

Program Overview

	11 AUG (SUN)	12 AUG (MON)	13 AUG (TUE)	14 AUG (WED)	15 AUG (THU)	16 AUG (FRI)	17 AUG (SAT)
07:30-09:00		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
09:00-09:15		Registration					
09:15-09:30		Opening Ceremony					
09:30-10:30		Open Lecture 1 Prof. David G. DRUBIN “Harnessing Actin Dynamics for Endocytic Trafficking”	Open Lecture 3 Prof. Natasha V. RAIKHEL “Chemical Biology & Endomembrane Trafficking”	Open Lecture 5 Prof. Richard R.BEHRINGER “Organogenesis in the Mouse”	Lab 4 “Advanced Techniques in Microscopy” <ul style="list-style-type: none"> Confocal Microscopy Transmission Electron Microscopy & High Pressure Freezing Spinning Disc Confocal Data Analysis using Imaris 	Lab 5 “Experiments Using Your Own Samples”	Check-out (Before noon)
10:30-11:00		Group Photo & Tea Break	Tea Break	Tea Break			
11:00-12:00		Open Lecture 2 Prof. Juan S. BONIFACINO “Mechanisms of Polarized Sorting in Neurons”	Open Lecture 4 Prof. Jen SHEEN “Glucose Signaling Networks”	Open Lecture 6 Prof. Randy W. SCHEKMAN “Origin & Function of the Autophagic Membrane”			
12:00-13:00		Lunch	Lunch	Lunch	Lunch	Lunch	
13:00-13:30	Check-in	Technical Lecture A Prof. David G. DRUBIN “How to Study Endocytosis in Yeast and Mammalian Cells”	Technical Lecture C Prof. Natasha V. RAIKHEL “Chemical Biology in Plant Cells”	Technical Lecture E Prof. Richard R.BEHRINGER “Gene Knock-out Techniques “	Lab 4 (con’t) “Advanced Techniques in Microscopy” <ul style="list-style-type: none"> Confocal Microscopy Transmission Electron Microscopy & High Pressure Freezing Spinning Disc Confocal Data Analysis using Imaris 	Lab 5 (con’t) “Experiments Using Your Own Samples”	
13:30-14:00		Technical Lecture B Prof. Juan S. BONIFACINO “Advanced Imaging Techniques”	Technical Lecture D Prof. Jen SHEEN “Using Plant Protoplasts”	Technical Lecture F Prof. Randy W. SCHEKMAN “ <i>In vitro</i> Vesicle Reconstitution”			
14:00-14:30		Lab 1 “Ion Channel Analysis with Patch Clamp” (Person in Charge : Prof. Xiao Qiang YAO) Pre - Lab Talk 1 “Super Resolution Microscopy” Pre - Lab Talk 2 Prof. Xiao Qiang YAO “Patch Clamp and Its Application”	Lab 2 “Transient Expression in Plant Cells” (Person in Charge : Dr. Hao WANG) Pre - Lab Talk 3 Dr. Hao WANG “High Pressure Freezing in TEM”	Lab 3 “Stable Expression in Animal & Plant Cell Lines” (Person in Charge : Mr. Andrew LIU) Pre - Lab Talk 4 Prof. Wei GE “Genome Editing with TALEN” Pre - Lab Talk 5 Prof. Kin Ming KWAN “Conditional Knockout Mice Technology”			
14:30-18:30					Student Presentation & Awards Ceremony		
18:30-19:30		Welcome Dinner	Dinner	Dinner	Dinner	Closing Dinner & Social Activities	
19:30-21:30	Evening Discussion on Scientific Research 1	Evening Discussion on Scientific Research 2	Evening Discussion on Career Development	Data Analysis & Preparation for Presentation			