdoc will carry out independent research on extracellular vesicles (EVs) derived from mesenchymal stromal cells (MSCs) and their functional role in aging. Based on a selection of proteins differentially expressed in EVs from senescent MSCs, the first objective is to validate the selected proteins using functional assays in vitro and possibly in vivo using murine models of arthritis. The secondary objective is to improve the potency of MSCs-derived EVs by modulating the expression of relevant proteins 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 H2020 EU program and is available for up to two years with a project beginning in January 2022.
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 proteomics and aging
Salary range: €45,000 - €50,000 per annum
Start date: Position is immediately available.