



Post-doctoral position available

A two-year post-doctoral position is available in the group of Dr. Damien Coudreuse (www.synthecell.org) at the Institute of Genetics and Development of Rennes (IGDR), France (<http://igdr.univ-rennes1.fr/english/>). Research in our laboratory investigates the mechanisms of cell proliferation and cell-cell communication using fission yeast cell as a model system, taking advantage of state-of-the-art approaches including synthetic biology, high-resolution live-cell imaging, microfluidics, and experimental evolution. The proposed project aims at deciphering how cell cycle control and the dynamics of the cell cycle oscillator impact the behavior of individual and complex populations of cells that are organized in artificial model communication networks.

We are seeking a candidate who is highly motivated and ready to take on this innovative project in a collegial and interactive environment. Candidates with a background in yeast genetics as well as molecular and cell biology are encouraged to apply. Experience with microscopy, image analysis and microfluidics will be particularly useful for this project. Furthermore, we will support the candidate in applications for additional post-doctoral fellowships.

Research at the Institute of Genetics and Development of Rennes covers a wide range of subjects in cell biology, taking advantage of most classical model systems while strongly promoting interdisciplinary approaches. The IGDR is dynamic and expanding, with 21 teams representing 200 international researchers and staff, including several recently established young groups. The working language of the laboratory and the institute is English.

The IGDR is located in the city of Rennes, the capital of Brittany in northwestern France. With its rich tradition of cultural, musical, and artistic events as well as its close proximity to the coast, Rennes is a very welcoming and pleasant place to live. It is also easily and directly accessible from Paris (around 1h30 by train).

Candidates should contact Dr. Damien Coudreuse at damien.coudreuse@univ-rennes1.fr and send a Curriculum Vitae, including past research experiences and publication records, as well as a letter detailing their motivation and interest in our work. Applicants should also request recommendation letters to be directly sent by two or three references.