Pharnext is recruiting a highly motivated postdoctoral fellow to conduct research in systems biology. The company is focused on the development of drug combination therapies addressing multiple targets in diseased genetic networks for the treatment of orphan and common human diseases.

**Rattachement :** Département Biologie des Systèmes

**Missions Principales :**

Duties and responsibilities of this post include participation in multi-disciplinary research projects in Systems Biology focused on discovery of cellular signaling networks, implicated in the onset and progression of orphan/common human disorders, and consist of:

- Creation of disease-relevant databases, including external and proprietary genomic, transcriptomic, proteomic and functional data describing disease manifestations on molecular, cellular and organism levels; the candidate is expected to be able to use modern bioinformatics tools to make sense of these data;

- Comprehensive and creative analysis of available experimental data for discovering complex signaling networks, involved in disease etiology, and for understanding their dynamics in disease progression;

- Identification of new therapeutic, disease-relevant targets, formulation of proposals for their experimental validation, based on the drug-repositioning approach and participation in design of experimental protocols;

- Participation in analysis and interpretation of proprietary experimental results;

- Participation in patent deposition, assuring timely and effective IP protection of obtained results.

**Profil recherché :**

- PhD in Biology;

- 3-5 years’ experience within a research or industry environment with specialization in molecular biology, genetics, and analysis of functional genomics data;

- Excellent experience in bioinformatics, namely in applying bioinformatics tools for analysis and modeling of complex signaling networks;

- Excellent communications skills (English and French) and team spirit are required.
Conditions :
- Rémunération : selon profil
- Lieu de travail : Issy-les-Moulineaux

Comment postuler :
Interested candidates should submit a motivation letter, curriculum vitae with list of publications, and, optionally, provide three letters of recommendation or references. Please send all materials by e-mail to: Serguei Nabirotchkine snabirotchkin@pharnext.com.