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## POSTDOCTORAL RESEARCH FELLOW

### ÉQUIPE 4 GÉNÉTIQUE ET RÉGULATION DU MÉTABOLISME DU FER

Delphine Meynard

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#### **Description :**

A postdoctoral research fellow position is available for 3 years in the Delphine Meynard research group (<https://www.irsd.fr/equipe-4--genetique-et-regulation-8203du-metabolisme-du-fer.html> ). We are part of the Digestive Health Research Institute (IRSD) in Toulouse in France.

Toulouse is a dynamic research area located in south of France that comprises many internationally recognized laboratories and gives access to a network of high-level skills research platforms in life sciences (fundamental biology, agronomy, environment, health) making possible almost all research projects.

The Digestive Health Research Institute accredited by INSERM, INRA, ENVT and Toulouse University, is internationally recognized and offerins a productive scientific environment centered on basic and clinical research to understand and treat diseases of the intestine and the liver. IRSD brings together a total of >80 researchers, professors, technicians, students and post-docs of different nationalities.

Our research focuses on iron metabolism and its disturbance in human diseases. Our lab is a dynamic team of scientists, MD, graduate students, and technicians. Our main goal is to characterize the regulation of iron homeostasis at the cellular and molecular levels and to develop new therapeutic strategies for the treatment of iron related disorders. The postdoctoral project will specifically address the role of proteases in the regulation of iron homeostasis and develop new strategies to target those proteases. The postdoctoral fellow will use several approaches including molecular and cellular biology, animal models, and biochemistry but also techniques related to proteases such as enzymatic activity assay, activity based probes, and in situ zymography.

Applicants for this position must have a Ph.D. in the biochemical sciences. A suitable candidate will have a proven track record of research accomplishments including first author publications in international peer-reviewed journals and excellent experience in: molecular and cellular biology, biochemistry, mouse models. Skills with proteases would be appreciable. In addition, excellent communication/interpersonal skills are required.

Please email a cover letter, CV, and two letters of support from former mentors or collaborators (including their contact information) to Delphine Meynard: [delphine.meynard@inserm.fr](mailto:delphine.meynard@inserm.fr)