

Job opening for a postdoctoral position to join the Structural Motility team at the Curie Institute Paris, France.

The *Structural Motility* team is searching for a **post-doctoral fellow to join a dynamic laboratory** directed by Anne Houdusse at the Curie Institute (Paris Center).

We are looking for an **expert in biochemistry and structural determination** (cryo-EM and crystallography) interested in solving protein structures and gaining expertise in functional and cellular studies. The position will also lead to the development of **chemical biology tools** to investigate and understand molecular mechanisms in cells.

Our team studies the mechanism and function of force production by molecular motors and has made important structural discoveries on how force generation can power cellular processes in human health and how mutations in their function lead to disease. A multi-disciplinary approach that combines structural biology, chemical biology and cell biology is being used in our studies. With such an approach, we decipher how molecular motors produce force by visualizing yet unknown structures, or by understanding how their activity is regulated. We use chemical biology and cell biology approaches to test insights from structures. We also investigate and develop specific modulators of the force motors can produce that could lead to new therapies.

We are looking to recruit and train a dynamic and motivated candidate who can quickly gain independence and take the lead on one of our exciting scientific projects. Experience in cryo-electron microscopy or cell biology, is a plus.

If you are interested, please send a CV and a statement of research interests and goals as well as three letters of recommendation from your previous employers.

Contact : Anne Houdusse (anne.houdusse@curie.fr)