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PARIS
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CNRS
CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE
Inserm
Institut national
de la santé et de la recherche médicale

Post-doctoral positions in Epigenetics in Paris, France

The Unit of **Epigenetics and Cell Fate** is a new research centre focusing on the role of epigenetic regulation in cellular differentiation programs. The Unit is located in a new building in the heart of Paris supported by funding from the CNRS, INSERM and the Université Paris-Diderot, Paris 7. The Unit is committed to training young researchers and students in the field of epigenetics and stem cell differentiation. This multidisciplinary research centre provides state-of-the-art facilities including confocal microscopy and imaging, flow cytometry, a pathogen-free animal house and histology facility, bioinformatics support, mass spectrophotometry and genome-wide technologies.

The founding groups of the Epigenetics and Cell Fate centre are:

- **Claire ROUGEULLE:** Epigenetics of the X chromosome
- **Claire FRANCASTEL:** Nuclear architecture & epigenetic control of differentiation
- **Valérie MEZGER:** Development and environment interface
- **Pierre-Antoine DEFOSSEZ:** Functional domains of eukaryotic genomes
- **Slimane AIT-SI-ALI:** Epigenetic dynamics and cell differentiation
- **Jonathan WEITZMAN:** Plasticity of cellular phenotypes

The Centre is currently seeking highly-motivated and experienced postdoctoral fellows for **three funded positions** (available summer/fall 2008):

- **Novel non-coding RNAs potentially involved in X-inactivation and the study of X chromosome inactivation in the context of human embryonic stem cells (Claire Rougeulle's group).** Two positions funded by INSERM Avenir and the ERC.
- **Search for novel oncoproteins regulating epigenetic events during tumour cell transformation and metastasis (Jonathan Weitzman's group).** One position funded by the AICR.

Approaches used include ES cell culture and manipulation, chromatin profiling, the functional dissection of non-coding RNAs and the generation of mouse mutants. Candidates should have first-hand experience in general molecular biology techniques, cell culture, mouse manipulation and microscopy.

Candidates interested in these positions (or any of the other research groups) should send a full CV, list of publications, and the names of three referees.

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