

# 第三十九屆生物夏令營海報資訊

Group	編號	Poster	Title
A	1	林珮君	Custom services for mRNA technology in difficult-to transfect cells and animal models
B	2	丁慧如	Predictive Production of New Highly Soluble Glucosides Biotransformed from Natural Compounds with Potent Bioactivities
A	3	吳權娟	Structural insight into mtDNA degradation
B	4	李以如	Insights from a unique yeast on nuclear envelope assembly, sexual reproduction, and pathological nuclear structures
A	5	李青濤	Study the pathophysiology role of retinal endothelial cell specific protein GNAZ upon the dark and blue-light condition, as well as their clinical applications
B	6	林琦然	Characterize the regulation of pathogenicity in human fungal pathogens
A	7	李政昇	Repair of DNA double-stranded breaks in <i>S. cerevisiae</i> is regulated by cohesin-mediated loop extrusion
B	8	翁瑞霞	Systemic inflammatory control by the liver
A	9	袁維謙	Targeting Hippo-YAP pathway in liver cancer therapy
B	10	周雅菁	Study the genetic and environmental factors of endometriosis
A	11	張瀨文	Elucidating the Role of Genetic Basis of Mitochondrial DNAJA3 in the Progression of NAFLD to NASH-Related Hepatocellular Carcinoma
B	12	曾振圓	Exploring the genetic and molecular drivers of stem cell competition and aging in <i>Drosophila</i>
A	13	Chikuma, Shunsuke (竹馬 俊介)	How auto-reactive T cell survive and cause autoimmune diseases
B	14	靖永皓	Functional analysis of novel disease-causing genes of Usher Syndrome (USH)
A	15	劉翰璇	Investigate the underlying mechanism of dendrite degeneration and repair in diseases and aging using <i>Drosophila</i> peripheral sensory neurons as a model
B	16	邱于芯	Pharmacologically Targeting Large-pore Pannexin 1 Channels as A New Strategies for Functional Tissue Repair
A	17	蔡欣祐	The Impact of Regnase-1 on M2a Macrophage Function and Its Relevance in Tumor Growth
B	18	賴弘岳	The integration of health records and omics data in VTE patients with specific gut microbiota composition
A	19	施銘杰	Evidence-splitting in binary-outcome network meta-analysis using generalized linear mixed model
B	20	賴財春	Exploring the mechanisms of systemic inflammation induced by airborne particulate matter and its therapeutic approaches
A	21	王韋然	Combating cancer resistance: the role of multidrug resistance, metabolism, and immunomodulation in overcoming chemotherapeutic challenges
B	22	段立珩	Allostasis and Mechanisms of Chronic Sleep Insufficiency on Adolescent Brain Development
A	23	王嵐欣	Loss of MLL4 licenses epithelial cells to initiate tumor formation
B	24	李育儒	A genome-wide gain-of-function CRISPR screen uncovers a novel LncRNA Myca-MYC axis in controlling tumorigenesis and anti-tumor immunity
A	25	徐子勝	The Potential of Treg Instability and Fragility in Cancer Immunotherapy
B	26	李易撰	Structural Biology Applied to Cancer and Disease Mechanisms
A	27	姜為中	The driving forces of mitochondrial outer membrane rupture during Parkin-mediated mitophagy
B	28	高茂傑	<i>Helicobacter pylori</i> employs a general protein glycosylation system for the modification of outer membrane adhesins
A	29	黃珍語	Enhancing Maturation, Disease Modeling, and CRISPR Treatment in hiPSC-Derived Cardiovascular Microtissues
B	30	趙需文	Whole-nucleus Elimination Prevents the Initiation of Liver Tumor
A	31	陳子福	Multi-omics of snake venom protein: Exploring venom evolution, function and applications
B	32	鄭任鈞	Urbanization alters web architecture and body coloration in a nocturnal orb-weaving spider
A	33	顏賢章	HP1a-mediated heterochromatin formation suppresses high dietary sugar (HDS)-induced cancer cachexia
B	34	陳韋靜	Uncovering the biological function of KRAS isoforms in cancers
A	35	林廷郁	<i>Bidens pilosa</i> promotes the survival rate and laying performance of aged laying hens by modulating intestinal microbiota
B	36	林雅婷	Exploring the regulation of central neuropeptide FF on insulin sensitivity and metabolic abnormalities
A	37	黃千瑜	Unraveling Colorectal Cancer Progression and Treatment: Signaling Pathways and Potential Therapeutic Targets
B	38	林韋伶	High-density Lipoprotein Induces Arginase 1 Expression in M1 Macrophages
A	39	陳虹如	Monocyte activation and neurotoxicity of hyperphosphorylated tau oligomers
B	40	廖品超	Mitochondrial Quality Control by the Ubiquitin-Proteasome System: Mitochondria-Associated Degradation (MAD)
A	41	麥德倫	Understanding the regulatory roles of circular RNAs on the pathogenesis of autism
B	42	蕭貴陽	Exploration of the Molecular Functions and Application of Circular RNA
A	43	鄭惠春	Molecular Mechanisms Regulating Centrosomes and Microtubule Dynamics
B	44	王書品	The Oncogenic and Epigenetic Mechanism of the Chromatin Modifier MLL4/KMT2D in Acute Myeloid Leukemia
A	45	朱自淳	Targeting the Inhibition of NLRP3 Inflammasome in Huntington's Disease: Therapeutic Insights and Innovations
B	46	謝琬甄	Exploring the role of colonic T cells homeostasis and gut microbiota in inflammatory bowel disease and colorectal cancer
A	47	林玉儒	Constructing a yeast to express PET hydrolase and its variant for improving the efficiency of PET degradation
B	48	劉懿璇	Rejuvenation of anti-cancer responses using novel multifunctional nanoparticles to block CTLA-4 and downregulate ICER
A	49	郭勇哲	Satb2 Mediates the Establishment of Laminin-Dependent Niche for Primitive Sex Cord Organization during Gonadogenesis
B	50	陳嘉霖	Revealing the role of TEAD4 in cancer metabolism during cancer progression
A	51	張筱涵	The application of pathogen genomics and mathematical modeling on infectious disease epidemiology and control
B	52	孫玉珠	Insights into the molecular mechanism of ParABS system in chromosome partition by HpParA and HpParB