



Postdoctoral Position in Meiosis and Recombination Institute of Human Genetics, Montpellier, France

A postdoctoral position is available in the group “Meiosis and Recombination” (Bernard de Massy) at the Institute of Human Genetics, Montpellier.

Our group is interested in the mechanism and regulation of meiotic recombination using mouse as a model system and taking advantage of a large variety of experimental approaches.

The research project will be based on our recent progress on the role of proteins involved in the formation of DNA double strand break during meiosis (ie MEI4, REC114, SPO11, TOPOVIBL, PRDM9) and their evolutionary conservation. The approaches to be developed will be mostly biochemical in order to gain insight into the activities of these proteins, their interactions and their regulations *in vitro*, with complementary *in vivo* approaches. Interactions and collaborations with experts in structural biology will also strengthen the project. Unravelling at the molecular level how these proteins act is a current major issue in the field of meiosis and recombination. Ambitious and fully committed scientist is required for this task.

Qualification: We are seeking highly qualified and motivated applicants with strong skills and previous experience in biochemistry. Additional knowledge and expertise in molecular biology and in the field of DNA/chromosome biology will be important as well. Candidates must hold a PhD degree in Biological Science validated by high quality publications.

The Institute of Human Genetics (www.igh.cnrs.fr) is a highly dynamic research institute located in the University and Hospital area in Montpellier, equipped with state of the art scientific facilities. The IGH generates an excellent scientific environment for high quality and intensive scientific life. External and internal seminars in the Institute are in English and our group meetings are in English as well. Speaking French is not required. Montpellier is one of the most lively and concentrated areas for research scientists in France.

Application details: Please submit a CV, a statement of research interest, and names of three references to: Bernard de Massy (Bernard.de-massy@igh.cnrs.fr), preferred starting date January 2019.