**Postdoctoral position in Mathematical and Computational Network Biology**

**Keywords:** Computational Biology, Multiplex Networks, Data Analysis, Systems Biology

The *Mathematics and Algorithms for Systems Biology* (MABIOS) group in the Marseille Institute of Mathematics (I2M, Aix*Marseille University) has an opening position for a Postdoctoral fellow.

**Project**
The project aims to develop novel strategies to analyze multiplex and heterogeneous biological networks. One of the goal, in particular, will be to provide tissues and disease-specific network contextualization thanks to the integration of -omics data.

**Environment**
The successful applicant will work in an interdisciplinary team of mathematicians and computational biologists, in close collaboration with the *Networks and Systems Biology for Diseases* group in the Marseille Medical Genetics Unit (MMG, La Timone Medical faculty, Aix*Marseille University).

**Qualifications**
- PhD in Computer Science, Applied Mathematics, Computational Biology or related fields.
- Experience in the design and implementation of algorithms applied to the analysis of multi-dimensional data or large-scale networks (based on graph theory, probabilistic modeling and/or artificial intelligence tools).
- A previous experience in the use and development of R/Python packages for biological *-omics* data analysis would be a strong asset.
- Strong analytical and communication skills are also essential.

Please make sure your application includes a letter of motivation, a list of publications, a detailed CV and the contact information of 2 references (including email addresses and phone numbers).

**Offer**
Fully-funded position for 2 years in Marseille, a vibrant city from the south of France. The starting date is expected in Spring 2018. The salary will be based on experience. The MABIOS group is mainly located in the Luminy Campus.

Application can be sent directly to “elisabeth.remy@univ-amu.fr” and “anais.baudot@univ-amu.fr”.

http://mabios.math.cnrs.fr/index.html
https://sites.google.com/site/anaisbaudot/