

## **POSTDOCTORAL POSITION IN LIVE IMAGING OF GENE REGULATION**

A 3-year full-time position is open for a postdoctoral research scientist to work on the analysis of transcriptional regulation in single living cells in the Laboratory of the Cell Biology of the Nucleus at the Department of Cell Biology, Faculty of Science, Charles University (Prague, Czech Republic).

### Project

The project aims at deciphering the mechanisms of transcriptional pulsing, a newly-described aspect of gene regulation. The influence of regulatory sequences and their cognate binding factors on transcriptional dynamics will be investigated in living mammalian cells. Realization of the project calls for the use of state-of-the-art imaging and image analysis techniques.

### Institute/laboratory

BIOCEV is a brand new interdisciplinary research institute on the outskirts of Prague ([www.biocev.eu](http://www.biocev.eu)). It is equipped with modern imaging, genomics and proteomics core facilities. The Lanctôt Lab ([www.lanctotlab.org](http://www.lanctotlab.org)) pursues a long-standing interest in transcriptional pulsing and has already implemented numerous tools in this area (imaging, cell lines, bioinformatics).

### Candidate's profile

The candidate must possess a doctoral degree in molecular and cellular biology or a related field. Experience with fluorescence microscopy is a prerequisite. A record of first-author publications is desirable. Enthusiasm and motivation are paramount.

### Offer

Stimulating project. Dynamic environment. Competitive salary. 3-year funded position available immediately. Possibility to supervise graduate students.

### Contact

Interested applicants should submit a letter of interest and a curriculum vitae to:

Dr. Christian Lanctôt, Ph.D., Group leader

[lanctotc@natur.cuni.cz](mailto:lanctotc@natur.cuni.cz)