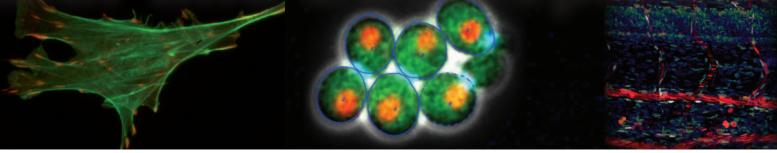


# IGBMC call for a Junior group leader position in Physics of Biological Systems in Cellular and Developmental Biology



The Development and Stem Cells (DSC) Department of IGBMC is recruiting new group leaders with support from the Laboratory of Excellence initiative (LabEx). The department addresses how signals, genetic and biophysical mechanisms underlie developmental processes, and utilizes several model organisms including yeast, mammalian cells, *C. elegans*, *Drosophila*, zebrafish, and mouse. Overall, the DSC groups apply a large repertoire of state of the art methods in imaging, genetics, genomics and biophysics, promoting interdisciplinary and cross-organism collaborations in a highly stimulating environment.

The Department is welcoming applications for a group leader position at the junior level, in order to complement and extend our existing research program in the field of **Physics of Biological Systems in Cellular and Developmental Biology**.

We aim to foster the area of quantitative biology, with a specific focus on cellular and developmental biology. We are looking for scientists with a strong training in either Physics (theory and/or experiments), Mathematics or Computational Sciences, addressing fundamental biological questions at the theoretical and/or experimental levels. We will also consider applications from biologists, but we are particularly interested in research aiming at probing cell physiology quantitatively, such that they can propose and test models of complex cell and/or organism functions.

The candidates should be dynamic investigators with an excellent track record. They must have a strong potential to develop innovative research programs and be keen to develop ambitious collaborations within the department and beyond. A start up package will be provided, and the selected group leader will be assisted in obtaining a permanent tenured position and funding through competitive grant calls.

**Your application** : Expression of interest will include, in a single PDF file, a curriculum vitae, a list of publications, names and contact of three referees, a brief description (1-2 pages) of past achievements and a description (2-4 pages) of future research.

Applications must be sent to [Labex-INRT@igbmc.fr](mailto:Labex-INRT@igbmc.fr), subject line : LabEx 05.



*The Institute of Genetic and Cellular and Molecular Biology (IGBMC) is one of the leading biomedical research centres in Europe. Research is organized around four main themes: Integrated Structural Biology, Functional Genomics and Cancer, Development and Stem cells, Translational Medicine and Neurogenetics. Core facilities, high-end technology platforms and infrastructures such as the Mouse Clinical Institute and the Center for Integrative Biology provide researchers with an exceptional support for ambitious projects. The institute offers excellent core facilities for stem cell culture, imaging and animal houses among others. IGBMC's highly international environment attracts PhD students and Postdoctoral fellows worldwide and facilitates synergistic interactions. The IGBMC is affiliated with the University of Strasbourg doctoral school, and hosts a LabEx International PhD programme with dedicated fellowships. Under the Laboratory of Excellence Initiative, the IGBMC is creating several Chairs of Excellence positions. They are open to international candidates and offer competitive packages, including substantial institutional funding and access to state-of-the-art technologies. Please visit our website for more information: [www.igbmc.fr/research/department/1/](http://www.igbmc.fr/research/department/1/)*

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Application deadline: 30 September 2014. Interviews: December 2014 - January 2015.