



European Research Council

Postdoctoral position - Mechanics
of mammalian morphogenesis
Maître lab at Institut Curie

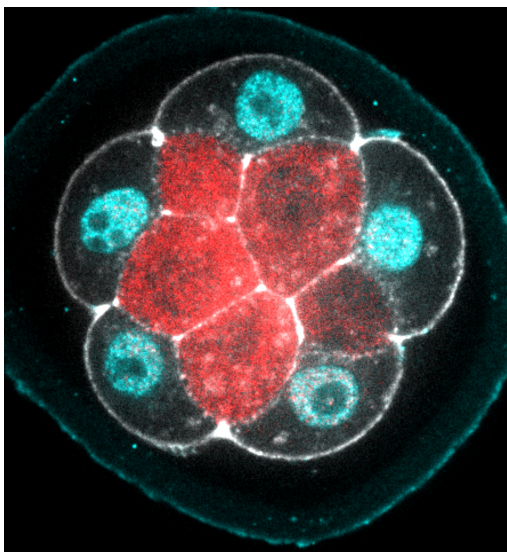


Location:

Institut Curie, located in the center of **Paris**, is an internationally renowned institution bringing together physicists, chemists, biologists, bioinformaticians and clinicians.

Position:

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



The candidate will study the morphogenetic events occurring before implantation of the embryo, which requires an approach at the **interface between biology and physics** (Maître *et al*, Nat. Cell Biol., 2015; Maître *et al*, Nature, 2016; Maître, Biol. Cell, 2017). The candidate's work will include **developmental biology techniques** with recovery, culture and manipulation of mouse embryos; **biophysical techniques** such as high-resolution microscopy and micropipette manipulation of embryos; **data and image analysis**.

Skills:

Prior experience with **mouse, advanced microscopy, molecular biology and/or image analysis** will be extremely valuable, but on-the-job training will be additionally provided. The ideal candidate should feel comfortable working in an **interdisciplinary and international environment**.

The position is funded by the ERC for 24 months initially.

Interested candidates should contact jean-leon.maitre@curie.fr