

Poster Session

Date/Time: May 14 12:40 – 13:00

Location: 4F Meeting Room East

PA Stem Cell Epigenetic and Reprograming

- PA-01 Strong Impact of Chronic Cerebral Hypoperfusion on Neurovascular Unit, Cerebrovascular Remodeling and Neurovascular Trophic Coupling in Alzheimer's Disease Model Mouse
[Jingwei Shang](#), [Toru Yamashita](#), [Yun Zhai](#), [Yumiko Nakano](#), [Ryuta Morihara](#), [Yusuke Fukui](#), [Nozomi Hishikawa](#), [Yasuyuki Ohta](#), [Koji Abe](#)
- PA-02 Study on RNAi to Interfere the Teratoma Formation of Porcine Induced Pluripotent Stem Cells
[Yu-Jing Liao](#), [Yi-Shiou Chen](#), [Ja-Xin Lee](#), [Lih-Ren Chen](#), [Jenn-Rong Yang](#)
- PA-03 Novel Therapeutic Transplantation of Induced Neural Stem Cells for Stroke
[Toru Yamashita](#), [Jingwei Shang](#), [Yumiko Nakano](#), [Ryuta Morihara](#), [Koji Abe](#)
- PA-04 A Simple Chemical Defined And Feeder-Free Medium For Human Pluripotent Stem Cells Culture
[Chia-Yu Chang](#), [Hong-Lin Su](#)
- PA-05 Selectively Eliminating Undifferentiated Human ESCs by Potassium Ionophores
[Chia-Yu Chang](#), [Wan-Ting Chang](#), [Hong-Lin Su](#)
- PA-06 N-Butylidenephthalide Attenuates Alzheimer's Disease-Like Cytopathy in Down Syndrome Induced Pluripotent Stem Cell-Derived Neurons
[Chia-Yu Chang](#), [Sheng-Mei Chen](#), [Huai-En Lu](#), [Syu-Ming Lai](#), [Ping-Shan Lai](#), [Po-Wen Shen](#), [Pei-Ying Chen](#), [Ching-I Shen](#), [Horng-Jyh Harn](#), [Shinn-Zong Lin](#), [Shiaw-Min Hwang](#), [Hong-Lin Su](#)
- PA-07 Increased Cell Survival and Differentiation Ratio of Embryonic Stem Cell Derived Cardiomyocytes by Hydrogel
[Bi-He Tsai](#), [Shih-Ping Liu](#)
- PA-08 The Cell Therapy For Improving The Vascular Dementia in Animals by Endothelial Progenitor Cell-Like Cells
[Yi-Chien Lin](#), [Pei-Yi Tsai](#), [Chun-Ming Cheng](#), [Yong-Jang Chen](#), [Bei-Yi Chi](#), [Jia-Ming Chang](#)
- PA-09 Human Pluripotent Stem Cell (PSC)-Derived Mesenchymal Stem Cells (MSCs) Show Potent Neurogenic Capacity Which is Enhanced with Cytoskeletal Rearrangement
[Kai-Yen Peng](#), [Yu-Wei Lee](#), [Yun Wang](#), [Jun-Yang Liou](#), [Shan-Hui Hsu](#), [Kenneth K. Wu](#), [B. Linju Yen](#)
- PA-10 Therapeutic Effect of the Intracranial Transplantation of Human Olfactory Ensheathing Cells on the Type 3 Spinocerebellar Ataxia
[Jeanne Hsieh](#), [Jen-Wei Liu](#), [Horng-Jyh Harn](#), [Kuo-Wei Hsueh](#), [Karthayayani Rajamani](#), [Yu-Chen Deng](#), [Chih-Min Chia](#), [Woei-Cheang Shyu](#), [Shinn-Zong Lin](#), [Tzyy-Wen Chiou](#)

PB Bone, Cartilage and Soft Tissue Engineering

- PB-01 The Role of Butylidenephthalide in Targeting Microenvironment Contributions to the Amelioration of Liver Fibrosis
[Hong-Meng Chuang](#), [Hong-Lin Su](#), [Chien Li](#), [Tzyy-Wen Chiou](#), [Horng-Jyh Harn](#)

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PC Stem Cells-Tools to Battle Cancer

- PC-01 Effects of Mesenchymal Stem Cells on Breast Cancer Growth in 2D And 3D Culture Systems
[Yap Fei-Ling](#), [Leong Chooi-Fun](#), [Cheong Soon-Keng](#)
- PC-02 Biodegradable Interstitial Release Polymer Loading A Novel Small Molecule Targeting Axl Receptor Tyrosine Kinase and Reducing Brain Tumour Migration and Invasion
[Ssu-Yin, Yen](#), [Shinn-Zong Lin](#), [Horng-Jyh Harn](#), [Tzyy-Wen Chiou](#)
- PC-03 Two Small Molecular Butylenediphenyl Ether and Isochahalactone Decreased Programmed Death Ligand 1 Expression In Cancer Cell Lines
[Sheng-Fong Tsai](#), [Horng-Jyh Harn](#), [Shinn-Zong Lin](#)
- PC-04 EF-001 Suppress Tumor Growth Through DNA Methyltransferase Inhibition in Pancreatic Cancer Cells
[Mao-Hsuan Huang](#), [Yi-Wen Chou](#), [Shinn-Zong Lin](#), [Tzyy-Wen Chiou](#), [Horng-Jyh Harn](#)
- PC-05 Combination of Cryosurgery, Photodynamic Therapy with Imiquimod Successfully Inhibits Tumor Growth in A Case with Cutaneous and Lymph Node Metastatic Squamous Cell Carcinoma
[Hsu Tzu-Chien](#), [Wong Tak-Wah](#)

PD Targeting Mitochondria: Recent Clinical & Potential Therapeutic Studies

- PD-01 The Role of Sulfide Quinone Reductase-Like Protein (SQRDL) in C9orf72-associated ALS
[Yu-Ling Huang](#), [Shinn-Zong Lin](#), [Shih-Ping Liu](#), [Ru-Huei Fu](#)
- PD-02 Human Placenta-Derived Multipotent Cells (PDMCs) Protect Against *Klebsiella Pneumoniae*-Induced Pneumonia by Enhancing Polymorphonuclear Granulocytes (PMN) Functions
[Li-Tzu Wang](#), [Ying-Yin Chao](#), [Wei Lee](#), [Li-Yueh Huang](#), [Ko-Jiunn Liu](#), [Leung-Kei Siu](#), [B. Linju Yen](#)
- PD-03 HK-001 Promotes The White-to-Brown Fat Conversion In ADSC-Derived Beige Cells and High-Fat Diet-Fed Mice
[Kang-Yun Lu](#), [Shinn-Zong Lin](#), [Horng-Jyh Harn](#)
- PD-04 HK-001 Attenuate Amyotrophic Lateral Sclerosis Symptoms Through Down-Regulation Autophagy
[Kuo-Wei Hsueh](#), [Shinn-Zong Lin](#), [Horng-Jyh Harn](#)
- PD-05 Fangchinoline Attenuates α -synuclein Accumulation and Improves 6-OHDA-Induced Dopaminergic Neuron Degeneration in Parkinson's Disease Animal Model
[Min-Chen Tsai](#), [Shinn-Zong Lin](#), [Shih-Ping Liu](#), [Ru-Huei Fu](#)

PE 3D Printing and Other Medical Device in Clinical Applications

- PE-01 Effectiveness and Experience Connotation of the Use of Nursing Innovation on Laparoscopic Surgery
[Min-Je Chen](#), [Yu-Chuan Tai](#), [Chun-Cheng Chen](#), [Li-Yu Hsu](#), [Li-Yu Hu](#)
- PE-02 A Study on the Family Participants of Acute Psychiatric Patients' Satisfaction with the Family Conference Service
[Hsieh-Ting Lin](#), [Ching-Fen Chiang](#), [Li-Yu Hu](#)