

## Poster Session

Date/ Time: 12:40-13:00, May 4, 2019

Location: 1F Lobby,

Xie Li Building

Disease modeling derived from stem cell and targeted drug delivery	
PA-1	Mouse Mesenchymal Stem Cells Isolated from Different Sources and Strains Vary in Immunophenotype and Growth Kinetics <i>Yap Fei-Ling, Ha Sieu-Jeak and Stephen Ambu Periathamby</i>
PA-2	Studying the Mechanism of Adipose-derived Stem Cells in Treating Transgenic MSA Mice <i>Zhe Sheng Jiang, Zong Qi Liu, Yu Chen Deng, Chih Yu Chen, Christine Chang, Tzzy Wen Chiou</i>
PA-3	The Effect of Photobiomodulation Therapy on Adipose-derived Stem Cells Derived from Type 2 Diabetic Patients <i>Zhe-Yu Lin, Shwu-Fen Chang, Hsi Chang, Chun-Chi Hou, Huan-Chin Tseng, Ai-Chen Lee, Julia Yi-Ru Chen</i>
The potential targets of cancer therapy	
PB-1	Critical Role of Autophagy in Gastric Cancer Related Bacteria Caused Infection <i>Wei HU, Lin ZHANG, Chi Hin CHO, William KK WU</i>
PB-2	Follicular Fluid-IGF2 Induces Transformation and Regeneration of Fimbrial Epithelium upon Ovulation <i>Hsuan-Shun Huang, Che-Fang Hsu, Pao-Chu Chen, Dah-Ching Ding, Tang-Yuan Chu</i>
PB-3	Hsp90 inhibitor for the treatment of colorectal cancer <i>Yue Wan and Jing Shen</i>
PB-4	Transformation Effect of Fimbrial Epithelial Cells by The Mixture of Peritoneal Fluid and Follicular Fluid. <i>Anseles Rajula Selvaraj, Tang-Yuan Chu</i>
PB-5	Targeting Orphan Nuclear Receptor TLX in Prostate Cancer <i>Dinglan Wu</i>
PB-6	m6A RNA Modification Modulate PI3K/Akt/mTOR Signal Pathway in Gastrointestinal Cancer <i>Qijie Zhao and Xiao Zhangang</i>
PB-7	The Anti-Tumor Effects of LncRNA-TP53TG1 in Breast Cancer <i>Yuanlin Wu, Qijie Zhao, Jing Shen, Mingxing Li, Xu Wu, Yueshui Zhao</i>

PB-8	Epigenetic Targeting DNMT1/PTCHD4 of Pancreatic Ductal Adenocarcinoma using interstitial control release biodegrading polymer to significantly extending its survival <i>Mao-Hsuan Huang, Tina E. Shih, Shinn-Zong Lin, Tzyy-Wen Chiou, Hong-Lin Su, Horng-Jyh Harn</i>
PB-9	Emulsification Increases the Therapeutic Efficacy of Intranasal n-Butylidenephthalide against Malignant Brain Tumors <i>Yu-Shuan Chen, Yu-Han Chiu, Yuan-Sheng Li, En-Yi Lin, Dean-Kuo Hsieh, Chia-Hung Lee, Mao-Hsuan Huang, Hong-Meng Chuang, Shinn-Zong Lin, Horng-Jyh Harn, and Tzyy-Wen Chiou</i>
PB-10	miRNA106b-5p/SOX2-mediated Communication via Exosomes Between Cancer Stem Cells and Non-cancer Stem Cells for Therapeutic Resistance in Glioblastoma Multiforme <i>Ching-Ann Liu, Shinn-Zong Lin, Horng-Jyh Harn</i>
PB-11	Integrated Drug Screening Platform Reveals Candidate Drugs for Cytokine Release Syndrome in CAR-T Cell Therapy <i>Yu-Chen Tsai, Hien-Ly Doan, Chi Ying F. Huang</i>
PB-12	N-butylidenephthalide kill type 2 ovarian cancer stem cells via inducing apoptosis and inhibition of cytokine and NF- $\kappa$ B expression <i>Dah-Ching Ding</i>
PB-13	Shikonin kill type 2 ovarian cancer cells via inducing apoptosis <i>Dah-Ching Ding</i>
Nanobody and Aptamer application in medicine	
PC-1	A SERS Nano-tag-based Magnetic-separation Strategy for Highly Sensitive Immunoassay in Unprocessed Whole Blood <i>Bao-liang Sun, Ying Wang, Cundong Fan, Zong-yong Zhang</i>
Clinical application: Neural progenitor transplantation therapies for Neural degenerative diseases	
PD-1	hiPSC Derivatives at Institute of Eye Research: Retinal Organoid and Retinal Pigment Epithelium for Preclinical Studies <i>Rupendra Shrestha, Yao-Tseng Wen, Rong-Kung Tsai</i>
PD-2	DSEPA Antagonizes High Glucose-induced Neurotoxicity: Evidences for DNA Damage-mediated P53 Phosphorylation and MAPKs and AKT Pathways <i>Cun-dong Fan, Xiao-yan Fu, Ya-jun Hou, Zong-yong Zhang, Bao-liang Sun</i>
PD-3	Therapeutic Effects of Adoptive Transfer of Regulatory T Cells on Stroke <i>Bao-laing Sun</i>

PD-4	TAT-MGLUR1 Attenuates Neuronal Apoptosis Through Preventing MGLUR1 $\alpha$ Truncation After Experimental Subarachnoid Hemorrhage <i>Zongyong Zhang, Baoliang Sun</i>
PD-5	Urocortin Regulates Mitochondrial Homeostasis to Protect Dopaminergic Neurons from Neurotoxic Damage <i>Hsin-Yi Huang, Mei-Jen wang</i>
PD-6	Intracerebral Transplantation of GXNPC1 in Chronic Stroke Patients : A First in Human Trial <i>Sheng-Tzung Tsai, Shinn-Zong Lin, Tsung-Lang Chiu, Shun-Hung Lin, Horng-Jyh Harn, Po-Cheng Lin, Ming-Hsi Chuang, Wan-Sin Syu, Pi-Chun Huang, Yi-Fen Wang</i>
Translation disease therapy	
PE-1	Virodhamine: A Cannabinoid Receptor Agonist to Enhance the Platelets Production from Megakaryocyte Through Modulation of Mitochondrial Reactive Oxygen Species <i>Durga Shankar Sharma and Ravi Kumar Gutti</i>
PE-2	Lanyu Minipig as An Animal Model of Parkinson's Model in Taiwan <i>Chia-Hsin Liao, Yu-Jin Liao, Jenn-Rong Yang</i>
PE-3	Podocalyxin-like Protein 1 Regulates Human Pluripotent Stem Cell Self-renewal Through Cholesterol Biosynthesis Pathway <i>Wei-Ju Chen, Hsuan Lin, Jean Lu</i>
PE-4	Developing of a New Culture Method Promoting Proliferation of Muse Cells Without Genomic Manipulation <i>Gen Li, Masaaki Kitada, Mari Dezawa</i>
PE-5	Immune Modulation Effects of Urocortin against Ischemic Injury in Rats <i>Wei-Fen Hu, Peter Bor-Chian Lin, Hsin-Yi Huang, Mei-Jen Wang, Cheng-Yoong Pang, Hock-Kean Liew</i>
PE-6	Expression of Transient Receptor Potential Cation Channel Subfamily V Proteins in Ketamine Cystitis <i>Hsueh-Hui Yang, Jia-Fong Jhang, Hsiu-Jen Wang, Hsiu-Chen Huang, Wei-Jun Zhai, Hann-Chorng Kuo</i>
PE-7	Efficacy Assessment of Using <i>Scutellaria Baicalensis</i> Georgi in the Treatment of Emotional Diseases <i>Hsin-Tzu Liu, Ming-Chung Lee</i>