



Postdoc positions at Academia Sinica

Two postdoc positions are immediately available to work in Dr Shang-Te Danny Hsu's laboratory at the Institute of Biological Chemistry, Academia Sinica, focusing on the following projects:

- Impact of cancer-associated mutations on the structure-activity relationship and amyloidogenesis of an important oncogene suppressor, BAP1
- Structural basis of substrate recognition by the human proteasome based on atypical ubiquitination

Both will require the use of cryo-EM single particle reconstruction in addition to extensive biochemical and biophysical tools.

We are looking for highly motivated individuals who have a strong track record in structural biology, biophysics and/or ubiquitin biochemistry. Prior experience in protein structure determination, particularly by using X-ray crystallography and/or cryo-EM, is highly desired.

Academia Sinica is the premier national research institute in Taiwan. It houses the state-of-the-art research infrastructures, including cryo-EM (<http://cryoem.ibt.sinica.edu.tw/>), mass spectrometry (<https://sites.google.com/view/ascmsf/>) and biophysics (<http://bcf.daais.sinica.edu.tw/>). Furthermore, our institute is well-equipped to support all aspects of biochemical, biophysical and cell biology research (<https://www.ibt.sinica.edu.tw/facilities/>). We also provide excellent training on the job opportunities with regularly organized training courses and workshops.

Prospective candidate should send his/her CV and contact information of two references to Dr Shang-Te Danny Hsu by email (sthsu@gate.sinica.edu.tw).

Representative publications from the Hsu laboratory

- JCB (2022) <https://doi.org/10.1083/jcb.202201094>
- JMB (2022) <https://doi.org/10.1016/j.jmb.2022.167553>
- JBC (2021) <https://doi.org/10.1016/j.jbc.2021.101238>
- PLoS Pathog. (2021) <https://doi.org/10.1371/journal.ppat.1009704>
- NSMB (2021) <https://doi.org/10.1038/s41594-021-00652-z>
- PNAS (2020) <https://doi.org/10.1073/pnas.1908898117>