**Cryo-EM Facility Manager and Engineer Positions at HIT Center for Life Sciences, Harbin, China**

The Cryo-EM platform at HIT Center for Life Sciences (HCLS, link: <http://hcls.hit.edu.cn/>) is seeking a Cryo-EM facility manager and several engineers. HCLS is about to install several high-end cryo-transmission electron microscopes (300 kV and 200 kV) coupled to direct electron detectors. The Cryo-EM platform is applied to analyze 3D structures of protein molecules, super molecular complexes, cells and subcellular organelle at multiple levels to reveal the mechanism behind their function.

**Responsibilities and Qualifications:**

1. 1 Cryo-EM platform manager

The Cryo-EM platform Manager will be responsible for the maintenance of the Cryo-EM facility and computational infrastructure units such as storage and software updates, development and application of Cryo-EM technologies including SPA or Cryo-ET for high-resolution structural determination. Applicants should have a Ph.D. degree in physics, materials, biology or a related field of science, extensive experience in Cryo-EM or EM. Effective management skills are necessary.

2. 2 Cryo-EM platform research scientists

Cryo-EM platform research scientists will be responsible for the development of technologies and application, and providing practical training for Cryo-EM users. Applicants must have a Ph.D. degree in related areas and rich experience and skillful techniques in Cryo-EM or cell EM.

3. 2 Cryo-EM platform engineers

Cryo-EM platform engineers will be responsible for general maintenance of related instrument, providing practical training and application service for Cryo-EM users. Applicants must have a Ph.D. degree in related areas or other advantages being an engineer (or equivalent) with outstanding skills in related areas. Management ability and service awareness are necessary. Experience in Cryo-EM or transmission EM would be an advantage.

4. 1 Cryo-EM IT engineer

The IT engineer will be responsible for the management and maintenance of Cryo-EM internet, computer cluster and data transmission storage. Applicants must have a master degree or above or outstanding skills in related areas and service awareness. The applicants with experience in Cryo-EM or transmission EM would be highly taken into consideration.

5. 1 mechanical and electronic engineer

Mechanical and electronic engineers will be responsible for electrical equipment, low temperature equipment, air conditioning system and cooling circulating water system. Applicants must have an undergraduate degree or above or outstanding skills in related areas and service awareness.

**How to Apply:**

Candidates should e-mail the application form, CV (with photos) and three recommendation letters to Zhiwei Huang: [huangzhiwei@hit.edu.cn](mailto:huangzhiwei@hit.edu.cn). An internationally competitive salary, working environment and living conditions with fringe benefits are provided according to relevant regulations and policies for talent introduction by Harbin Institute of technology.