

# INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN STEM CELL RESEARCH & 2006 ANNUAL MEETING OF TAIWAN SOCIETY FOR STEM CELL RESEARCH

Date: September 01-02, 2006

Place: United Medical Building, Taipei Medical University

台北醫學大學 醫學綜合大樓

## CONFERENCE AGENDA

Day 1		2006.09.01		Day 2		2006.09.02	
08:00~	Registration Open	1F		08:00 ~	Registration Open	16F	
09:00~09:40	Opening Remarks	16F		09:00~10:30	Plenary Session III PL-5, PL-6	16F	
09:40~10:25	Plenary Session I PL-1	16F					
10:25~10:55	Coffee Break	16F		10:30~11:00	Coffee Break	16F	
10:55~11:40	Plenary Session I PL-2	16F		11:00~12:30	Plenary Session IV PL-7, PL-8	16F	
11:40~14:00	Lunch Break	B1		12:30~14:30	Lunch Break	B1	
	Poster Session & Exhibition	B1			Poster Session & Exhibition	B1	
	Stem Cell Forum	4F			TSSCR Annual Meeting	4F	
14:00~15:30	Plenary Session II PL-3, PL-4	16F		14:30~16:00	Concurrent Sessions		
					Session C: 16F CS-C1, CS-C2 CS-C3	Session D: 4F CS-D1, CS-D2 CS-D3	
15:30~15:50	Coffee Break	16F		16:00~16:20	Coffee Break	16F	
15:50~17:50	Concurrent Sessions			16:20~17:10	Short Communications	16F	
	Session A : 16F CS-A1, CS-A2 CS-A3, CS-A4	Session B: 4F CS-B1, CS-B2 CS-B3, CS-B4					SC-1, SC-2, SC-3, SC-4, SC-5
19:00~21:00	Conference Dinner	5F, Taipei 101		17:10~	Close Remark & Best Poster Award Ceremony	16F	

# CONFERENCE PROGRAM

## Day 1 2006.09.01

8:00~	Registration Open	1F Lobby, United Medical Building
9:00~9:40	Opening Remarks	16F, Lecture Hall
9:40~10:25	<b>Plenary Session I</b> Chairs: Dr. John Yu 游正博 教授 Director, Institute of Cellular and Organismic Biology, Academia Sinica, Taiwan President, Taiwan Society for Stem Cell Research Dr. Chi-Ruey Tseng 曾啟瑞 教授 Dean, College of Medicine, Taipei Medical University, Taiwan	16F, Lecture Hall
9:40	PL-1: Yin and Yang of Mesenchymal Stem Cells Paul Simmons, Ph.D., Peter MacCallum Cancer Institute, Australia President, International Society for Stem Cell Research	
10:25~10:55	Coffee Break	
10:55~11:40	PL-2: Hibernation of Hemtopoietic Stem Cells in the Bone Marrow Niche: Role of Lipid Raft Clustering and Niche Signals Hiromitsu Nakauchi, MD., Ph.D., University of Tokyo, Japan	
11:40~14:00	<b>Lunch Break</b> <b>Poster Presentations &amp; Commercial Exhibitions</b> <b>Stem Cell Forum: Ethics &amp; Regulation on Stem Cell Research</b>	B1, Dinning Area B1, Lobby 4F, Conference Hall
14:00~15:30	<b>Plenary Session II</b> Chairs: Dr. Shinn-Zong Lin 林欣榮 教授 President, Hualien Tzu Chi Medical Center, Taiwan Dr. Jacqueline Whang-Peng 彭汪嘉康 教授 Director, Division of Cancer Research, National Health Research Institute, Taiwan	16F, Lecture Hall
14:00	PL-3: Making a Brain: a Molecular Dissection of Neural Induction Claudio D. Stern, Ph.D. University College London, U.K	
14:45	PL4: How to Live without DNA Methylation? Richard Meehan, Ph.D. Western General Hospital, Edinburgh, U.K.	
15:30~15:50	Coffee Break	16F, Lecture Hall
15:50~17:50	<b>Concurrent Sessions</b> <b>Session A Embryonic Stem Cells &amp; Somatic Cell Nuclear Transfer</b>	16F, Lecture Hall
	Chairs: Dr. Sheng-Ping Chang 張昇平 教授 Director, Department of Reproductive Endocrinology, Taipei Veterans General Hospital, Taiwan Dr. Nan-Chi Chang 張南驥 教授 Professor, Institute of Microbiology and Immunology, National Yam-Ming University, Taiwan	
15:50	CS-A1: Derivation and Characterization of Human Embryonic Stem Cells: Preliminary Evidences of <i>In Vitro</i> Differentiation to Germ Cell Lineage Hsin-Fu Chen, M.D., Ph.D., 陳信孚 博士 National Taiwan University, Taiwan	
16:20	CS-A2: Dissecting of Epigenetic Aberration in the Genomes of Cancer and Cloning Animal Using a CpG Islands Microarray Chuan-Mu Chen, Ph.D., 陳全木 博士 National Chung Hsing University, Taiwan	
16:50	CS-A3: Developing Feeder Free Culturing and Automatic Passaging Technique for Growing Human Embryonic Stem Cells Wannhsin Chen, Ph.D., 陳婉昕 博士 Industrial Technology Research Institute, Taiwan.	
17:20	CS-A4: Generation of Cerebellar Neuron Precursors from Embryonic Stem Cells Su, Hong-Lin, Ph.D., 蘇鴻麟 博士 National Chung-Hsieng University, Taiwan	

**Session B Somatic Stem Cells ( I )****4F, Conference Hall**

Chairs: Dr. Chao-Ying Kuo 郭兆瑩 教授  
 Senior Councilor, Division of Cell Engineering, Biomedical Engineering Research,  
 Industrial Technology Research Institute  
 Dr. Kai-Hsin Lin 林凱信 教授  
 Professor, Department of Pediatrics, School of Medicine, National Taiwan University, Taiwan

- 15:50 CS-B1: Gene Expression Profiling Studies of Hematopoietic Stem Cells  
 Chung-Leung Li, Ph.D. 李仲良 博士  
 Institute of Cellular & Organismic Biology /Genomics Research Center,  
 Academia Sinica, Taiwan
- 16:20 CS-B2: Comparison of Human Mesenchymal Stem Cells from Different Tissues  
 Shiao-Min Hwang, Ph.D., 黃效民 博士  
 Food Industry Research and Development Institute, Taiwan
- 16:50 CS-B3: Molecules Controlling Liver Progenitor Cell Niche  
 Hsuan-Shu Lee, M.D., Ph.D., 李宣書 博士  
 National Taiwan University, Taiwan
- 17:20 CS-B4: Analysis of Pancreas Development at the Single Cell level  
 Ming-Ko Chiang, Ph.D., 江明格 博士  
 National Chung Cheng University, Taiwan

19:00~21:00

Conference Dinner

5F, The Banquet Hall, Taipei 101

**Day 2****2006.09.02**

8:00~

Registration Open

16F, Lecture Hall

9:00~10:30

**Plenary Session III**

16F, Lecture Hall

Chairs: Dr. Low-Tone Ho 何棟通 教授  
 Director, Division of Medical Research and Education, Taipei Veterans General Hospital, Taiwan  
 Dr. Winston Teng-Kuei Cheng 鄭登貴 教授  
 Professor, Department of Animal Science and Technology, National Taiwan University, Taiwan

- 9:00 PL-5: Linking Stem Cells and Molecular Motors to Signaling and Neurodegenerative Disease  
 Lawrence Goldstein, Ph.D.  
 University of California San Diego, USA,
- 9:45 PL-6: How to Make a Mammalian Brain  
 Derek Van Der Kooy, Ph.D.,  
 University of Toronto, Canada

10:30~11:00

Coffee Break

16F, Lecture Hall

11:00~12:30

**Plenary Session IV**

16F, Lecture Hall

Chairs: Dr. Hong-Nerng Ho 何弘能 教授  
 Vice Superintendent, National Taiwan University Hospital, National Taiwan University, Taiwan  
 Dr. Ing-Ming Chiu 邱英明 教授  
 Director, Stem Cell Research Center, National Health Research Institute, Taiwan

- 11:00 PL-7: Differentiation of Epithelial Cells from Bone Marrow  
 Diane Krause, M.D., Ph.D.,  
 Yale-New Haven Hospital, USA
- 11:45 PL-8: Stem Cell Refreshment of Adult Mammalian Cardiomyocytes  
 Richard T. Lee, M.D.  
 Harvard University, USA

12:30~14:30

Lunch Break  
 Poster Session and Commercial Exhibitions  
 TSSCR Annual Meeting

B1, Dining Area  
 B1, Lobby  
 4F, Conference Hall

14:30~16:00

Concurrent Sessions

**Session C Somatic Stem Cells ( II )**

16F, Lecture Hall

Chairs: Dr. Yung- Kuei Soong 宋永魁 教授  
 Vice Superintendent, Linkou Chang Gung Memorial Hospital, Taiwan  
 Dr. Tzu-Bi Shih 施子弼 教授  
 Professor, Institute of Cellular and Molecular Biology, Taipei Medical University, Taiwan

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14:30	CS-C1: Mesenchymal Stem Cells: Plasticity and Application Kuang-Sheng Lee, M.D.,Ph.D. 李光申 博士 Taipei Veterans General Hospital, Taiwan
15:00	CS-C2: The therapeutic Strategy of Stem Cells Application in Cerebro-Vascular Disease Woei-Cherng Shyu, M.D.,Ph.D. 徐偉成 博士 Tzu-Chi Buddhist General Hospital, Taiwan
15:30	CS-C3: Characterization of Pulmonary Stem Cells as Model for Various Virus Infections Thai-Yen Ling, Ph.D. 林泰元 博士 National Taiwan University, Taiwan

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**Session D Tissue Engineering**

4F, Conference Hall

Chairs: Dr. Yao-Chang Chen 陳耀昌 教授  
Director, Department and Graduate Institute of Forensic Medicine College of Medicine,  
National Taiwan University, Taiwan  
Dr. Tai-Horng Young 楊台鴻 教授  
Professor, Institute of Polymer Science and Engineering, College of Engineering,  
National Taiwan University, Taiwan

14:30	CS-D1: Tissue-Engineered Peripheral Nerve Conduits Shan-Hui Hsu, Ph.D. 徐善慧 博士 National Chung Hsing University, Taiwan
15:00	CS-D2: Application of Stem Cells and Tissue Engineering in Dentistry Min-Huey Chen, Ph.D. 陳敏慧 博士 National Taiwan University, Taiwan
15:30	CS-D3: The Effects of Alendronate and Lovastatin on Osteogenesis and Adipogenesis in Human Bone Marrow Mesenchymal Stem Cells Mei-Ling Ho, Ph.D. 何美玲 博士 Kaohsiung Medical University, Taiwan

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16:00~16:20 Coffee Break 16F, Lecture Hall

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16:20~17:10 Short Communication, Selected from Poster Abstracts 16F, Lecture Hall

Chair: Dr. Kowit-Yu Chong 張國友 教授  
Assistant Professor, Graduate Institute of Medical Biotechnology  
Chang Gung University, Taiwan  
Dr. Lynn Ling-Huei Huang 黃玲惠 教授  
Professor, Institute of Biotechnology, National Cheng Kung University, Taiwan

16:20	SC-1: Characterization and Gene Expression Profiling of Five New Human Embryonic Stem Cell Lines Derived in Taiwan Li, S. S.-L. Ph.D. 李水龍 博士 Kaohsiung Medical University, Taiwan
16:30	SC-2: Chromosomal Aberrations of Cultured Human Embryonic Stem Cells Detected by Comparative Genomic Hybridization Lin, P.-J., Ph.D. 林佩如 博士 Industrial Technology Research Institute, Taiwan
16:40	SC-3: The Maintenance of Motor Neuron Progenitors in <i>Xenopus</i> Requires a Novel Cyclin Chen, J-A, Ph.D. 陳俊安 博士 The Wellcome Trust/CR UK Gurdon Institute, UK
16:50	SC-4: Immunosuppressive Properties of Placenta-Derived Multipotent Cells(PDMCS) Yen B.L., M.D., Ph.D. 顏伶汝 博士 National Health Research Institutes, Taiwan
17:00	SC-5: Transcriptional Profiling Analysis of CD34+ Stem Cells and Matured Endothelial Cells Reveals Genes Involved in Stemness and Differentiation Hsei-Wei Wang, Ph.D. 王學偉 博士 National Yang-Ming University, Taiwan

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17:10~ Close Remark & Best Poster Award Ceremony 16F, Lecture Hall

Dr. John Yu, 游正博 教授  
Director, Institute of Cellular and Organismic Biology, Academia Sinica. Taiwan  
President, Taiwan Society for Stem Cell Research

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