

# The 8th International Conference on Cell Therapy

Thursday, October 23, 2014  
Seoul National University Hospital  
Children's Hospital, 1F

08:30 ~ 09:00	Registration
09:00 ~ 09:10	Opening
<b>Welcome Address</b>	
Hyo-Soo Kim, M.D., Ph.D. (Chairman of Innovative Research Institute for Cell Therapy, Seoul National University Hospital, Korea)	
<b>Plenary Lectures</b>	
Clinical Lecture Room 1, 1F	
<i>Chair : Seung-Yong Seong, M.D., Ph.D. (Seoul National University College of Medicine, Korea)</i>	
<i>Panel : Tae Min Kim, M.D., Ph.D. (Seoul National University Hospital, Korea) Yong-Oon Ahn, Ph.D. (Seoul National University Hospital, Korea) Kyung-Hee Chun, Ph.D. (Yonsei university College of Medicine, Korea)</i>	
09:10 ~ 09:35	to be announced
	Keiichi Fukuda, M.D., Ph.D. Keio University School of Medicine, Japan
09:35 ~ 09:40	Scientific Panel Question & Answer
09:40 ~ 10:05	Tumor Associated Macrophages – From Mechanism to Therapy
	Jeffrey Pollard, Ph.D. MRC Centre for Reproductive Health University of Edinburgh, UK
10:05 ~ 10:10	Scientific Panel Question & Answer
10:10 ~ 10:35	Adoptive Cell Therapy after Allogeneic Hematopoietic Stem Cell Transplantation
	Marcel R. M. van den Brink, M.D., Ph.D. Memorial Sloan-Kettering Cancer Center, USA
10:35 ~ 10:40	Scientific Panel Question & Answer
10:40 ~ 11:05	Coffee Break
<i>Chair : Hyo-Soo Kim, M.D., Ph.D. (Seoul National University Hospital, Korea)</i>	
<i>Panel : Sahmin Lee, M.D., Ph.D. (Seoul National University Hospital, Korea) Han-Mo Yang, M.D., Ph.D. (Seoul National University Hospital, Korea)</i>	
11:05 ~ 11:30	Hematopoiesis under the Stress
	Toshio Suda, M.D., Ph.D. Keio University School of Medicine, Japan
11:30 ~ 11:35	Scientific Panel Question & Answer
11:35 ~ 12:00	Regenerative Medicine Blueprint
	Andre Terzic, M.D., Ph.D. Mayo Clinic Center for Regenerative Medicine, USA
12:00 ~ 12:05	Scientific Panel Question & Answer
12:05 ~ 12:30	Metabolic Dysfunction and Consequences for Cardiovascular Tissue Regeneration
	Kenneth Walsh, Ph.D. Boston University School of Medicine, USA
12:30 ~ 12:35	Scientific Panel Question & Answer
12:35 ~ 13:30	Lunch
<b>Afternoon Session</b>	
<b>Reprogramming and Stem Cell Therapy I</b>	
Clinical Lecture Room 1, 1F	
<i>Chair : Kenneth Walsh, Ph.D. (Boston University School of Medicine, USA)</i>	
<i>Panel : Heung-Rok Park. (Daewoong Co., Ltd, Korea) Sae-Won Lee, Ph.D. (Seoul National University Hospital, Korea)</i>	
13:30 ~ 13:55	RNA Binding Proteins in Embryonic Stem Cells
	V. Narry Kim, Ph.D. Seoul National University, Korea
13:55 ~ 14:00	Scientific Panel Question & Answer
14:00 ~ 14:25	Bioprocess Optimisation for the Production of Human Adult Mesenchymal Stem Cells, and Differentiation of Cardiomyocytes from Pluripotent Stem Cells
	Steve Oh, Ph.D. Stem Cells & Bioprocessing Technology Institute, Singapore
14:25 ~ 14:30	Scientific Panel Question & Answer
14:30 ~ 14:55	to be announced
	Andre Terzic, M.D., Ph.D. Mayo Clinic Center for Regenerative Medicine, USA

14:55 ~ 15:00	Scientific Panel Question & Answer	
15:00 ~ 15:25	Dissecting Cancer Biology by Studying induced Pluripotency	
	Yasuhiro Yamada, M.D., Ph.D.	Kyoto University, Japan
15:25 ~ 15:30	Scientific Panel Question & Answer	
15:30 ~ 15:50	<i>Coffee Break</i>	
<b>Reprogramming and Stem Cell Therapy II</b>		Clinical Lecture Room 1, 1F
<b>Chair</b> : Hyun-Jai Cho, M.D., Ph.D.		(Seoul National University Hospital, Korea)
<b>Panel</b> : Jung-Kyu Han, Ph.D.		(Seoul National University Hospital, Korea)
Eun Ju Lee, Ph.D.		(Seoul National University Hospital, Korea)
Sae-Won Lee, Ph.D.		(Seoul National University Hospital, Korea)
15:50 ~ 16:15	Identification of Paracrine Factors involved in Regenerative Responses	
	Kenneth Walsh, Ph.D.	Boston University School of Medicine, USA
16:15 ~ 16:20	Scientific Panel Question & Answer	
16:20 ~ 16:45	Genome Editing in Cultured Cells and Whole Organisms with Programmable Nucleases	
	Jin-Soo Kim, Ph.D.	Seoul National University, Korea
16:45 ~ 16:50	Scientific Panel Question & Answer	
16:50 ~ 17:15	Identification of Circulating Multipotent Stem Cells	
	Han-Mo Yang, M.D., Ph.D.	Seoul National University Hospital, Korea
17:15 ~ 17:20	Scientific Panel Question & Answer	
17:20 ~ 17:45	PPARdelta Regulates Angiogenic Function of Myeloid Cells in Tumor Microenvironments	
	Sang Eun Lee, Ph.D.	Seoul National University Hospital, Korea
17:45 ~ 17:50	Scientific Panel Question & Answer	
<b>Cancer Immune Cell Therapy</b>		Clinical Lecture Room 2, 1F
<b>Chair</b> : Dae Seog Heo, M.D., Ph.D.		(Seoul National University Hospital, Korea)
<b>Panel</b> : Je-In Youn, Ph.D.		(Seoul National University College of Medicine, Korea)
Tae Min Kim, M.D., Ph.D.		(Seoul National University Hospital, Korea)
Yong-Oon Ahn, Ph.D.		(Seoul National University Hospital, Korea)
13:30 ~ 14:05	Emerging T Cell-based Immunotherapies of Acute Myeloid Leukemia (AML)	
	Roland Walter, M.D., Ph.D.	Fred Hutchinson Cancer Research Center, USA
14:05 ~ 14:10	Scientific Panel Question & Answer	
14:10 ~ 14:45	Identification and Therapeutic Targeting of Checkpoint Proteins for NK Cell Activation	
	Hun Sik Kim, Ph.D.	University of Ulsan College of Medicine, Korea
14:45 ~ 14:50	Scientific Panel Question & Answer	
14:50 ~ 15:25	Pathological Aspect of PD-1/PD-L Pathway in Lung Cancer	
	Yoon Kyung Jeon, M.D., Ph.D.	Seoul National University Hospital, Korea
15:25 ~ 15:30	Scientific Panel Question & Answer	
15:30 ~ 15:50	<i>Coffee Break</i>	
<b>Cell Therapy for Diabetes</b>		Clinical Lecture Room 2, 1F
<b>Chair</b> : Kyong Soo Park, M.D., Ph.D.		(Seoul National University Hospital, Korea)
<b>Panel</b> : Sung Soo Chung, Ph.D.		(Seoul National University Hospital, Korea)
Hak-Mo Lee, D.V.M., Ph.D.		(Seoul National University Hospital, Korea)
Sung-Hee Ihm, M.D., Ph.D.		(Hallym University Sacred Heart Hospital, Korea)
15:50 ~ 16:25	Deciphering the Functional Role of Serotonin in Beta-Cell	
	Hail Kim, M.D., Ph.D.	KAIST, Korea
16:25 ~ 16:30	Scientific Panel Question & Answer	
16:30 ~ 17:05	Signals that Control Differentiation of ES/iPS Cells into Pancreatic Beta Cells	
	Shoen Kume, Ph.D.	Kumamoto University, Japan
17:05 ~ 17:10	Scientific Panel Question & Answer	
17:10 ~ 17:45	Generation of Insulin Producing Cells Using $\beta$ -Cell Derived Extracellular Vesicles	
	JuEun Oh, Ph.D.	Seoul National University, Korea
17:45 ~ 17:50	Scientific Panel Question & Answer	