

Institut Cochin - Announcement

Postdoctoral Research Assistant

Group Bouscary/Mayeux

INSERM U1016 – CNRS UMR8104 – University Paris Descartes - Paris

We are seeking to appoint a Postdoctoral Research Associate who is committed in bioinformatics and cell biology and enthusiastic to perform integrative analyses of gene expression and proteome.

The position is funded for two years by the LabEx GR-Ex dedicated to basic and clinical investigation in normal and pathological erythropoiesis.

The team exploits multidisciplinary approaches to explore a range of topics related to erythropoiesis in normal and malignant settings including

- large scale genomic, transcriptomic and proteomic analyses
- stem cell biology
- cell signaling and RNA processing

References:

1. Gautier EF, Ducamp S, Leduc M, Salnot V, Guillonnet F, Dussiot M, Hale J, Giarratana MC, Raimbault A, Douay L, Lacombe C, Mohandas N, Verdier F, Zermati Y, Mayeux P. Comprehensive Proteomic Analysis of Human Erythropoiesis. *Cell Rep.* 2016 Aug 2;16(5):1470-84
2. Chesnais V, Arcangeli ML, Delette C, Rousseau A, Guermouche H, Lefevre C, Bondu S, Diop M, Cheok M, Chapuis N, Legros L, Raynaud S, Willems L, Bouscary D, Lauret E, Bernard OA, Kosmider O, Pflumio F, Fontenay M. Architectural and functional heterogeneity of hematopoietic stem/progenitor cells in non-del(5q) myelodysplastic syndromes. *Blood.* 2017 Jan 26;129(4):484-496.
3. Naudin C, Hattabi A, Michelet F, Miri-Nezhad A, Benyoucef A, Pflumio F, Guillonnet F, Fichelson S, Vigon I, Dusanter-Fourt I, Lauret E. PUMILIO/FOXP1 signaling drives expansion of hematopoietic stem/progenitor and leukemia cells. *Blood.* 2017 May 4;129(18):2493-2506.

The Institute Cochin provides a highly dynamic scientific life supported by the expertise of the teams of the Department Development, Reproduction, Cancer in Hematology, pan-genomic analyses and bioinformatics and by facilities (proteomic 3P5 platform, genomic and NGS platforms, bioinformatics). It is located in the University Hospital Cochin, in Paris.

Highly motivated scientists with experience in bioinformatics and cell and molecular biology, as well as good communication and interpersonal skills are encouraged to apply. Experience in the field of proteomics should be an advantage.

Please submit a CV, statement of research interests and the names of 2-3 referees to:

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Recruitment in December; Expected starting date: January 2018