

September 2021, Besançon

POST-DOCTORAL POSITION in Immunology.

INSERM UMR1098 RIGHT – Host-Graft-Tumor Interactions and Cell & Gene Therapy

OUR TEAM

The **RIGHT** INSERM research unit is located within the Health campus of Besançon (University, Hospital, French blood bank, Biotechs). RIGHT is composed of around 150 collaborators organized in 2 teams: the Autoimmunity, Transplantation and Inflammation (ATI) team and the Immuno-Molecular Cancer Therapeutics (TIM-C) team. <https://umr-right.com/>

DESCRIPTION OF THE POST-DOCTORAL POSITION

- 12-month post-doctoral position in Immunology
- Position available now

The Autoimmunity, Transplantation and Inflammation (ATI) team (RIGHT unit), headed by Dr Sylvain Perruche, is looking for a Post-Doctoral fellow to work on a collaborative project within the ATI team, focusing on a better understanding of the role of macrophages in the induction and regulation of pathologic fibrosis. The ultimate aim of this translational project mixing Human and experimental studies, is to determine the best target, such as macrophages, to develop innovative therapeutics. The project benefits from strong implications of clinicians, notably Pr Jamal Bamoulid (Nephrology), Dr Etienne Daguindeau (Hematology), and from the dermatology department, Dr Gwenaël Rolin and 2 PhD students.

MISSION

- Identification of inflammatory (M1) and tissue repair (M2) macrophages signature (secretome, metabolome...) associated with fibrosis
- Determine macrophage's interactions with and influences on immune cells and fibroblasts during fibrosis process
- Confirm macrophage's targeting as a therapeutic option in adequate fibrotic experimental (in vitro / animal) models (scleroderma, chronic graft vs host models)

Key-words: Macrophages / Fibrosis / Metabolic micro-environment



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REQUIREMENTS

- The candidate should have PhD or an MD/PhD in immunology
- Specific expertise in macrophage biology is necessary
- Prior experience in animal experimentation is a plus
- Expertise in cell and molecular biology (cytometry, quantitative RT-PCR, WB, immunohistochemistry, sequencing...)
- Strong ability to communicate effectively orally and in written form, and experienced in writing manuscripts.
- Strong ability to perform independent, self-directed work.
- Outstanding oral and written communication skills are required.
- Strong organizational skills and proactive personality with outstanding motivation, creativity, critical and analytical thinking skills, strong scientific commitment and ability to work as a team.
- The candidate will work in a very ambitious interdisciplinary setting, which will require high flexibility.

THE APPLICATION MUST INCLUDE

- Application letter describing the applicant's qualifications and motivation for the position
- CV (summarizing education, positions, and academic work - scientific publications)
- A complete list of publications
- PhD thesis
- Copies of educational certificates
- List of publications and academic work that the applicant wishes to be considered by the evaluation committee
- Letters of recommendation or names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

Please note that all documents should be in English or French.

→ Please, send your application to: Sylvain.PERRUCHE@efs.sante.fr; jbamoulid@chu-besancon.fr; edaguindau@chu-besancon.fr; grolin@chu-besancon.fr