Postdoctoral / Engineer position in Bioinformatics / Systems Biology of cell fate decisions (*SysFate*)

A position in bioinformatics is available in the team SysFate, located in the unit "metabolic genomics" UMR-8030, at the French National Sequencing Centre / Genoscope.

**Project background**

The available position, financed by a grant of the “Institut National du Cancer (INCa)”, will support the development of bioinformatics solutions for interpreting single-cell transcriptome readouts assessed over cell differentiation/transformation events. Specifically, it will require the establishment of systems biology strategies for revealing major gene regulatory programs driving tumorigenic transformations.

**Candidate profile**

The successful candidate must hold either a Ph.D. or a master degree in bioinformatics, computer science, or related and having a first experience on single cell transcriptomic analyses. Furthermore, experience on gene regulatory networks reconstruction is a plus for this application.

Essential qualifications include excellent programming skills in languages as Java, Python, Perl and/or R. Additional competences in handling platforms like Cytoscape is an asset for this position.

**Type of contract**

Temporary: 12 months with the option of a renewal for a second term. A competitive salary will be offered on the basis of the candidate’s experience. The offered position will start from January 2020.

**How to apply?** Submit your application to Marco Antonio Mendoza (Team leader SysFate) by email mmendoza@genoscope.cns.fr by including:

- A detailed CV
- The names and contact details of two references
- A 1-page letter of intent describing how your research experiences and interests are aligned with this job offer.