

The over-arching goal of the lab is to dissect the functional roles of non-coding regulatory elements by integrating high-throughput assays and computational biology strategies and disclose the underlying molecular mechanism. The current research directions are:

- 1) binding specificities of RNA binding proteins and interaction with lncRNAs
- 2) the evolutionary trajectories of lncRNAs' secondary structures and function
- 3) single-cell omics

<https://www.cityu.edu.hk/bms/profile/jilinzhang.htm>

**Location:** Hong Kong

**University:** City University of Hong Kong

**Positions:**

### **1. Research Assistant**

#### **Qualifications**

- Bachelor's degree in relevant subjects (molecular biology, bioinformatics etc.).
- Skills in performing basic molecular experiments, such as protein expression and purification.
- Good English listening, reading and speaking skills.
- Interests in computational biology or bioinformatics.
- Meticulous, reliable, and able to work within a team; good communication skills.

Note: Excellent candidates may get PhD position offer.

### **2. PhD Student in Computational Biology (Admission time: 2023 January)**

#### **Qualifications**

- Relevant master's degree, preferably but not limited to bioinformatics and computer science.
- Knowledge in bioinformatics.
- Familiar and confident with Linux/Unix environment, master at least one programming language, such as R, Perl, python.
- Excellent English skills (at least speaking and listening).
- Strong interests in computational biology or bioinformatics.
- Meticulous, reliable and able to work as a team. Good communication skills.
- Preferable but not mandatory, good knowledge of biology and biostatistics.

**Salary:** Set based on the regulations and personal experience.

#### **How to apply:**

Please send the following materials with the subject "position-your\_name" to [jilin.zhang@cityu.edu.hk](mailto:jilin.zhang@cityu.edu.hk) by 23:59 May 4th, 2022.

- 1) The latest CV, which includes education, working & research experience, publications (if any) etc.
- 2) The contact information of two referees (name, email, affiliation and phone number )

#### **Application deadline:**

Research Assistant: 23:59 May 31<sup>st</sup>, 2022

PhD position 23:59 May 4<sup>th</sup>, 2022