

Assistant Engineer / Research Engineer in a laboratory with animal experimentation (M/F)

Host structure

Institut Curie Research Centre

Institut Curie is a major player in research in France. It consists of a hospital and a research centre with more than 1,000 employees and a strong international presence.

The objective of the Institut Curie Research Centre is to develop fundamental research and to use the knowledge produced to improve the diagnosis, prognosis and treatment of various diseases as part of the continuum between fundamental research and innovation for the benefit of patients.

Job description

Laboratory – Department

The Janke laboratory is part of the "Genome Integrity, RNA and Cancer" Unit and is also affiliated with the CNRS (UMR3348) and the University Paris-Saclay.

The research topic of the team is the regulation of the microtubule cytoskeleton by the tubulin code. We address this issue from the molecular aspect (biochemistry), through cell biology, to the level of the whole organism - the mouse. The basis of this multidisciplinary research are the mouse models that we develop and analyse in the laboratory.

The group is currently composed of two researchers, a teacher-researcher, a post-doctoral fellow, a research engineer, four thesis students and a Master 2 student. We will soon welcome two post-doctoral researchers and also regularly receive trainees of all levels.

Team website: <https://institut-curie.org/team/janke>.

Tasks

The candidate's mission will be related to the management of mouse colonies and participation in their analysis with our team members and scientific collaborators.

The candidate should have expertise in the management of transgenic mouse colonies and master the techniques of animal sampling, establishment of murine primary cell cultures, transcardiac perfusion (whole-body) fixation, as well as histological and biochemical analyses (immunoblot). The candidate should have a solid knowledge of mouse genetics, enabling him/her to perform crosses of mouse models available in the laboratory and be able to optimize the generation of animals of desired genotypes and ages for use in the various projects of the laboratory and our collaborators.

As the Janke team is part of several collaborative projects, one on colon cancer with teams in Montpellier and Marseille and a second on thyroid function with teams in Paris and Strasbourg, the candidate will interact with these collaborating teams and participate in collaborative experiments.

Description of activities

- Management of mouse lines (crossbreeding and monitoring)
- Animal sampling
- Whole body fixation of animals
- Western blot
- Histology
- Cell culture
- Analysis of results

Specificities of the job

- Working with laboratory animals

Profile required

Education and experience

- Level required: minimum of 2 years of higher education
- Professional experience with animals
- Strong background in genetics
- Training in animal experimentation would be a plus

Skills and qualities required

- Oral and written comprehension of English and French in order to interact with colleagues
- Knowledge of Microsoft software (Word, Excel) and database management
- High degree of autonomy, excellent organisational, communication and interpersonal skills
- Ability to work in a team

All our opportunities are open to people with disabilities.

Contract information

Type of contract: Fixed-term contract

Starting date: as soon as possible

Duration of the contract: 1 year renewable 2 times

Working hours: Full time

Remuneration: according to the current salary scale

Benefits: Collective catering, 70% reimbursement of annual transport ticket, company health insurance

Job location: Orsay

Reference: 2022-03-AI/E3348JAN

Contact

To apply, please send your CV and cover letter to Carsten.Janke@curie.fr and Maria.Magiera@curie.fr

Date of publication of the offer: 08/03/2022

Closing date for applications: 15/04/2022

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It is also committed to high standards of research integrity.*