

**Post-doctoral researcher contract – genetics and immunology
M/W**

MISSIONS AND FUNCTIONS

The laboratory is seeking for a post-doctoral researcher with an experience in genetics and in immunology to work on severe inflammatory genetic skin diseases. The project aims at exploring the genetic and immunological bases of these diseases through the study of large patient cohorts and families.

The search for predisposing genes will use comparative exome sequencing and bioinformatic analyses. Immunological studies will include skin phenotyping, analysis of peripheral lymphocytes by flow cytometry and functional studies.

The candidate will join an international research laboratory of 18 persons working on different genetic skin diseases. He/she will have a unique opportunity to be trained in cutting edge technics in keratinocyte biology and in the immune system. The laboratory is part of the Imagine Institute for genetic diseases located at Necker hospital for sick children. The Institute has high-performance technical platforms in genomics, bioinformatics, cell imaging, flow cell sorting and animal models which could assist the applicant if necessary. The Institute gathers research teams with complementary expertises in multiple aspects of genetics, immunology, cell biology and bioinformatics (<http://institutimagine.org>).

SKILLS

We are looking for a very motivated scientist with a strong experience in molecular genetics and in immunology. A solid experience in flow cytometry and in cell culture is required. A previous experience in exome sequencing, « omics » analysis and bioinformatics and a good knowledge of English would be advantageous.

CONTRACT

The position is to start from October, 2019, initially for 12 months, with possible renewal.

RECRUITEMENT

Please send your CV, a letter of motivation, a summary of your research and the contact details of at least two referees at : alain.hovnanian@inserm.fr

CONTACT FOR INFORMATION :

Genetic skin disease laboratory : from disease mechanisms to treatments
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