

POST DOCTORAL in IMMUNOLOGY

Profil de poste

Emploi-type

BAP

Job description summary

We are looking for an experienced, highly independent, and dynamic post-doc candidate willing to drive an ambitious project in the understanding of the role of both T lymphocytes and Dendritic Cells in the pathogenesis Langerhans Cell Histiocytosis (LCH).

Context

The position is available immediately at the “Institut de Recherche Saint-Louis” (IRSL) in Paris under the supervision of Pr. Abdellatif TAZI.

Pr. TAZI is head of the Pulmonology department, coordinator of the French National Reference Center for Histiocytoses at Saint-Louis and Principal Investigator in the scientific team of Pr. Vassili Soumelis (INSERM U976).

The reference center has settled a very large cohort of adult patients with pulmonary and extrapulmonary Langerhans cell Histiocytosis (LCH), with a dedicated clinical database and associated banked biological specimens.

We work in close collaboration with fundamental cell immunologists, bio-informaticians, and clinicians to understand the physiopathology of LCH at the basic and translational level. We are particularly interested in deciphering the crosstalk between a specific sub-type of pathogenic DC and effector T helper cells. We work mostly with primary PBMC issued from patients, which we use for routine assays (cell culture, cell sorting, flow cytometry, cytokine assays.) as well as high-throughput techniques that we perform in collaboration (transcriptomics, imaging analysis and single-cell RNA sequencing).

Activités associées

Connaissances

- Strong human Immunology and Cell Biology skills

Savoir-faire

Aptitudes

- Dynamic personality with passion for innovation and problem-solving

- Excellent interpersonal and communication skills and the initiative to actively communicate with data producers and data users in an interdisciplinary international environment
- Ability to work independently and well-organized in a fast-paced work environment
- Very good proficiency in English both in writing and speaking

**Spécificité(s) /
Contrainte(s)
du poste**

**Expérience
souhaitée**

- Previous experience in preparation of cells for transcriptomic and/or single-cell RNA sequencing is desirable, but not mandatory.
- Experience with manipulation of PBMCs, cell-culture systems, multi-colour flow cytometry and cell sorting is required

**Diplôme(s)
souhaité(s)**

- PHD in immunology

Structure d'accueil

Code unité	Unité Inserm U976
Intitulé	HIPI – Equipe 9 Immunologie systémique humaine et réseaux inflammatoires
Responsable	abdellatif.tazi@aphp.fr
Composition	15 personnes
Adresse	1 av Claude Vellefaux 75010 Paris – Hôpital St-Louis – IRSL - Batiment Hayem
Délégation Régionale	DR7

Contrat

Type	CDD
Durée	12 months
Rémunération	Precise salary will depend on past experience of the candidate and AP-HP salary scale.
Date souhaitée de prise de fonctions	Immediate

Please send your CV, motivation letter, and publication list to Pr Vassili SOUMELIS [«vassili.soumelis@aphp.fr»](mailto:vassili.soumelis@aphp.fr) **and Pr. Abdellatif TAZI** [«abdellatif.tazi@aphp.fr»](mailto:abdellatif.tazi@aphp.fr)