

IGBMC call for group leader positions

One of the leading biomedical research centres in Europe, IGBMC ([link here](#)), brings together more than 700 researchers, PhD students and scientific staff grouped in 50 research teams and over a dozen scientific services and core facilities. IGBMC is dedicated to fundamental and applied research in life sciences, ranging from structural analysis of proteins to human genetics, stem cells, biophysics, regulation of gene expression and the physiopathology of the mouse.

Group leader positions are open in three departments of the IGBMC with support from the Laboratory of Excellence (LabEx) initiative. The Functional Genomics and Cancer (FGC) department ([link to FGC Dept. here](#)) addresses the fundamental mechanisms regulating gene expression, epigenetics and chromatin in the normal and transformed states using integrative approaches from the molecular, genomic and structural levels to in vivo studies in the model organisms mouse and Drosophila. The Development and Stem Cells (DSC) department ([link to DSC Dept. here](#)) addresses how signals, genetic and biophysical mechanisms underlie developmental processes and stem cell behaviour, utilizing several model organisms and state of the art methods in live imaging. The Integrated Structural Biology (ISB) department ([link to ISB Dept. here](#)) studies the 3D structure of macromolecular complexes, mainly in the field of eukaryotic gene expression at the transcriptional and translational levels, in order to understand their structure-function relationship by an integrated multi-scale approach. The IGBMC core facilities, in particular the next generation sequencing, bioinformatics and imaging platforms, and the international infrastructures Mouse Clinical Institute and Centre for Integrative Biology, play strong supporting roles for research and development in these areas.

We are welcoming applications for both junior and advanced group leader positions, and are particularly seeking applications from candidates investigating:

- **intracellular organization and dynamics of transcription , epigenetic chromatin states, mRNA maturation or translation by super-resolution photonic or cryo electron tomography;**
- **epigenetics, chromatin and gene regulation using biochemical, structural, computational and systems biology, imaging, or genetic approaches;**
- **mechanisms of oncogenic transformation and tumorigenesis, in cellular or animal models;**
- **stem cell fate, control of cellular identity and organogenesis, in either vertebrate or non-vertebrate animal models;**
- **aging, metabolism and other aspects of physiopathology using mouse genetics;**
- **physics of biological systems, at the theoretical and/or experimental levels, relating to key aspects of developmental and cell biology.**

Successful candidates are expected to develop ambitious, innovative and collaborative research programs, and should have an outstanding track record. An attractive start-up package will be provided, and selected group leaders will be assisted in obtaining permanent tenured positions and in securing funding through competitive grant calls. New groups are expected to start in 2017.

Your application : The application (please specify your department of interest) should include, in a single PDF file, a curriculum vitae, a list of publications, names and contact of three referees, a brief description (2-3 pages) of past achievements and a description (4-5 pages) of future research.

Applications must be sent to Labex-INRT@igbmc.fr, subject line : LabEx 09.



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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. 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

IGBMC
1 rue Laurent Fries
67404 Illkirch cedex, France
www.igbmc.fr



Application deadline: **30 July 2016**. Interviews: **September 2016**.