



PhD/Postdoctoral position

Role of septins in epithelial tissues

Institut Fresnel, Marseille, France

We seek a **doctoral/postdoctoral fellow** in the context of our project SEPTISS which aims at elucidating the **role of septins in nondividing, remodeling epithelial tissues**. To gain insights into the role of septins in epithelial tissue architecture and mechanics, the fellow will use the *Drosophila* embryo as a model system and a combination of experimental techniques, including genetics, live tissue imaging, laser manipulation, polarization-resolved fluorescence microscopy and super-resolution microscopy.

We are looking for an enthusiastic, ambitious candidate to join our efforts in elucidating animal septin organization and function. Applicants should have a background in cell or developmental biology, bioengineering, biophysics, or a closely related field. Prior experience with *Drosophila* genetics and handling, tissue mechanics measurements, or image analysis and data science will be a plus, but is not required.

Funding will be provided for a 3-year postdoctoral appointment, or cover the duration of the PhD thesis, starting as early as spring 2023.

Interested applicants are invited to submit a letter of interest, a CV, and contact information for two references to [Loïc Le Goff](mailto:loic.legoff@fresnel.fr) (loic.legoff@fresnel.fr) and [Manos Mavrakis](mailto:manos.mavrakis@fresnel.fr) (manos.mavrakis@fresnel.fr).

