

## Title of the project: Phagocytes and Cancer Immunology

Annonce mise en ligne le/offer posted on: 13/03/2023

### PROJET/RESEARCH PROJECT

A post-doctoral fellow position is available in our lab to work on myeloid cells and their role in cancer immunity and immunotherapy. Institut Cochin offers a rich scientific environment: excellent training for researchers, multi-disciplinary approaches and state-of-the-art facilities. The focus of our research is to investigate the role of dendritic cells and macrophages in cancer immunity by using different approaches including human samples, transgenic mouse models and high dimensional technologies (scRNAseq, spatial transcriptomic).

#### **Qualifications:**

Highly motivated candidates with a Ph.D. degree in immunology. Must possess good verbal and written communication skills in English. Candidate with training and expertise in one of the following topics: immunology, *in vivo* mouse models of inflammation or cancer, scRNAseq data-analysis

#### **Relevant publications from the lab include:**

- Rodrigo Nalio Ramos, Yoann Missolo-Koussou, Yohan Gerber-Ferder, Christian Bromley, Mattia Bugatti, Nicolas Gonzalo Núñez, Jimena Boari Tosello, Wilfrid Richer, Jordan Denizeau, Christine Sedlik, Pamela Caudana, Fiorella Kotsias, Leticia Laura Niborski, Sophie Viel, Mylène Bohec, Sonia Lameiras, Sylvain Baulande, Laëtizia Lesage, André Nicolas, Didier Meseure, Anne Vincent-Salomon, Fabien Reyat, Charles-Antoine Dutertre, Florent Ginhoux, Lene Vimeux, Emmanuel Donnadieu, Bénédicte Buttard, Jérôme Galon, Santiago Zelenay, William Vermi, Pierre Guermonprez, Eliane Piaggio and Julie Helft. *Tissue-resident FOLR2<sup>+</sup> macrophages associate with CD8<sup>+</sup> T cells infiltration in human breast cancer*. **Cell**. 2022, March 31;185, 1-19. <https://doi.org/10.1016/j.cell.2022.02.021>
- Bourdely P, Anselmi G, Vaivode K, Ramos RN, Missolo-Koussou Y, Hidalgo S, Tosselo J, Nuñez N, Richer W, Vincent-Salomon A, Saxena A, Wood K, Lladser A, Piaggio E, Helft J\*, Guermonprez P\*. *Transcriptional and Functional Analysis of CD1c<sup>+</sup> Human Dendritic Cells Identifies a CD163<sup>+</sup> Subset Priming CD8<sup>+</sup>CD103<sup>+</sup> T Cells*. **Immunity**. 2020 Aug 18;53(2):335-352. \* co-last authors

## STRUCTURE D'ACCUEIL/LOCATION

**Team** The Helft lab is part of the Immunology and Cancer departments of the Institut Cochin located in the center of Paris, 22 rue Méchain – 75014 Paris, France.

**Institut Cochin** is one of the biggest biomedical French Research Center located in the center of Paris that provides a multidisciplinary scientific environment and very efficient core-facilities.

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## CONTRAT/FINANCIAL SUPPORT

**Type:** CDD

**Funding:** ERC CoG

**Début/Beginning:** June 2023

**Durée du contrat/Length of contract:** 3 years

**Structure employeur/organization**

INSERM

CNRS

UNIVERSITE

Applicants should send their CV, letter of motivation and name of 2 references.

Envoyez votre CV, lettre de motivation et deux contacts de recommandations à :

- Julie Helft
- Email : [julie.helft@inserm.fr](mailto:julie.helft@inserm.fr)