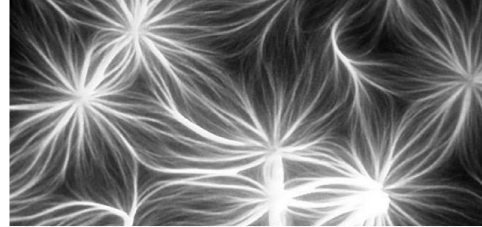
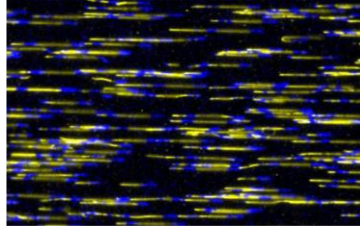


OPEN POSITION

Engineer in microfluidics/microfabrication at Institut Jacques Monod (Paris, France)



Context: the team "regulation of actin assembly dynamics" uses simple microfluidics devices combined with optical microscopes to study actin filaments. They wish to expand their technical possibilities with more sophisticated microfluidics chambers. Some microchambers will be used in combination with other techniques (optical traps, micropatterning).

Team web site: <http://www.actindynamics.net>

Contact: guillaume.romet-lemonne@ijm.fr ; antoine.jegou@ijm.fr

Job description: designing and fabricating new microfluidics chambers. Testing these chambers. Writing the fabrication protocols corresponding to the chosen solutions. The work will be carried out in interaction with the team's researchers.

Work environment: within a lively group of scientists, with backgrounds in biophysics and biochemistry. The microfabrication equipment is available within the team and within the institute. Some technical developments may require using a clean room, in another institute nearby in Paris.

Starting date: as soon as possible, from March 2023 onward (after the candidate has been selected, count 4-6 weeks for paperwork to be processed before effective start of contract). Position for 1 year, with possible extension.

Net monthly salary between 1900 and 2300 €, depending on level of training and experience.

Requirements:

Experience in microfluidics, soft lithography, microfabrication, optical microscopy.

(Experience in biophysics or biology is a plus).

Reporting skills.

Good command of French and/or English.



 Université
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