Postdoctoral Fellows at The Siriraj Laboratory for Systems Pharmacology

The Siriraj laboratory for Systems Pharmacology (SISP) is a new scientific research unit at Siriraj Medical School, located in the heart of Bangkok, Thailand. Our center has diverse research profiles with the overall mission to advance drug development and precision medicine. Current research projects involve various topics including cancer, infectious diseases, and immunological diseases, utilizing novel approaches in molecular and cellular biology as well as high-throughput techniques for drug screening.

Position Overview:

SISP is seeking two postdoctoral fellows to join our team. Candidates will work with a highly collaborative team of scientists. This is an exciting opportunity in systems pharmacology, and will allow the candidate to leverage both industrial and academic data, technologies, and networks of collaborators. Candidates for both positions are expected to conduct his/her research independently and publish their findings in high impact, peer-reviewed journals.

Position 1: Molecular/cellular/cancer biology

The ideal candidate must possess a Ph.D. and has relevant experiences in molecular biology, cell biology, and cancer biology. Experiences in the fields of drug development, high-throughput screening and/or cancer genetics are desirable. Your project will utilize large scale proteomic technology to discover and validate new drug targets. Networks of putative targets will be perturbed with chemical probes to understand the biological consequences of modulating the targets of interest.

Position 2: Modeler / cellular signaling / bioinformatics

The ideal candidate must possess a Ph.D. and has relevant experiences in biomedical engineering, physics, mathematics or computational biology. Experiences in the fields of signaling cascade modeling or big data analysis are desirable. The candidate should be capable of scripting in MATLAB, Python or Perl, and have database experience. The individual will mainly work to excavate information about molecular interactions using pattern recognition techniques. The job will also involve organizing such information for translation into a formal and executable format from which models of cellular signaling are constructed.

To be considered for both positions, please provide a Curriculum Vitae and cover letter in a Microsoft Word or pdf format and email to *sisyspharm@gmail.com.*