Bioinformatics Postdoctoral Fellow
NYU Shanghai

Our group focusing on cancer genomics and metagenomics research is now recruiting one bioinformatics postdoc. Our work is to study genetic mechanisms of cancer development and microbiome-host interactions in cancer patients. The lab has long-term experiences in integrated omics data and biological network analysis, and particularly, has developed strategies to study gene network modularity and stability from evolutionary perspective. The lab has established collaborations with several research institutes and hospitals in Beijing, Shenzhen and Hong Kong, and is acquiring cancer genomics/metagenomics data from patients and carrying out integrated data mining using TCGA and COSMIC. The bioinformatics research is to make *in silico* analysis of cancer related mutations, virus integration and genomics variations among patients, taking account of functional genomics information, with the purpose to understand genomic mechanisms in cancer development and metastasis. Applicants should have backgrounds in bioinformatics, computational biology or biostatistics, and/or experiences with *in silico* analysis of high throughput genomics data.

Qualifications:
1. The postdoc candidate should have or is expecting a PhD degree in bioinformatics, computational biology, genomics or system biology. PhD students from computer science or other data science fields are encouraged to apply as well. Candidates with statistical modeling, machine learning of large-scale biological data are highly preferred.
2. Candidates with high through sequencing data analysis and TCGA mining experiences are encouraged to apply.
3. Candidates who have research publications in the above mentioned fields would be given priorities.
4. Fluency in English, team players, and enthusiasm in research.
5. Able to travel between Shanghai and Shenzhen/Hong Kong regularly.

Term and Compensations:
1. Position is for two years. Probation is three months. Contract can be extended at the end of terms with mutual agreements.
2. Salary and benefits are highly competitive.

To be considered, applicants should submit their CV and a cover letter addressing their interest in the position and NYU Shanghai. For more details, and instructions on how to apply please visit our website at http://shanghai.nyu.edu/about/work/fellowships. If you have any questions, please e-mail gang.fang@nyu.edu.

About NYU Shanghai:
NYU Shanghai is the newest degree-granting campus within New York University's global network. It is the first higher education joint venture in China authorized to grant degrees that are accredited in the U.S. as well as in China. All teaching is conducted in English. A research university with liberal arts and science at its core, it resides in one of the world's great cities with a vibrant intellectual community. NYU Shanghai recruits scholars *of the highest caliber* who are committed to NYU's global vision of transformative teaching and innovative research and who embody the global society in which we live.

NYU's global network includes degree-granting campuses in New York, Shanghai, and Abu Dhabi, complemented by eleven additional academic centers across five continents. Faculty and students circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.

NYU Shanghai is an equal opportunity employer committed to equity, diversity and social inclusion. We strongly encourage applications from individuals who are under-represented in the profession, across color, creed, race, ethnic and national origin, physical ability, and gender and sexual identity. NYU Shanghai affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach.

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer