



We are looking for **bioinformaticians** to study the genomics and gene regulatory network controlling stem cells and cancer.

Our group is studying the mechanisms regulating stem cells, tumor initiation and progression. We would like to uncover the mutations landscape regulating tumor heterogeneity in human cancers and to model the gene regulatory network controlling cancer stem cell function.

The candidate should have a strong background in bio-informatic analysis including RNA-seq, Chip-seq, whole exome sequencing and low coverage whole genome sequencing, as well as an interested in modelling gene regulatory network. The applicant will work in collaboration with biologists and physicians.

Please send your CV, motivation letter and the names of two to three references to Cedric Blanpain, [labblanp@ulb.ac.be](mailto:labblanp@ulb.ac.be)

The position is for three years with possibility of extension

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**Recent publications from our lab:**

*Nature*. 2015 Aug 12. doi: 10.1038/nature14665  
*Nat Med*. 2015 Aug;21(8):946-54. doi: 10.1038/nm.3878. Epub 2015 Jul 13.  
*Cell Stem Cell*. 2015 Jul 2;17(1):60-73. doi: 10.1016/j.stem.2015.05.008. Epub 2015 Jun 18.  
*Cell Stem Cell*. 2015 Jan 8;16(1):67-79. doi: 10.1016/j.stem.2014.12.002.  
*Nat Cell Biol*. 2014 Sep;16(9):829-40. doi: 10.1038/ncb3024. Epub 2014 Aug 24.  
*Nature*. 2014 Jul 10;511(7508):246-50. doi: 10.1038/nature13305. Epub 2014 Jun 8.  
*Nat Rev Cancer*. 2013 Oct;13(10):727-38. doi: 10.1038/nrc3597.  
*Nat Rev Mol Cell Biol*. 2013 Aug;14(8):489-502. doi: 10.1038/nrm3625. Epub 2013 Jul 17.