

August 7, 2019

RE: New postdoc position at the National University of Singapore

Dear colleagues,

We are recruiting a new postdoc in my lab, based in the Centre for BioImaging Sciences, Department of Biological Sciences at the National University of Singapore, Singapore.

The candidate will investigate how chromatin organization changes at the macromolecular level when cells are genetically or chemically perturbed. This project will exploit state-of-the-art technologies such as cryosectioning, cryo-FIB, electron cryotomography, 3-D classification, and subtomogram averaging. Examples of our recent related work is available here: [www.anaphase.org/papers](http://www.anaphase.org/papers)

The Centre of BioImaging Sciences is equipped with state-of-the art instrumentation, including a Titan Krios cryo-TEM with a Falcon II direct-detection camera, a T12 cryo-TEM, a Vitrobot plunge freezer, a high-pressure freezer, a UC7/FC7 cryomicrotome, and a Helios FIB-SEM. Core proteomics, light microscopy, and cell-culture facilities are also available. Training in the theory and operation of key equipment and software is provided by dedicated staff. In addition to active efforts to acquire a K3 camera, our lab is in the middle of upgrading our computing resources to the latest GPU servers.

Access to other equipment, such as a K2/K3 camera, energy filter, and light cryomicroscopes is available through our established collaborations or through local and international cryo-EM facilities. The candidate will also interact with our long-term collaborators.

The candidate must have a strong publication record in the broad areas of biology, chemistry, computer science, engineering or physics.

Interested candidates should send a cover letter, CV, and contact info of three references to Lu Gan. Additional details about our group can be found on our website ([www.anaphase.org](http://www.anaphase.org)).

Cheers.

Lu