



生物醫學聯合學術年會

2022 The 36th Joint Annual Conference of Biomedical Science

大會議程 Program at glance

時間 / 地點	03月25日				
	線上論文Q&A				
09:00-12:00	毒物學會壁報論文	免疫學會壁報論文	臨床生化學會壁報論文	解剖學會壁報論文	分子影像學會壁報論文
12:00-13:30	中場休息				
13:30-17:00	藥理學會壁報論文	生理學會壁報論文	生化學會壁報論文	細分學會壁報論文	

台灣生物化學及分子生物學學會

3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
第一組	BC01	鄭宜欣	TAF2, a Subunit of General Transcription Factor II D, Controls Cell Proliferation Specifically Through Activating the Ribosomal Protein Genes	鄭宜欣, 陳威儀	分子生物學(Molecular Biology)
	BC02	楊雯婷	Centrosomal Glutamylation Recruits NEDD1-??-tubulin Complex to Ensure Its Functions	洪詩容1#, 楊雯婷1#, 宋秋嫻1#, 莊貽茜1, Lohitaksh Sharma1, 張雅筑1, 廖冠儒2, 林俊宇1, 林宜璇3, 葉弘璋1, 鄭惠春4, Lily 王慧菁2, 王婉菁3, 鄭育奇1, 林玉俊1,5*	分子生物學(Molecular Biology)
	BC03	范嘉榕	Nuclear Deformation is Driven by AKT2-mediated Lamin A Phosphorylation during Cancer Epithelial-to-mesenchymal Transition	范嘉榕 · 張崧年 · 褚璟彤 · 陳鴻震	分子生物學(Molecular Biology)
	BC04	李啟恆	Crosstalk between CST and RPA regulates RAD51 activity during replication stress	李啟恆1, 楊翰霖2, 張皓衍1, 葉欣怡1, 李子于2, 李弘文2, 龔宏源1, 5	生物化學(Biochemistry)
	BC05	黃譚蔓	Rigidity-activated kinesin-1 promotes muscle regeneration	黃譚蔓1, 陳胤全2,3, 游麗如1, 林中煒1, 劉燕雯1, 郭津岑1,2	老化醫學(Aging Medicine)
	BC06	丁歡愉	Characterize the Role of Phosphorylated- Apoptotic Proteins in Cellular Senescence	王星喬 · 林敬哲	老化醫學(Aging Medicine)
	BC07	張芊惠	Investigation of the Mechanisms for Novel SHQ1 Mutations in the Pathogenesis of Brain Developmental Disorder	張芊惠, 黃嘉偉, 王麗君, 李旺祚, 蔡金吾	神經學(Neuroscience)
	BC08	蘇家瑩	Mechanism and Modeling of Human Disease-Associated Intronic Variants that Perturb RNA Splicing	蘇家瑩、江宏倫、陳宜廷、林信男、余承欣、洪鈺荏、王允麟、黃彥棕、林倩伶	系統生物學 (Systems Biology)
	BC09	邱雅貞	Neuroprotection of Flavone Compounds Quercetin and Apigenin Against A β Toxicity via Inhibition of A β Aggregation and Activation of TRKB Signaling in A β -GFP SH-SY5Y Cells	邱雅貞, 鄧仔珊, 李桂楨	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC10	劉婕妤	Investigating neratinib-induced cholesterol biosynthesis as a resistance pathway for combinatorial therapy in breast cancer	劉婕妤, 黃振綜, 謝巧慧, 黃宣誠, 阮雪芬	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC11	楊永泓	The Effects of Chinese Herbal Medicine, Guiluer-Xianjiao, on Cartilage Induced by Mesenchymal Stem Cells	楊永泓1, 邱仁輝4,5, 傅淑玲1, 王致又1,2,3	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC12	林顏修淇	A mitochondria-plasma membrane fusion machinery regulates mitochondrial ATP synthase translocation to the cell surface	林顏修淇1, 張怡雯1, 黃宣誠2,* , 阮雪芬1,3,4,*	分子生物影像(Molecular Imaging)
	BC13	林心滢	Matriptase-2/NR4A3 axis switches TGF- β action toward suppression on prostate cancer cell invasion, tumor growth and metastasis	林心滢, 柯俊榮, 駱子瑜, 吳尚儒, 藍紹璋, 林欣賢, 蕭培文, 李明學	腫瘤學(Oncology)
	BC14	李明倫	ABRACL is Regulated by miR-145-5p and has a Role in Modulating Focal Adhesions in Lung Adenocarcinoma Cells	李明倫1, 蕭博元1, 吳孟哲1, 吳旻璵1, 葉奕成3, 周德盈1,3,4,5, 郭津岑1,5, 陳美瑜1,2,5,*	腫瘤學(Oncology)

台灣生物化學及分子生物學學會

3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
第二組	BC15	黃昭維	Effects of the Transcription Elongation Factor Spt4 on RNAP II Stalling and Genome Instability in Lengthy Tri-nucleotide Repeats	黃昭維1, 張舜延2, 高承福2, 鄭子豪1,3*	分子生物學(Molecular Biology)
	BC16	洪振育	Adhesion-mediated nuclear deformability promotes cancer metastasis	洪振育1, 陳胤全2, 郭津岑1*	分子生物學(Molecular Biology)
	BC17	王奕勳	MAPK Hog1 regulates Arl1 activation at the late-Golgi via phosphorylation of Arf-GEF Syt1	王奕勳1, 許家維1, 游佳融2, 李芳仁1, 3*	分子生物學(Molecular Biology)
	BC18	劉東璋	The crystal structures of APE1 binding with end-dsDNA complex reveals the mechanism of substrate selection	劉東璋, 林俊廷, 張楷成, 郭鎧璋, 蕭育源*	分子生物學(Molecular Biology)
	BC19	何沛萱	Plasma Gelsolin Deficiency Promotes Cancer Progression and Fosters a Fibrotic Tumor Microenvironment	何沛萱, 謝智雄, 張維倫, 王憶卿	腫瘤學(Oncology)
	BC20	郭靖	Ankyrin domain-containing protein 13A is a Mitophagy Factor for Parkin-mediated Mitophagy	郭靖, 朱瑋華, 林瑀暘, 姜為中	生物化學(Biochemistry)
	BC21	顧家綸	Investigate the Biochemical Activities of RAD51 Paralogs in Reversed Fork Dynamics	顧家綸1, 李啟恆1, 江宜蓁1, 邱鈺惠1, 龔宏源1*	生物化學(Biochemistry)
	BC22	馮香菩	Post Translational Modifications Regulates the Nucleocytoplasmic Distribution and Oncogenic Function of KPNA2 in Non-Small Cell Lung Cancer	馮香菩1, 游佳融1,2,3,4 *	生物化學(Biochemistry)
	BC23	鍾佳宸	Investigating the regulatory mechanism of mitochondrial dynamics by serpinB2/TGM2 during senescence	Chia-Chen Chung, Chia-Li Liao, and Jing-Jer Lin	老化醫學(Aging Medicine)
	BC24	Rakesh Kulkarni	FAM21 is critical for TLR2/CLEC4E-mediated Dendritic cell function against Candida albicans Infection	Siti Khadijah1,2, Shu-Yun Tung2, Kun-Hai Yeh2, Albert Yu2, Wen Chang2*	免疫(Immunology)
	BC25	林采諭	Molecular mechanism of novel FOXP1 variants in causing cortical malformations	林采諭, 鄭皓元, 李旺祚, 王麗君, 侯珮珊, 蔡金吾	神經學(Neuroscience)
	BC26	王瑞嘉	The role of TET2-mediated m5C RNA demethylation in iPSCs-derived cardiomyocytes after SARS-CoV-2 infection	簡千栩 · 陳燕彰 · 邱士華	幹細胞(Stem Cell)
	BC27	潘致愷	ICAM2 Mediate the Specificity of Leptomeningeal Carcinomatosis in Triple-Negative Breast Cancer (TNBC)	潘致愷1, 呂佩融1*	腫瘤學(Oncology)
	BC28	劉易姍	IL6/JAK2 signal promotes PD-1 phosphorylation and protein stability to drive T cell exhaustion and immunosuppressive tumor microenvironment	劉易姍 · 王憶卿	腫瘤學(Oncology)

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第三組	BC29	林昕儀	A specific HDAC8 inhibitor combines with temozolomide: novel promising therapeutics for targeting human colon colorectal cancer	林昕儀1,2, 柯慧君1,2, 邱顯肇2, 蔡政宇1,3, 黃奇英4, 洪義人1,2*	分子生物學(Molecular Biology)
	BC30	邱婉筠	Glucose Starvation-Induced Arf-GAP Gcs1 Phosphorylation Attenuates The Effect on GTP-hydrolysis by Arl1 Small GTPase	邱婉筠 1, 吳雨潔1, 游佳融2, 李芳仁1, 3 *	分子生物學(Molecular Biology)
	BC31	Maria Angelina Sitorus	Artemisia argyi promotes Tid1 expression and mitochondrial stability in Warthon's jelly derived mesenchymal stem cells against hypoxia induced cardiac hypertrophy and apoptosis in H9c2	瑪麗亞	分子生物學(Molecular Biology)
	BC32	Hema Sri Devi	Inhibition of CTDSPL by Mir-100-5p enhances cell cycle-mediated chemoresistance in oxaliplatin-resistant in colorectal cancer	赫瑪	分子生物學(Molecular Biology)
	BC33	林均澧	PCTK1 Regulates Secretory Pathway in NSCLC Cell Lines	林均澧, 翁榮煊, 邱全芊	分子生物學(Molecular Biology)
	BC34	黃翊雯	Influences of NS2 on Influenza A Viral Production via Its Ubiquitination	黃翊雯, 陳紀元, 邱亞芳	分子生物學(Molecular Biology)
	BC35	蔡翔勝	NS protects degradation of nascent DNA at stalled forks	蔡翔勝 · 龔宏源 · 廖泓鈞	分子生物學(Molecular Biology)
	BC36	林志信	Virtual Screening and Testing of GSK-3 Kinase Inhibitors Using Human SH-SY5Y Neuronal Cells Expressing Tau Folding Reporter and Mouse Hippocampal Primary Neuron Culture Under Tau Cytotoxicity	林志信1,2, 孫英傑3, 吳逸如2, 李冠群1, 謝秀梅1, 李桂楨1*	分子生物學(Molecular Biology)
	BC37	賴俊霖	Transcriptional Activation of Keratin 14 in Metastatic Head and Neck Cancer Cell	賴俊霖 1, 陳威儀 1,2	分子生物學(Molecular Biology)
	BC38	許少凡	Study of Small Molecules That Induce Autophagic Degradation of Expanded PolyQ Protein Through Interaction with Both Mutant ATXN3 and LC3	許少凡, 李桂楨	分子生物學(Molecular Biology)
	BC39	張羽萱	The protective effect of probiotics on semi-transected spinal cord injury in rats	張羽萱 · 蔡銘祝	分子生物學(Molecular Biology)
	BC40	翁鈺達	Using Neuroblastoma SH-SY5Y Cells Expressing Pro-aggregant ΔK280 TauRD-DsRed Folding Reporter to Screen TRKB Agonists as Alzheimer's Disease Treatment Strategy	翁鈺達, 李桂楨	分子生物學(Molecular Biology)
	BC41	蔡佩娟	Functional characterization of yeast golgin Imh1 in vesicle trafficking	蔡佩娟1, 游佳融2, 李芳仁1,3*	分子生物學(Molecular Biology)
	BC42	林德嫻	Virtual Screening and Molecular Modeling to Develop Potential Small Molecule TRKB Agonists and Testing in Tau/Aβ Folding Reporter Cells	林德嫻, 邱雅貞, 孫英傑, 李桂楨	分子生物學(Molecular Biology)

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第四組	BC43	陳瀚翔	Identification of Antiviral Carbon Quantum Dots Targeting the Japanese Encephalitis Virus Envelope Protein	陳瀚翔, 黃志清, 王永樑	分子生物學(Molecular Biology)
	BC44	王茜淳	Tunneling Nanotube-mediated Intercellular Transfer Rescues Neuroblastoma Cells from Hypoxic Stress	王茜淳, 張怡雯, 張庭毓, 孫懿筠, 黃宣誠, 阮雪芬	分子生物學(Molecular Biology)
	BC45	蔣宛諭	Characterization of N-cadherin in 3D-microenvironment during cancer metastasis	蔣宛諭, 王博文, 曾炳輝, 郭津岑	分子生物學(Molecular Biology)
	BC46	關立芸	Deficiency of TRIB2 Protect against from Diet-Induced Obesity Through Proteasomal Degradation Uncoupling Protein 1 (UCP1) that Increase Energy Expenditure	關立芸, 李曉苓, 謝孟倫, 黃敬詠, 廖佳玟, 莊國燦, 林國瑞, 嚴仲陽, 張以承	代謝疾病(Metabolic Diseases)
	BC47	陳重佑	Structure-Based Drug Development of DUSP10 at Allosteric Sites	陳重佑, 胡宜忱, 呂平江	生物化學(Biochemistry)
	BC48	王信傑	Urea induced structural changes of Thrsp related to the chaperone function	王信傑	生物化學(Biochemistry)
	BC49	劉沛函	The Function of Galectin-3 in Mitochondrial Quality Control	孫維澤 · 姜為中	生物化學(Biochemistry)
	BC50	黃冠偉	Allosteric Inhibition mechanism of PCMPS and PCMB on Lassa Fever Virus NP exonuclease	黃冠偉1,2 陳敬文1,2,3 華梓佑3 褚煜瑜1,2,3 邱采媛1,2 劉容妤1,2 杜春亦1,2 許凱程4,5,6,7 高雅婷1,2,3,8, 朱智璋1,2,3,8 * 蕭育源1,2,3,8,9 *	生物化學(Biochemistry)
	BC51	陳奕廷	A group of plasma protein biomarkers display great sensitivity in detection of early-stage colorectal carcinoma	陳奕廷, 蔡有光	生物化學(Biochemistry)
	BC52	張惠宣	SIRT6 tagSNP rs352493 variant show differential protection effects on cardiomyocyte apoptosis upon doxorubicin treatment.	張惠宣 · 張永龍	生物化學(Biochemistry)
	BC53	陳隆彰	The function of Fragile X-related proteins in mitochondrial quality control	李柏寬, 姜為中	生物化學(Biochemistry)
	BC54	王博文	The Role of TRIM37 in Mitosis Regulation	王博文, 黃紹寬, 曾炳輝	生物化學(Biochemistry)
	BC55	林貞彤	Investigation on the Molecular Interaction of TDP-43 and Amyloid-β in Alzheimer's disease	林貞彤, 陳韻如	生物化學(Biochemistry)
BC56	陳昭翰	Explore the mechanism of dapagliflozin to ameliorate the damage of cardiomyocytes under high concentration of Glucose.	陳昭翰	生物化學(Biochemistry)	

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第五組	BC57	王鳳雍	The role of autophagy genes in the regulation of lipid homeostasis in <i>C. elegans</i>	王鳳雍, 金翠庭, 和許翔麟	分子生物學(Molecular Biology)
	BC58	邱紹喻	The Role of Aromatic Residues in the Substrate Binding of 4-hydroxyphenylpyruvate dioxygenase	邱紹喻	生物化學(Biochemistry)
	BC59	蕭靜宜	Functional Dissection of Human DCP1 in mRNA Decapping Process	蕭靜宜 · 張崇德	生物化學(Biochemistry)
	BC60	楊姍妮	To investigate the influence on matriptase and prostasin in chronic diabetic foot ulcers under the treatment of ON101	楊姍妮1, 張舜程2, 王正康1*	生物化學(Biochemistry)
	BC61	王裕先	Characterizing the interaction between ALG-2-interacting protein X and galectin-3 in promoting HIV-1 budding	王裕先 · 黃介嶸	生物化學(Biochemistry)
	BC62	關瑩	Studying the inhibition mechanism of disulfiram against coronavirus main protease	關瑩, 陳威儀	生物化學(Biochemistry)
	BC63	陳昱蓁	Roles of The Conserved Traits in Proteins' Intrinsically Disordered Regions: Using Galectin-3 As an Example	陳昱蓁 · 黃介嶸	生物化學(Biochemistry)
	BC64	陳彥良	Rational Design of 3 α -Hydroxysteroid Dehydrogenase/Carbonyl Reductase for Improving the Utilization of Nicotinamide Mononucleotide as Biomimetic Cofactor	陳彥良 ¹ , 黃啟清 ^{2*}	生物化學(Biochemistry)
	BC65	林心如	Lidocaine Reduces Temozolomide Resistance and Reverses Its Drug Sensitivity in Drug-Resistant Glioblastoma Cells	林心如, 吳玉萍, 陳瑞傑	生物化學(Biochemistry)
	BC66	周運浩	Characterizing the pH-Dependent Stability of 3 α -Hydroxysteroid Dehydrogenase/Carbonyl Reductase from <i>Comamonas testosteroni</i>	周運浩, 黃啟清	生物化學(Biochemistry)
	BC67	簡郁心	Effect of Angiotensin II and Niclosamide on Human Lung Cancer Cells	簡郁心1, 蔡遠明2, 黃世明1,*	生物化學(Biochemistry)
	BC68	蘇品瑄	Screening of the Extracts from Traditional Chinese Medicine with Neuroprotective and Anti-inflammatory Effects	蘇品瑄, 吳玉萍, 陳瑞傑	生物化學(Biochemistry)
	BC69	何玟霖	Characterizing the Intrinsically Disordered Regions in RNA-binding Proteins by Evolutionary Analysis and Machine Learning	何玟霖, 黃介嶸	生物化學(Biochemistry)
BC70	邱詩惠	Characterizing the Biophysical Properties of Intrinsically Disordered Regions of Musashi Family Proteins	邱詩惠 · 黃介嶸	生物化學(Biochemistry)	

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第六組	BC71	陳葆光	The Role of Slm Proteins in TORC2 Signaling in <i>Saccharomyces cerevisiae</i>	陳葆光, 朱邵翎, 陳美瑜*	訊息傳遞(Signal Transduction)
	BC72	黃曾絃宇	Identification of the novel EHD1/4-binding motif of Phostensin	黃曾絃宇1, 2, 沈俊傑1, 黃光永2, 3, 游惠君4, 沈雅婷1, 范芷維1, 賴寧生2,3, 黃憲斌1,*	生物化學(Biochemistry)
	BC73	邱鈺庭	Characterization of NMIIA in pancreatic cancer	邱鈺庭, 郭津岑	生物化學(Biochemistry)
	BC74	曾敏	Phase separation-mediated clustering controls the self-organization of non-muscle myosin IIA	曾敏, 郭津岑	生物化學(Biochemistry)
	BC75	黃唯峻	Glycosylated fibronectin promotes wound healing in mice	黃唯峻, 郭津岑	生物化學(Biochemistry)
	BC76	林佳儀	Using the N-terminal domain of Galectin-3 as a model system to study the liquid-liquid phase separation mechanism	Chia-I Lin , Jie-rong Huang	生物化學(Biochemistry)
	BC77	陳品豪	Cytotoxicity of Curcumin in Prostate Cancer Cells in Vitro--Potential Role of miRNA-155 in Cell Proliferation and Apoptosis	陳品豪, 黃研萍, 杜靜茹, 李品邑, 白紫綸, 邱駿紘, 蒙美津	生物技術(Biotechnology)
	BC78	周宛蓉	Establishment of Cell-based Reporter Assays for Coronavirus 3C-like Proteases	周宛蓉, 陳威儀	生物技術(Biotechnology)
	BC79	陳隆傑	Improving the Reproducibility, Accuracy, and Stability of an Electrochemical Biosensor Platform for Point-of-care Use	陳隆傑 a,b, §, 王艾瑞 a, §, 戴君珊 a,b, §, 邱元貞 a,b, 李彰威 a,c, 林晏任 d,e,f, 李宗翰 a,d, 黃敬文 a, h, i, 陳榮治 a,g,*, 陳文亮 a,*	生物技術(Biotechnology)
	BC80	馬丞毅	Nutritional Control Ameliorates Diet-induced Obesity by Promoting Endurance Capacity through Skeletal Muscle Specification and Protein ADP-Ribosylation	馬丞毅, 黃翠琴, 夏詩閱, 張心儀	系統生物學 (Systems Biology)
	BC81	吳羽佳	Gene set correlation enrichment analysis for interpreting and annotating gene expression profiles	吳羽佳1, 馬嘉良1, 張鈞賢1, 陳巧紋1, 林峻宇1,2,3,*	系統生物學 (Systems Biology)
	BC82	曾靖棻	Salt-inducible Kinase 3 (SIK3) May Acts as A Potential Biomarker in Preeclampsia	曾靖棻1, 蔡幸芬2, 林長霓2, 鍾雯如2, 許耿福1,2*	其他(Others)
	BC83	黃靜柔	The synergetic liquid-liquid phase separation between TDP-43 and Galectin-3	Jing-Rou Huang, Jie-rong Huang	其他(Others)
BC84	張凱傑	Targeting afatinib-induced transcriptional responses to inform combination therapies for lung cancer	張凱傑, 黃振綜, 謝巧慧, 黃宣誠, 阮雪芬	其他(Others)	

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第七組	BC85	劉采蓉	Functional Characterization of Small GTPase Arl4D and Its Interacting Protein Rab GTPase Activating Protein TBC1D15 at the Mitochondria	劉采蓉, 林新晉, 李芳仁	分子生物學(Molecular Biology)
	BC86	林晉宇	Molecular mechanism of Gboxin for the improvement in drug resistance of human gliomas	林晉宇, 黃莉淳, 蔡佳光, 洪東源	生物化學(Biochemistry)
	BC87	莊郁婷	Licochalcone A Regulates IRES Activity To Inhibit Enteroviruses Replication	莊郁婷 ¹ , 林靜宜 ^{1, 2}	微生物學(Microbiology)
	BC88	林育賢	TNF- α Regulates Transcriptional and Posttranslational Expressions of EZH2 in Human Dermal Fibroblasts	林育賢, 陳瑩容*	訊息傳遞(Signal Transduction)
	BC89	黃振育	Identification of host protein changes in HCoV-229E-infected cells for the development of cross-genus anti-coronavirus therapies	黃振育, 蔡有光	微生物學(Microbiology)
	BC90	DI NGOC KHA VO, HA PHAN THANH HO	Investigating The Impacts of Epstein-Barr Virus Tegument Proteins on Human Host Cells	Di Ngoc Kha Vo ^{1,#} , Ha Phan Thanh Ho ^{1,#} , Ying-Yu Tao ¹ , Si-Xian Wu ¹ , Ming-Han Tsai ^{1,*} # These authors equally contribute to this study * Corresponding author	微生物學(Microbiology)
	BC91	陳鈺璇	Lipase Immobilized PTFE Membrane in MBR System for Wastewater Treatment	陳鈺璇, 林書嫻, 林宥任, 趙敏涵, 黃素華	微生物學(Microbiology)
	BC92	許至昊	Characterization of Clostridioides difficile Isolates by Ribotyping and Multilocus Sequence Typing (MLST) in Northern Taiwan.	許至昊 ¹ , 莊子君 ² , 劉淑瑛 ¹ , 邱政洵 ^{2*}	微生物學(Microbiology)
	BC93	Md. Nazmul Islam	Extraction of Artemisia argyi improves cardiac function alleviating drp1 mediated mitochondrial dysfunction in H9c2 cells with doxorubicin induced cardiomyopathy through IGF-IIR signaling pathways.	黃志揚	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	BC94	陳昱璇	Study on the effect of statins on head and neck carcinoma cells and its mechanism	陳昱璇, 許文馨, 張耀文, 陳鴻震	腫瘤學(Oncology)
BC95	林宛蓁	Development of a Novel O ₂ -releasing Nanodrug for Cancer Treatment	林宛蓁, 鄭豐裕, 張雋曦	腫瘤學(Oncology)	
BC96	王思婷	Honokiol targeting AhR/CXCR7 axis blocked epithelial-mesenchymal plasticity and metastatic dissemination in gastric cancer	王思婷 · 吳昇懋 · 許美鈴	腫瘤學(Oncology)	
BC97	林昭翰	The differential roles of DDX3X in liver tumorigenesis	林昭翰, 童彥瑜, 詹傑翔, 游麗如	腫瘤學(Oncology)	
BC98	林子婷	Discovering the ABCB1-modulating Effect of a Smac Mimetic, GDC-0152, in ABCB1-induced Multidrug Resistant Cancer Cells	Yu-Ting Lin ¹ , Yung-Chieh Chang ² , Chun Hei Antonio Cheung ^{1,2,*}	腫瘤學(Oncology)	

台灣生物化學及分子生物學學會

3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
第八組	BC99	孫永宸	Characterizing Self-association and Liquid-liquid Phase Separation Mechanism of Galectin-3	孫永宸 黃介嶸	生物化學(Biochemistry)
	BC100	林承翰	Biological Effects of Microalgal Macular Pigment on Reducing Chronic Oxidative Stress and Inflammation of Diabetic Angiopathy	林承翰、邱緯宏、黃冠超、林志生	心血管系統(Cardiovascular System)
	BC101	林佳葉	Chromatin state transition underlies the temporal changes in gene expression during cardiomyocyte maturation	林佳葉1, 張耀明2, 曾心怡1, 施燕玲2, 葉筱慧2, 陳柏莉1, 陳建璋2, 顏裕庭2,* 高承福1,*	心血管系統(Cardiovascular System)
	BC102	蔡佩親	Investigation of the relationship between Glycated Albumin and Glutamic-pyruvic transaminase	Wen-Tung Hsu 1, Li-Mien Chen2, Chun-Cheng Liao1,3, Keng-Yi Wu4, Hsiao-Chi Chen1, Pei-Chin Tsai1, Shih-Jung Lin5, Chao-Hsun Hsu5 and Weng-Ling Lin5	代謝疾病(Metabolic Diseases)
	BC103	林綺意	Investigation the Levels of Uric Acid in Patients with Hepatitis	徐文通1, 陳立民2, 廖俊正1,3, 許宏彰4, 林綺意1, 王雪君1, 陳嘉文5	代謝疾病(Metabolic Diseases)
	BC104	徐文通	Differential Levels of Glycated Hemoglobin A1c in Patients with Viral and non-Viral Hepatitis	徐文通1, 陳立民2, 廖俊正1,3, 林孟穎4, 林詠峯5, 游惠雯1, 張勝皇6	代謝疾病(Metabolic Diseases)
	BC105	李欣樺	EGCG supplementation attenuate glucolipotoxicity-induced skeletal muscle wasting	李欣樺1, 林志立2, 鄒欣樺2, 王威傑3, 彭瓊瑋4, 黃建寧3	代謝疾病(Metabolic Diseases)
	BC106	陳楷文	Biosensor and Biosynthesized Salicylic Acid as Strawberry Anthracnose Disease Control Strategies	陳楷文1, 王艾瑞2, 陳隆傑1, 詹妤文2, 陳文亮1, 2*	生物化學(Biochemistry)
	BC107	陳耕月	Protection of S-Equol Against Sodium Nitroprusside Induced Damage in Human Monocyte THP-1 cells	陳耕月1, 謝寶萱1, 胡祐甄2, 黃姿菁2, 邱溥容2, 黃莉文3, 鄭筱翎4*, 張基隆1,2,5*	生物化學(Biochemistry)
	BC108	黃俐璇	Exogenous hydrogen peroxide attenuates drought stress by alleviating cellular oxidative damage in mung bean	黃俐璇·張方馨·洪淑嫻·游志文	生物化學(Biochemistry)
	BC109	易祐萱	Hydrogen peroxide repeated treatment induces stress memory and alleviates injury of mung bean seedling upon cold	易祐萱1, 李懿儒1, 張方馨1, 林孝恩2, 游志文1, 洪淑嫻2	生物化學(Biochemistry)
	BC110	關政平	Identification of Three Tospoviruses using hybridization probes	關政平*、蕭崇仁、劉雅婷	生物技術(Biotechnology)
BC111	黃聖傑	Impute SNP Data using Generative Adversarial Network	黃聖傑, 楊永正	生物技術(Biotechnology)	
BC112	林子欽	Effects of inflammatory and regulatory DCs at oral cavity and gastrointestinal tract in Th2-associated allergic animal model	林子欽、尤仁音	免疫(Immunology)	

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3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
第九組	BC113	杜詩雯	Mitogen Activated protein kinase dependent signal pathways augmenting myokines production in TNF-alpha and IFN-gamma induced inflamed skeletal muscle cells	杜詩雯, Divya Malathy Ravinath, 尤仁音	免疫(Immunology)
	BC114	賴宗聖	Decrease in Nitric oxide and metabolic alteration result in activation of tissue transglutaminase during uremic toxin induced endothelial injury	賴宗聖, 邱浚祐, 吳志仁, 林承勳.	毒理學(Toxicology)
	BC115	廖庭緯	Investigating the Mechanism of Social Learning and Isolation-induced Depressive-like Behaviors	廖庭緯 · 姜學誠	神經學(Neuroscience)
	BC116	蔡帛蓉Po-Jung Tsai	Wild Bitter Melon Leaf Extract Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice via Intestinal Barrier Improvement and Inflammatory Cytokine Reduction	壹、蔡帛蓉 1,* · 黃安生1 · 侯又禎2	發炎(Inflammation)
	BC117	周王漾	The ORF8 Protein of SARS-CoV-2 Modulates the Spike Protein and Its Implications in Viral Transmission and Revolution	周王漾, 蔡若翎, 洪若寧, 陳一華, 陳斯婷, 蔡明翰	微生物學(Microbiology)
	BC118	吳景韻	Exploring the synergistic triple-negative breast cancer therapy by dual inhibition of HDAC and tyrosine kinase	吳景韻 · 林勤芸 · 陳昱樺 · 邱亦涵	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC119	黃惠蘭	Antiproliferation Activity by Essential Oil from Functional Food Turmeric in Human Leukemia	黃惠蘭 · 陳裕星 · 紀鈞齡	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC120	曾翠華Tsui-Hwa Tseng	Antitumor Progression Potential of Moniliformediquinone, a Dendrobium Phenanthrenequinone, in MDA-MB-231 breast cancer cells	曾翠華, 張雅晴, 邵蕙珈	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC121	張雲菁	Cam B Suppresses Growth and Migration of Human Hepatocellular Carcinoma Cells by Regulation of miR-101	張雲菁, 李承煬, 鍾岱融	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	BC122	李柏昊	Development of a Novel Nanoparticle for X-ray Induced Photodynamic Therapy	李柏昊, 黃猷備, 劉澤英	腫瘤學(Oncology)
	BC123	王馥嘉	Novel Nanomaterials in Osteosarcoma Application	王馥嘉, 宋政穎, 劉澤英	腫瘤學(Oncology)
	BC124	張姃韡	Novel Anticancer Peptides Induce Necroptosis of Gastric Cancer Cell Line AGS through Membranolytic Effects and Their Therapeutic Efficacy in Combination with Chemotherapeutic Drugs	張姃韡, 鄭枋洳, 江亭瑾, 陳威戎*	腫瘤學(Oncology)
	BC125	林怡安	Investigation of the clinical significance, biological functional and underlying molecular mechanisms of ESM1 expression in human cervical carcinoma.	林怡安 · 謝逸憲	腫瘤學(Oncology)
	BC126	樊琳	From lab bench to commercial products	n/a	轉譯醫學(Translation Medicine)

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3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
不參加 討論室	BC127	賴駿琦	A SNARE-Like Protein Sft2 Acts as a Downstream of Golgin Imh1 to Mediate SNAREs Recycling Transport upon ER Stress	賴駿琦, 陳彥廷, 李芳仁	其他(Others)
	BC128	黃筠珈	Investigation of the Interaction Mechanism Between CEP164 and TTBK2	黃筠珈1,周柏君1, 王琬菁1 *	分子生物學(Molecular Biology)
	BC129	林怡璇Yi-Hsuan Lin	PCM1-mediated GABARAP degradation is necessary for ER stress-induced autophagy.	林怡璇、呂昕穎、高健涵、黃芊詠、王琬菁	分子生物學(Molecular Biology)
	BC130	王薪雅	Exploring The Role of TMEM65 in Cilia Formation and Tumorigenesis	王薪雅1,羅芊卉1,王琬菁1*	分子生物學(Molecular Biology)
	BC131	陳佑德	Investigation of pericyte recruitment induced by SIRT 1 activation in different sex hormones	陳佑德1 , 林致源2*	心血管系統(Cardiovascular System)
	BC132	蘇素宜	Improvement of wound healing by capsaicin and its correlation to senescence	蘇素宜(1)、顏毓秀(2)、黃紀榕(1,3)	轉譯醫學(Translation Medicine)
	BC133	鄭若涵	To investigate the effects of matriptase, prostasin and their inhibitory proteins on gastric cancer progression from clinical specimens and culture cells.	鄭若涵·王正康·張浩銘·李定穎·黃天祐	生物化學(Biochemistry)
	BC134	張方馨	Repeated hydrogen peroxide treatment could elevate the chilling tolerance and induce stress memory in mung bean seedling	張方馨 李懿儒 易祐萱 林孝恩 游志文 洪淑嫻	生物化學(Biochemistry)
	BC135	杜昱諠	Investigate the Effects of Epinephrine-lidocaine Solution on the Cellular Biology of Regional Adipose Tissue	杜昱諠, 郭偉志, 李建興	生物化學(Biochemistry)
	BC136	魏睿宇	Antibiotics Detection through Allosteric Control of DNA-conjugated Enzyme Activity	魏睿宇 1, 廖韋晴 1*	生物技術(Biotechnology)
	BC137	許芝旖	Synthesis of Lipid-capped Gold Nanoparticles (LCGNP) for the Detection of Phospholipases	許芝旖, 廖韋晴	生物技術(Biotechnology)
	BC138	陳佳穎	The novel piperazine thiourea derivative with DNA binding affinity induces MAPK mediated mitochondrial apoptosis in colorectal cancer cells.	陳佳穎、蔡佳蓉、陳子瑋、楊子欣、陳姿妤、邱建智、許智能、簡啓民	毒理學(Toxicology)
	BC139	林秀芳	Determine the Bacillus subtilis and Bacillus licheniformis thermophilic lipase-induced ability to destroy Enterococcus faecalis biofilm	林秀芳, 李婕伶, 詹妤文, 黃素華*	微生物學(Microbiology)
	BC140	賴昱涵	The Molecular Epidemiology of Invasive Salmonella enterica at Chang Gung Memorial Hospital, Jan to Dec 2020	賴昱涵1, 楊欣萍2, 邱政洵2*, 劉淑瑛1	微生物學(Microbiology)
BC141	楊曉媛	Multilocus Sequence Typing (MLST) of Clinical CRAB/MDRAB Isolates from CGMH, 2018-2020	楊曉媛1, 盧致聿1, 梁怡華2, 陳彥汝2, 邱政洵2*, 劉淑瑛1	微生物學(Microbiology)	
BC142	賴運迪	A Novel Function of Centrosomal CEP89 in Promoting Cancer Proliferation	賴運迪 1·羅芊卉 2·高健涵 2·王琬菁 2*	分子生物學(Molecular Biology)	

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3/25分組	編號	第一作者	論文題目(英文)	作者群姓名(中文)	研究領域
不參加 討論室	BC143	鄭宇雯	TTBK2 Promotes the Formation of SHH-type Medulloblastoma	鄭宇雯1, 林宜璇2,3, 蔡金吾2,4*, 王琬菁2,3*	分子生物學(Molecular Biology)
	BC144	伊金泉Chin-Chuan Yi	Application of agricultural waste rice straw isolation of lovastatin	伊金泉, 蘇文達	心血管系統(Cardiovascular System)
	BC145	蔡宜璇	Melamine and di-2-ethylhexylphthalate co-exposure accelerates kidney injury in mice with chronic kidney disease.	蔡宜璇, 吳秒儀, 吳明蒼, 劉家駒, 蔡宜純, 謝翠娟	代謝疾病(Metabolic Diseases)
	BC146	楊聿荃	Investigating Molecular Mechanisms of GLP-1 RA Liraglutide Protects against Glucolipototoxicity-Induced Diabetic Retinopathy	楊聿荃1, 李祐維1, 林志立2,3*, 鄒欣樺2,3, 彭瓊瑋4, 王威傑5, 黃建寧2,3,5	代謝疾病(Metabolic Diseases)
	BC147	謝寶萱	Vitamin K Protects Primary Chondrocyte of Rat against Oxidative/Nitrosative Stress	謝寶萱 1, 鄭筱翎 2, 胡祐甄 3, 黃姿菁 3, 邱溥容 3, 黃莉文 4*, 張基隆 1,3,5*	生物化學(Biochemistry)
	BC148	廖恩佑	Synthesis of Glycyrrhetic Acid-Glycosides as the Spike Protein and Main Protease Inhibitors of SARS-CoV-2 Virus	En-You Liao, Tung-Kung Wu	生物化學(Biochemistry)
	BC149	陳晴雲	Synthesis of Momordicin 1-Glycosides as Potential Inhibitors of SARS-CoV-2 Main Protease (Mpro)	陳晴雲、吳東昆	生物化學(Biochemistry)
	BC150	高思芸	Bioflavonoid Rutin Delays Drought-Induced leaf Senescence via Modulation of signal component generation, antioxidant activity level and senescence-associated gene expression in Sweet Potato	高思芸和陳顯榮教授	生物化學(Biochemistry)
	BC151	鄭宇翔	Prediction of Blood Pressure during the Hemodialysis with Reinforcement Learning	鄭宇翔, 巫坤品	老化醫學(Aging Medicine)
	BC152	嚴煒暄	Identification of Immune-related Prognostic Genes with Colorectal Cancer Based on Weighted Gene Co-expression Network Analysis	嚴煒暄, 陳卓逸	系統生物學 (Systems Biology)
	BC153	蘇威霖	Identification of Pathways Associated with Cancer Driver Gene through Graph Embedding	蘇威霖, 陳卓逸	系統生物學 (Systems Biology)
	BC154	邱靖婷	NOXA-Mediated Degradation of MCL1 and BCL2L1 Causes Apoptosis of Daunorubicin-Treated Human Acute Myeloid Leukemia Cells	邱靖婷1, 張榮賢1*	訊息傳遞(Signal Transduction)
	BC155	楊允瑄	Evaluation the Effect of ENERGI on Tumor and Chemotherapy-Induced C2C12 Myotube Atrophy	楊允瑄, 蕭婷分, 李淑珮, 李依蓓, 賴金美	腫瘤學(Oncology)
	BC156	胡旂鈺	In-situ Growth of Gold-rod in Silica Nanoparticles for Enhancing Radiotherapy in Oral Cancer	胡旂鈺, 李佳穎, 劉澤英	腫瘤學(Oncology)
BC157	蔡孟庭	Novel nanocarriers combined with radioimmunotherapy for brain cancer treatment	蔡孟庭, 陳郁喬, 劉澤英 *	腫瘤學(Oncology)	