

Post-Doc position

Project: Oncogenic cooperation in myeloid malignancies

Announce published on 2020, November 05

PROJET/RESEARCH PROJECT

The team exploits multidisciplinary approaches to explore the cooperative mechanism of oncogenesis of two recurrently mutated factors in myeloid malignancies leading to changes of the methylome, chromatin conformation and gene expression profile in myeloid leukemia. This work is funded by the Fondation pour la Recherche Médicale (FRM) and conducted in collaboration with Gustave Roussy (Villejuif) and Epigenetics and cell fate (Paris) Institutes.

Highly motivated scientists with experience in epigenetics, bioinformatics and cell biology, as well as good communication and interpersonal skills are encouraged to apply.

Team publications:

1. Le Goff S, Boussaid I, et al. p53 activation during ribosome biogenesis regulates normal erythroid differentiation. **Blood**. 2020 Aug 20;blood.2019003439. PMID: 32818241
2. Silvin A, et al. Elevated Calprotectin and Abnormal Myeloid Cell Subsets Discriminate Severe from Mild COVID-19. **Cell**. 2020 Sep 17;182(6):1401-1418.e18. PMID: 32810439
3. Bondu S, Alary AS, et al. A variant erythropoietin receptor disrupts iron homeostasis in *SF3B1*-mutated myelodysplastic syndrome. **Sci Transl Med**. 2019 Jul 10;11(500):eaav5467. PMID: 31292266
4. Damm F et al. Mutations affecting mRNA splicing define distinct clinical phenotypes and correlate with patient outcome in myelodysplastic syndromes. **Blood**. 2012 Apr 5;119(14):3211-8. PMID: 22343920
5. Itzykson R et al. Impact of TET2 mutations on response rate to azacitidine in myelodysplastic syndromes and low blast count acute myeloid leukemias. **Leukemia**. 2011 Jul;25(7):1147-52 PMID: 21494260
6. Delhommeau F, et al. Mutation in TET2 in myeloid cancers. **N Engl J Med**. 2009 May 28;360(22):2289-301. PMID: 19474426

STRUCTURE D'ACCUEIL/LOCATION

Team « Normal and pathological hematopoiesis » labelled by FRM is part of the « Development Reproduction Cancer department » 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, member of Université de Paris. It provides a multidisciplinary scientific environment and very efficient core-facilities genomic, proteomic and imaging platforms and a highly dynamic scientific life for the teams in particular those involved in cancer research.

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CONTRAT/FINANCIAL SUPPORT

Type: CDD

Funding: Fondation pour la recherche médicale

Début/Beginning: January 2021

Durée du contrat/Length of contract: 2 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 :

- Prof. Michaela Fontenay, MD, PhD - Email : michaela.fontenay@inserm.fr