

## Postdoctoral Position

### **Light sheet microscopy and computational image analysis of early animal morphogenesis**

*Development Biology Institute of Marseille (IBDM), France*

We are seeking to recruit a postdoctoral fellow to develop and apply high resolution light sheet microscopy in order to image cytoskeletal networks and adhesion complexes in developing embryos (e.g. *Drosophila*). We have recently developed a light sheet microscope for fast 3D imaging and we aim at including a new illumination scheme to achieve higher resolution and single molecule detection. The recruited postdoc will also develop new image analysis tools to analyze the generated high resolution data.

The candidates should have experience in computational image analysis and/or optical engineering (including software engineering for machine control).

The postdoc will benefit from an interdisciplinary environment with expertise in imaging, optical engineering, physics and cell developmental biology ([Labex Inform](#), [IBDM](#))

The postdoctoral fellowship is offered for a period of two years.

Applicants should send a CV, names of two referees, and a short outline of their research interests to [P.-F. Lenne](#) and [T. Lecuit](#).

