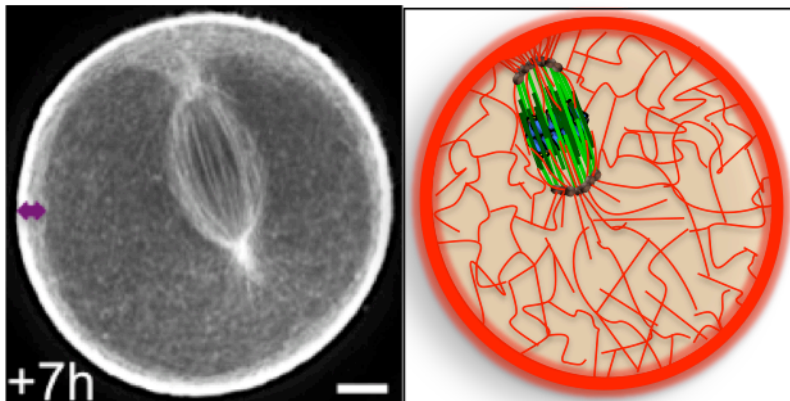


**Postdoctoral position in the Verlhac group “Asymmetric Division in Oocytes” in the CIRB, Collège de France, Paris**

A two-year postdoctoral position funded by an ANR grant from Marie-Emilie Terret is available in the Verlhac group “Asymmetric Division in Oocytes” at the CIRB, Collège de France.

The lab studies the meiotic divisions of mouse oocytes. These divisions are extremely asymmetric in size of the daughter cells, despite the lack of canonical centrosomes that usually organize spindles as well as astral microtubules at spindle poles, mediating spindle positioning. Using multidisciplinary approaches, we have shown that the positioning of meiotic chromosomes depends only on mechanical constraints applied by different actin networks. The post-doc project will pursue further the identification of the mechanisms at play in the control of chromosome positioning but will also test if it contributes to the innate susceptibility of the female gamete to produce errors in chromosome segregation. The lab is fully equipped for cell biology and live-cell confocal microscopy and is part of a highly collaborative and multidisciplinary environment.



Candidates must hold a PhD degree in Molecular and Cellular Biology and have at least one first author publication in a peer-reviewed journal. We are looking for enthusiastic researchers with a curious mind and a strong background in cell biology, but expertise in physics would also be welcome. Earlier starting date is February 1st, 2017 but the position will remain open until filled.

Candidates should send their application to Marie-Emilie Terret ([marie-emilie.terret@college-de-france.fr](mailto:marie-emilie.terret@college-de-france.fr)) and Marie-Hélène Verlhac ([marie-helene.verlhac@college-de-france.fr](mailto:marie-helene.verlhac@college-de-france.fr)) including a CV, a statement of research interests/letter of motivation and contact information for at least two references (including their PhD advisor).