POST-DOCTORAL POSITION on AUTOPHAGY in *C. elegans*

I2BC, Gif-sur-Yvette, France

You are highly motivated to discover new aspects of autophagy, and would like to join the interdisciplinary community at Institute of Integrative Biology of the Cell (I2BC) in the south of Paris area?

A fully funded junior postdoctoral position (18 months, to begin spring 2017) in the area of Autophagy and Development is available in the Legouis’ lab, at the I2BC located in Gif-sur-Yvette, France ([http://www.i2bc.paris-saclay.fr/spip.php?article128](http://www.i2bc.paris-saclay.fr/spip.php?article128)). The project focuses on mechanisms and functions of selective autophagy during life cycle. Autophagy is a degradative process essential to maintain the cellular homeostasis and is involved in multiple physiological processes during development and aging. Recent data have shown that selective autophagy is essential for specific removal of organelles, aggregates or pathogens. Dysregulations of the autophagy level are observed in cancers and numerous human pathologies.

I2BC is a very dynamic multidisciplinary institute created in 2015 (80 scientific groups, 15 technological facilities) with a highly active doc and post-doc association (YOUR-I2BC).

Based on our recent studies on the roles of autophagy during development, you would analyse selective autophagy during physiological and stress conditions using quantitative live cell imaging and CRISPR approaches in the nematode *C. elegans*.

**Requirements and position details:**
- Applicants should have completed a PhD within the last two years
- Strong experience with the model *C. elegans*
- High degree of motivation and excellent interpersonal and communication skills
- Position available **may-2017**

**Application:**
Applicants should send a motivation letter, CV, and contact information of at least two references to: Renaud.LEGOUIS@i2bc.paris-saclay.fr

**Selected publications** for the host team in the area of the current project:


