

Opportunities at Hong Kong Epitherapeutics Limited

Job descriptions

Hong Kong Epitherapeutics Limited, a new start up in Hong Kong, focused on developing proprietary new DNA methylation based biomarkers of disease is seeking to fill up the following positions. We are looking for people who value perfection and are passionate and dedicated to developing new ideas and new products that make an impact and to grow with a new company at the cutting edge of technology.

1. Lab Manager

We are looking for a talented molecular biologist to direct a small team of research assistants to develop and optimize sets of DNA based markers. The successful candidate will be able to organize and manage a molecular biology lab, purchase and maintain lab equipment and reagents, design and direct experiments, optimize assay conditions, mentor and supervise junior scientists, analyze, report and document experiments, establish, maintain and enforce lab standard operating procedures, communicate and network with other researchers in academic and company settings. The lab manager will report to the scientific director of the company. The successful candidate will show enthusiasm and passion for excellence and perfection, perseverance and diligence and a desire to develop new products that make an impact on human health.

Responsibilities

Setting up the laboratory

Organizing and maintaining lab computer network, data storage, data safety procedures and internet services and interact with service providers.

Acquiring equipment and reagents and organizing the lab

Interacting with service providers in the science park and elsewhere

Maintaining lab functionality

Establishing and maintaining laboratory standard operating procedures

Designing, performing and supervising experiments

Developing procedures for optimizing primers, amplification protocols, next generation sequencing and overall assay design

Analyzing experiments

Organizing lab meetings

Reporting and communicating experiments

Writing reports, presentations, and involvement in grant applications under the direction of the scientific director

Interacting and networking with other scientists in company and academic settings

Managing a team of 2 to 10 junior scientists

Guiding, mentoring and supervising junior scientists

Qualifications

PhD in molecular biology, ideally with two years of postdoctoral experience

Knowledge of molecular biology, bioinformatics and statistics particularly knowledge of R and using python scripts for analyzing DNA sequencing data

Experience with PCR and next generation sequencing

Good computer skills and understanding of data storage and data safety

Organizational skills

Resourcefulness

Leadership skills

Team working skills

Good communication skills

2. Junior researchers

We are looking for talented junior researchers who will be involved in performing experiments to optimize sets of DNA methylation markers for diagnosing disease. The job will require involvement in experimental design, optimization of procedures, performing experiments, reporting experiments and following lab standard operating procedures under the supervision of the lab manager. The researcher will report to the lab manager and interact with service providers and equipment and reagent vendors. The successful candidate will have good knowledge of molecular biology techniques, desire to learn new methods, love for perfection and enthusiasm for developing molecular-based new products.

Responsibilities

Maintaining lab equipment and following lab standard operating procedures

Maintaining laboratory order, organization and functionality

Ordering reagents

Interacting with service providers

Involvement in experimental design

Performing experiments using molecular biology and next generation sequencing techniques

Reporting experiments

Participating in lab meetings

Reporting to the lab manager

Qualifications

Undergraduate studies in molecular biology; the ideal candidate will have a MSc degree in either, biochemistry, molecular biology or related fields

Experience in DNA and RNA preparations, conducting PCR experiments and primer optimization

Knowledge of sequencing techniques

Computer skills

Organizational skills

Ability to work in a team under the guidance of a lab director

Candidates interested in this position should submit their CV and letter of interest by e mail to

Professor Moshe Szyf at:

moshe.szyf@gmail.com