

第 39 屆生物夏令營會議議程

2024/6/26 (Wednesday)		
12:00~13:50	Registration	
13:50~14:00	Opening Remarks	
14:00~14:50	Plenary Talk I (黃韻如 教授)	
15:00~15:30	Coffee Break	
15:30~16:50	Session 1A: Tumor Microenvironment	Session 1B: Dynamic Cell Biology research focuses on the mechanisms and systems that allow cells in the body to perform their huge diversity of functions.
	主持人：王憶卿 教授	主持人：李芳仁 教授
	王紹椿: Tyrosine phosphorylation of PCNA in cancer cells: a strategy to evade immune surveillance	劉雅雯: Dynamin Dynamics: Unveiling its Role in Biomembrane and Cytoskeleton Remodeling
	李岳倫: Mitochondria as a hub in the tumor microenvironment present solutions for better cancer immunotherapy	林玉俊: The tentative title: “Precise control of microtubule structures and intracellular trafficking”
	王憶卿: Impact of post-translational modifications of PD-1 on the tumor microenvironment	陳光超: Molecular Regulation and Functional Dynamics of Autophagy in Development and Disease
17:00~18:00	Check-in/ Poster	
18:00~19:30	Reception	
20:00~ 21:00	Round Table Discussion	
	Group 1: 生物科學學門召集人：龔宏源 教授 生化及藥理醫學學門召集人：鄭子豪 教授	Group 2: 型態及生理醫學學門召集人：連正章 教授 微免及檢驗醫學學門召集人：徐立中 教授

2024/6/27 (Thursday)		
7:30~ 9:00	Breakfast	
9:00~ 9:50	Plenary Talk II (鄭子豪 教授)	
9:50~10:00	Group Photo	
10:00~10:30	Coffee Break	
10:30~11:50	<i>Session 2A:</i> Cell and Gene Therapy	<i>Session 2B:</i> Nucleic Acid Biology
	主持人：黃彥華 教授	主持人：龔宏源 教授
	郭紘志: Induced Pluripotent Stem Cell-Based Disease Modeling and Gene Therapy	陳曄: Structure and Evolution of Cyclic Oligonucleotide Mediated Bacterial Immunity against Phages
	賴品光: Untangling the Networks of Big and Small Extracellular Vesicles	朱雪萍: Telomeric repeat-containing RNA increases with human aging
	王慧菁: Employing mRNA Technology in Challenging Cell Types and Model Organisms	譚賢明: Functional Interpretation of RNA Editing in Development and Behavior
12:00~13:30	New Technology Workshop (Sponsor)	
13:30~16:00	生態導覽 (馬武督探索森林)	
16:00~17:20	<i>Session 3A:</i> CNS Injury and Regeneration	<i>Session 3B:</i> Plant Development
	主持人：陳令儀 教授	主持人：楊長賢 教授
	劉倬昊: Functional restoration following central nervous system injuries: Challenges of clinical translation	謝旭亮: Cross-talks between photoreceptors and FIN219/JAR1 in regulating Arabidopsis seedling development

	莊健盈: Treatments of brain trauma: utilizing pharmacotherapy and transcranial electrical stimulation	林詩舜: RNA silencing is not as silencing as you imagine
	陳令儀: Development of small molecule compounds to promote neuronal regeneration after traumatic brain injury	楊俊逸: Molecular and biological properties of phytoplasmas
17:30~19:30	Banquet	
19:30~21:30	Poster Session (Group A/B)	
20:00~21:00	科學溝通工作坊： 主講人：陳璽尹博士（台灣科技媒體中心執行長） 主題：科學溝通－專家、媒體與公眾之間	

2024/6/28 (Friday)		
7:30~ 9:00	Breakfast	
9:00~10:20	<i>Session 4A:</i> Brain Circuits and Behaviors – from Worms, Flies to Mice	<i>Session 4B:</i> Cellular Dynamics in Health and Diseases
	主持人： 連正章 教授	主持人： 陳俊宏 教授
	許翹麟: The neuronal and hormonal circuit that mediate the gut-to-brain diet-induced longevity signal	楊維元: Mitochondrial positioning under stress
	林書葦: Decoding the Drive: How Neural Circuits Translate Food Scents into the Urge to Forage	詹智強: Sphingolipid profiling reveals functional roles of sphingomyelinases in microcephaly
	連正章: Using opto-/chemo-genetic actuators to interrogate brain circuits and control avoidance behavior	夏國強: HURP binding to the vinca domain of β -tubulin accounts for cancer drug resistance
10:20~10:50	Coffee Break	
10:50~11:40	Plenary Talk III (司徒惠康 院士)	

11:40~12:00	Closing Remarks
12:00~13:30	Lunch
13:30~	Departure