

Schedule at a Glance

08:00~16:50	Registration	1F Lobby
08:20~10:00	Poster Set-up (Before AM 10:00)	B1 Lobby
08:45~09:00	Opening Remarks	16F Hall
	Emcee: Heng-Yu Chang, Ph.D.(張亨仔教授)	
	President Hong-Nerng Ho (TSSCR) (何弘能理事長)	
	Dean Chii-Ruey Tzeng (TMU) (曾啟瑞院長)	
	Keynote Lecture	16F Hall
	Moderators: Chii-Ruey Tzeng, M.D. (曾啟瑞教授), Bon-Chu Chung, Ph.D. (鍾邦柱教授)	
09:00~09:40	Various clinical applications of human induced pluripotent stem cells	
	Tatsutoshi Nakahata, M.D., Ph.D.	
	<i>Deputy Director, Center for iPS Cell Research and Application, Kyoto University, Japan</i>	
09:45~10:25	A functionalised scaffold for modulation of inflammation to permit stem cell survival in myocardial infarction	
	Abhay Pandit, Ph.D.	
	<i>Director, Network for Excellence for Functional Biomaterials, National University of Ireland, Ireland</i>	
10:00~15:00	TSSCR Board Member Election	16F VIP Room
10:25~10:45	Coffee Break	16F and B1 Lobby
	A: iPS and Pluripotent Stem Cells (I)	16F Hall
	Moderators: Winston TK Cheng, Ph.D. (鄭登貴教授), Chung-Liang Chien, Ph.D. (錢宗良教授)	
10:45~11:15	Induction of pluripotency	
	Huck Hui NG, Ph.D.	
	<i>Senior Group Leader, Genome Institute of Singapore, Singapore</i>	
11:15~11:45	Pluripotent stem cells and the potential application in regenerative medicine	
	Qi Zhou, Ph.D.	
	<i>Director, Center for Stem Cell Research and Regenerative Medicine, Institute of Zoology, Chinese Academy of Sciences, Beijing, China</i>	
11:45~12:15	Utilization of iPS cells for retinal regenerative medicine	
	Masayo Takahashi, M.D., Ph.D.	
	<i>Professor, Center for Developmental Biology, RIKEN, Japan</i>	
12:15~12:45	Group Photography	1F Outdoor Plaza
12:45~13:15	Lunch	B1 Food Court & Room 8001-8004
13:00~14:00	TSSCR Annual Meeting	4F Hall
13:15~14:30	Poster Sessions	B1 Lobby

	B: Cancer Stem Cells	16F Hall
	Moderators: Hong-Nerng Ho, M.D. (何弘能教授), Wann-Hsin Chen, Ph.D. (陳婉昕教授)	
14:30~15:00	Cancer stemness: activation of stemness genes in lung cancer cells Cheng-Wen Wu, M.D., Ph.D. (吳成文院士) <i>Academician, Academia Sinica</i> <i>Distinguished Chair Professor, National Yang Ming University</i>	
15:00~15:20	Significance of Twist1-Bmi1 axis in epithelial-mesenchymal transition, stem-like properties and movement of cancer cells Muh-Hwa Yang, M.D., Ph.D. (楊慕華副教授) <i>Associate Professor, Institute of Clinical Medicine, National Yang Ming University</i>	
15:20~15:40	Cancer stem cells on head and neck cancer tumorigenesis Jeng-Fan Lo, Ph.D. (羅正汎副教授) <i>Associate Professor, Institute of Oral Biology, National Yang Ming University</i>	
15:40~16:00	Identification of cancer stem cells from pancreatic adenocarcinoma with higher metastatic potentials Chia-Ning Shen, Ph.D. (沈家寧助研究員) <i>Assistant Research Fellow, Genomics Research Center, Academia Sinica</i>	
16:00~16:30	Coffee Break	16F and B1 Lobby
	C: Somatic Stem Cells and Regenerative Medicine (I)	16F Hall
	Moderators: Yung-Hsiao Chiang, M.D., Ph.D. (蔣永孝教授), Sheng-Mou Hou, M.D., Ph.D. (侯勝茂教授)	
16:30~16:50	Mesenchymal stem cells: plasticity and application Oscar K Lee, M.D., Ph.D. (李光申教授) <i>Professor, Institute of Clinical Medicine, National Yang Ming University</i>	
16:50~17:10	Benefits of hypoxic culture on human mesenchymal stem cells Shih-Chieh Hung, M.D., Ph.D. (洪士杰教授) <i>Professor, Institute of Clinical Medicine, National Yang Ming University</i>	
17:10~17:30	Wnt regulates neurotrophin-induced neuronal transdifferentiation of human bone marrow-derived mesenchymal stem cells via b-catenin signaling and non-canonical pathway Wen-Fu Lai, Ph.D. (賴文福教授) <i>Professor, Institute of Clinical Medicine, Taipei Medical University</i>	
17:30~17:50	3D culture of adherent stem cells Bin-Ru She, Ph.D. (施冰如研究員) <i>Research Fellow, Industrial Technology Research Institute</i>	
18:30~20:30	Banquet	Far East Shangrila Hotel

08:00~16:50	Registration	1F Lobby
08:20~10:00	Poster Set-up (Before AM 10:00)	B1 Lobby
	Keynote Lecture	16F Hall
	Moderators: Ming-Jer Tang, M.D., Ph.D. (湯銘哲教授), Win-Ping Deng, Ph.D. (鄧文炳教授)	
09:00~09:40	Genetics in stem cells; From discovery to therapy	
	Allan Bradley, Ph.D. <i>Director Emeritus, The Wellcome Trust Sanger Institute, United Kingdom</i>	
09:45~10:25	Therapeutic consequences of cell-biomaterial interactions	
	David Williams, Ph.D. <i>Director, Institute of Regenerative Medicine, Wake Forest Baptist Medical Center, United States of America & Biomaterials, Editor in Chief</i>	
10:25~10:45	Coffee Break	16F and B1 Lobby
	D: iPS and Pluripotent Stem Cells (II)	16F Hall
	Moderators: Nan-Chi Chang, Ph.D. (張南驥教授), Shui-Long Lee, Ph.D. (李水龍教授)	
10:45~11:15	Stem cell therapy for the regenerative medicine and anti-aging	
	Kwang Yul Cha, Ph.D. <i>President of CHA Biotech, CHA University, Korea</i>	
11:15~11:35	Immunogenicity of human pluripotent stem cells and the derivatives.	
	Hsin-Fu Chen, M.D. (陳信孚副教授) <i>Associate Professor, Graduate Institute of Clinical Medicine, National Taiwan University</i>	
11:35~11:55	Novel sources of human stem cells: fetal-stage mesenchymal stem cells and induced pluripotent stem cells	
	Betty Lin-Ju Yen, M.D. (顏伶汝副研究員) <i>Associate Investigator and Attending Physician, Institute of Cellular & System Medicine, National Health Research Institutes</i>	
11:55~12:15	Pluripotency reprogramming beyond transcription factors	
	Hung-Chih Kuo, Ph.D. (郭紘志助研究員) <i>Assistant Research Specialist, Institute of Cellular and Organismic Biology, Academia Sinica</i>	
12:15~12:45	Lunch	B1 Food Court and Room 8001-8004
12:45~14:15	Mini symposium	B1 Room 8005-8006
12:45~14:15	Poster Sessions	B1 Lobby

	E: Somatic Stem Cells and Regenerative Medicine (II)	16F Hall
	Moderators: Yao-Chang Chen, M.D. (陳耀昌教授), Lynn L.H. Huang, Ph.D. (黃玲惠教授)	
14:15~14:45	Control of embryonic stem cell (ESC) differentiation by prostaglandin E₂ (PGE₂) and Rho-associated kinases (ROCK)	
	Kenneth Kun-Yu Wu, M.D., Ph.D. (伍焜玉院士) <i>Academician, Academia Sinica</i> <i>President and Distinguished Investigator, National Health Research Institutes</i>	
14:45~15:05	A novel neuronal differentiation system, combination of culture medium and biomaterial for neural stem precursor cells	
	Tai-Horng Young, Ph.D. (楊台鴻教授) <i>Professor, Institute of Biomedical Engineering, National Taiwan University</i>	
15:05~15:25	Acquire and nurture ESC-Like CD34+ mesenchymal common progenitor cells (CD34+ MCPCs) from human tissues for translational medicine	
	Daniel Tzu-Bi Shih, Ph.D. (施子弼教授) <i>Professor, Graduate Institute of Medical Sciences, Taipei Medical University</i>	
15:05~15:45	Dedifferentiation is a key to limb regeneration in salamanders	
	Hsuan-Shu Lee, M.D., Ph.D. (李宣書教授) <i>Professor & Director, Institute of Biotechnology, National Taiwan University</i>	
15:45~16:05	The opportunities and challenges in cardiac stem cell therapy	
	Patrick Ching-Ho Hsieh, M.D., Ph.D. (謝清河副教授) <i>Associate Professor, Institutes of Clinical Medicine, National Cheng Kung University</i>	
16:05~16:30	Coffee Break	16F and B1 Lobby
	F: Short Talk by TSSCR Best Poster Award Winners	16F Hall
	Moderators: Chia-Ning Shen, Ph.D. (沈家寧教授), Wann-Hsin Chen, Ph.D. (陳婉昕教授)	
16:30~16:40	Best Poster Award_Second Runner Up	
16:40~16:50	Best Poster Award_ Runner Up	
16:50~17:00	Best Poster Award_ Champion	
17:00~17:20	Best Poster Award Ceremony and Closing Remarks	16F Hall
	Emcee: Heng-Yu Chang, Ph.D. (張亨仔教授) Dean Chii-Ruey Tzeng (TMU) (北醫曾啟瑞院長) President Hong-Nerng Ho (TSSCR) (何弘能理事長)	