

# 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	<b>Plenary Talk I (黃韻如 教授)</b>	
15:00~15:30	Coffee Break	
15:30~16:50	<i>Session 1A:</i> Tumor Microenvironment	<i>Session 1B:</i> 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	
	<i>Group 1:</i> 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	<i>Group 2:</i> 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	<b>Plenary Talk II (鄭子豪 教授)</b>	
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

	<p>莊健盈: Treatments of brain trauma: utilizing pharmacotherapy and transcranial electrical stimulation</p>	<p>林詩舜: RNA silencing is not as silencing as you imagine</p>
	<p>陳令儀: Development of small molecule compounds to promote neuronal regeneration after traumatic brain injury</p>	<p>楊俊逸: Molecular and biological properties of phytoplasmas</p>
17:30~19:30	Banquet	
19:30~21:30	Poster Session (Group A/B)	
20:00~21:00	<p>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</p>	

## 2024/6/28 (Friday)

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

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