



中央研究院冷凍電子顯微鏡中心

ASCEM Academia Sinica Cryo-EM Center



Workshop 工作坊

Workshop on Sample Preparation for Cryo Tomography

18 - 20 JUNE 2019 at Interdisciplinary Building Academia Sinica

Reveal cellular mechanisms at subnanometer resolution in 3D

To fully investigate complex biological mechanisms, life science researchers require reliable structural information of target molecules within their subcellular context. To achieve this, the target molecules and their cellular environment need to be accurately resolved at subnanometer resolution. This workshop addresses the question how to prepare, handle and image your sample to target your structure of interest for subsequent cryo tomography analysis. Learn how to use the Leica EM Cryo CLEM for targeting your structures of interest under cryo conditions and how to prepare vitrified samples using the Leica EM ICE high pressure freezer.

Free participation & 5 Hands-on sessions for register

Register contact: UNION OPTICAL & INSTRUMENTS LTD. (Mr. Mark Lin) unionopt@ms11.hinet.net (02)2698-0508

AGENDA

6/18 Tue.

@ Rm. B106 for morning talks

@ Rm. A102 for hands-on
(跨領域大樓1F)

09:00-09:30 Welcome

09:30-12:00 EM CryoCLEM, EM ICE
introduction talks

12:00-13:00 Buffet

13:00-16:00 Hands-on: CLEM

16:00-17:00 Discussion & Conclusion

6/19 Wed.

@ Rm. A102 (跨領域大樓1F)

09:00-09:30 Quick summary
talks

09:30-12:00 Hands-on: EM ICE
12:00-13:00 Lunch

13:00-16:00 Hands-on: CLEM
16:00-17:00 Discussion &
Conclusion

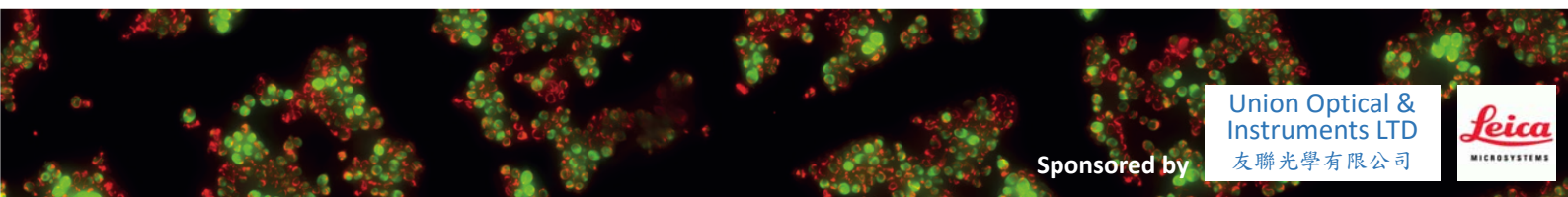
6/20 Thur.

@ Rm. A102 (跨領域大樓1F)

09:00-09:30 Quick summary
talks

09:30-12:00 Hands-on: EM ICE
12:00-13:00 Lunch

13:00-15:00 Hands-on: CLEM
15:00-16:00 Discussion &
Conclusion



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