



2-3-year postdoctoral position in osteoimmunology in Nice, France

We are seeking a highly motivated and talented post-doctoral researcher to join our team and work on the ORIOS project founded by the French National Research Agency

Host laboratory: The team "*Osteoimmunology, niches and inflammation*" in the Laboratory of Molecular PhysioMedicine, Nice, France (<http://unice.fr/lp2m/fr/les-equipes/osteoimmunologie-niche-inflammation-c-blin>) is depending on the CNRS, the main research body in France, and the University of Nice labeled as "University of Excellence". 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 research activities of the team are focused on the cellular interactions between immune and non-immune cells in the bone marrow. Among these cells, osteoclasts are monocyte bone-resorbing cells responsible for bone destruction in many chronic inflammatory diseases. We have recently shown that their function is not limited to bone resorption and that depending on their origin and environment, they induce immunosuppressive or inflammatory responses.

The post-doc will participate to the ORIOS project "*Origin and role of inflammatory osteoclasts, novel therapeutic targets in rheumatic diseases*" recently founded by the French National Research Agency (ANR). The objectives of this project are an in-depth characterization of inflammatory and tolerogenic osteoclasts in terms of their origin, function and specific markers to understand their contribution to inflammatory responses and to modifications of the bone marrow integrity. The project combines analysis in vitro, in vivo in murine models of chronic diseases associated with bone destruction and in patients. The aim is to identify new clues for diagnosis and therapeutic strategies as well as novel information on a neglected aspect of osteoclast biology.

Requirements:

We are seeking a highly motivated and talented post-doctoral researcher with a strong background in osteoimmunology, immunology or bone biology, assessed by publications. She/he must have a strong experience in cell biology, flow cytometry and animal experimentation. Ability to work independently, and excellent team, communication and organization skills are essential. French or English practice is mandatory. The salary is according to the rules of the French public service and depends on the experience (30 to 45k€ annual gross).

The position is founded for 2 years with a possibility to extend for 1 more year depending on the results and the level of salary. It represents an excellent opportunity for a young scientist to

develop/extend expertise in osteoimmunology. In addition to an excellent scientific production, if independent thinking and capacity to undertake responsibility as project leader are proven, the postdoc will be supported to apply for a permanent position in the team.

To apply:

Applicants should submit (in French or in English) their CV and publication list, the name and e-mail of 3 references and a brief statement of past achievements and research interests to Dr Blin (blin@unice.fr). Deadline for application: no later than October 30, 2017.

Starting: Beginning of 2018.