

Research Associate in the Cell Cycle in Development Laboratory (Dr Yuu Kimata)

The Cell Cycle in Development Laboratory (PI: Dr Yuu Kimata) is moving from the University of Cambridge (UK) to open a new laboratory at the School of Life Science and Technology (SLST) at ShanghaiTech University in China, and is seeking for qualified applicants for the post of Research Associate in the new laboratory.

The Kimata lab is interested in understanding the molecular and cellular mechanisms by which cell division is integrated with cellular differentiation and tissue formation in multicellular organisms. The lab uses *Drosophila melanogaster* and the mouse intestinal organoid as *in vivo* model systems in combination with various methodologies from biochemistry, proteomics to bioinformatics. For more information of the lab's research, please see <http://www.kimatalab.com/>, <https://www.gen.cam.ac.uk/research-groups/kimata>.

Successful candidates will have some laboratory experience in biomedical research and will demonstrate advanced written and oral English skills, excellent organisational and time management skills. A person with collaborative and positive attitudes will best suit this position.

Responsibilities:

The primary task of the Research Associate is to provide technical support to lab members to ensure efficiency and success in carrying out experiments and to enhance the overall productivity. After initial training provided by Dr Kimata, the Research Associate will perform a wide range of experiments including genetic analysis with *Drosophila*, preparations and confocal imaging of *Drosophila* and mammalian tissue samples, molecular cloning, western blotting, and cell culture. These tasks will provide opportunities for co-authorship of any resulting scientific papers. Upon demonstration of good experimental and time management skills, the opportunity to learn more elaborate experiments and lead an independent research project will be provided.

In addition to technical assistance, the Research Associate is expected to assist Dr Kimata and lab members with general running of the laboratory and administration work, which includes:

- organisation and record-keeping of communal stocks and reagents
- ordering lab consumables and equipment and monitoring laboratory expense
- maintaining high standard of organisation of the lab space
- assistance of Dr Kimata with University administrative work and teaching-related work

The laboratory focuses on the career development of the research associate and supports their career planning.

Required skills/qualifications:

1. The native-level of written and oral Chinese (Mandarin)
2. The advanced or upper-intermediate levels of written and oral English
3. Bachelor's degree in biomedicine-related subjects
4. Excellent interpersonal skills and teamwork
5. Excellent organisational skills and time management skills

Desirable:

1. Experience in biomedical research. Research experiences in *Drosophila* genetics, mammalian cell culture, biochemistry, molecular biology, and bioinformatics will be advantageous.
2. Master's degree or PhD in biomedicine-related subjects
3. Collaborative and cooperative attitude
4. strong sense of responsibility

Application process:

Qualified applicants are requested to provide the following items (in English):

1. A cover letter describing your interests and professional goals
2. Curriculum Vitae including academic background and work experience
3. List of publications and PDF files of three best papers (if applicable)

4. Contact details of two or three referees, one of which must be your most recent supervisor/line manager. References will be requested after the initial selection.

Applicants who are interested in this position should submit the above documents directly to **Dr Yuu Kimata** via e-mail: yk299@cam.ac.uk. At the same time, applicants should also complete **the online application form** using the Shanghai University of Science and Technology Talent Recruitment System (<http://jobs.shanghaitech.edu.cn/>) following the instruction. Shortlisted candidates will be contacted and interviewed by Dr Kimata.

The selection process will commence after **30st June 2018** and will continue until the position is filled.

Contact: Any informal enquiries should be directed to Dr Kimata via e-mail: yk299@cam.ac.uk