Postdoctoral Position in Mechanics of mammalian development (M/F)

The hosting structure

Institut Curie Research Center
Institut Curie is a major player in the research and fight against cancer. It consists of a Hospital group and a Research Center of more than 1000 employees with a strong international reputation. The objective of the Research Center is to develop basic research and to use the knowledge produced to improve the diagnosis, prognosis, and therapeutics of cancers as part of the continuum between basic research and innovation serving the patient.

Context

Laboratory
Jean-Léon Maître, head of the “Mechanics of mammalian development” team (https://institut-curie.org/team/maitre), is seeking a postdoc with a strong interest in interdisciplinary research.

The project
The candidate will study the morphogenetic events occurring before implantation of the mammalian embryo, using approaches at the interface between biology and physics. The candidate’s work will include developmental biology techniques with recovery, culture and genetic manipulation of mouse embryos; biophysical techniques such as high-resolution microscopy, optical tweezers and microfluidics; data and image analysis.

Candidate Profile

Training and Skills required
Prior experience with mouse handling, molecular biology, advanced microscopy, and/or image analysis will be extremely valuable, but on-the-job training will be provided.

Abilities
The ideal candidate should feel comfortable working in an interdisciplinary and international environment.

All our opportunities are open to people with disabilities

Contract information

Type of contract: Fixed-term contract.
Starting date: late 2022
Duration: 12 months initially
Working time: full time
Remuneration: according to the current grids
Benefits: Collective catering, reimbursement of transportation fees up to 70%, complementary health insurance
Location of the position: Paris
Reference: not to be completed

Contact
Please send your CV, letter of motivation and 2 references (2 pages max each) to jean-leon.maitre@curie.fr

Publication date: 09 June 2022
Deadline for application: 30 September 2022

Institut Curie is an inclusive, equal opportunity employer and is dedicated to the highest standards of research integrity.