



中央研究院冷凍電子顯微鏡中心

ASCEM Academia Sinica Cryo-EM Center



Workshop 工作坊

(register deadline: 2020/07/01, limited to 20 attendees)

CryoEM Single Particle Analysis Workshop

What you need to know as a team leader

24 - 27 August 2020

Institute of Biological Chemistry, Academia Sinica

- ☺ Promote CryoEM research
- ☺ Have basic cryoEM SPA knowledge
- ☺ Provide some case examples for discussion

Lecturing Team

DR. MENG-CHIAO HO Associate Research Fellow *Institute of Biological Chemistry*

DR. YUAN-CHIH CHANG Manager of CEM2-Tecnai G2 F20 TWIN *ASCEM*

DR. CHUN-HSIUNG WANG Manager of CEM3-Talos Arctica *ASCEM*

DR. YI-MIN WU Manager of CEM4-Titan Krios *ASCEM*

DR. CHENG-HAN YANG Project Manager *Taiwan Protein Project*



Online Register:
reurl.cc/arZ2N3

- Limited **Hand-on Practice: vitrobot, beam alignment & EPU setup**

(Tentative schedule)

Time	08/24 (M)	08/25 (T)	08/26 (W)	08/27 (TH)
09:30-10:00	Registration/Ice breaker event			
10:00-11:00				
11:00-12:00	Why cryoEM now?	It is all about sample. From Protein to grid What is the common issues?	3D refinement	Modeling
13:00-13:30	ASCEM & cryoEM-SPA 101	Data process: Motion Corr/CTF/2D classification/Ab initio	Computing resource	Relion
13:00-15:00			cisTEM	
15:30-18:30	Hands-on practice @ ASCEM	Hands-on practice @ ASCEM	Hands-on practice @ ASCEM	

