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UNIVERSITÉ
CÔTE D'AZUR



Postdoc position in osteoimmunology

Nice, France

Deadline March 14, 2022



Laboratory of molecular physiomedicine, team osteoimmunology, niches and inflammation

We are seeking a highly motivated post-doctoral researcher interested in osteo-immunology to join our team and work on the diversity of osteoclasts, the multinucleated monocytic cells involved in bone resorption.

We will pay special attention to candidates willing to develop their career in France and to apply for a permanent researcher position.

Deadline for application: March 15, 2022

Starting: the position is available as soon as possible, but this could be discussed

Salary: according to the rules of the French public service and depending on the experience (about 2600-4000 € monthly gross). The position is funded for 1 year and can be renewed for a total of 3 years.

Host laboratory: The team "*osteoimmunology, niches and inflammation*" in the Laboratory of Molecular Physiomedicine, Nice, France (<https://lp2m.univ-cotedazur.fr/axes-de-recherche/osteoimmunologie-niches-et-inflammation>) is depending on the CNRS, the main research body in France, and the Université Côte d'Azur labeled as "University of Excellence". The laboratory is located in the Faculty of Medicine in the heart of Nice. It provides a high-quality scientific environment with access to all required core facilities as well as interaction with clinicians.

Project: The team is interested in the cellular interactions between immune and non-immune cells in the bone marrow. This project is focused more specifically on osteoclasts, the monocytic cells responsible for bone resorption. Our team showed that beside bone resorption, these cells have an innate immune function. Moreover, they share with other monocytic cells same diversity in their phenotype and function, which is very new.

The post-doc will work on the characterization of osteoclast diversity in terms of their origin, function and specific traits to understand their contribution to inflammatory responses and to modifications of the bone marrow integrity. The aim is to identify new clues for diagnosis and therapeutic strategies as well as novel information on osteoclast heterogeneity and immune function.

Eventually, our goal is for the candidate to reinforce the team by applying for a permanent research position and develop an independent research project on osteoimmunology and osteoclasts.

Requirements: senior post-doctoral researcher expert in osteoimmunology / immunology of myeloid cells, and/or osteoclast biology assessed by publications. Strong experience in cell biology, flow cytometry, scRNAseq analysis, multiparametric analysis and animal experimentation. Ability to work independently, creativity and excellent team spirit, communication and organization skills are essential. French or English practice is mandatory.

Moreover, if independent thinking and capacity to undertake responsibility as project leader are proven, the postdoc will be supported to apply for a permanent researcher position in the team.

To apply:

<https://emploi.cnrs.fr/Offres/CDD/UMR7370-CLABLI-004/Default.aspx?lang=EN>

For more information, please contact: claudine.blin@univ-cotedazur.fr