

The Third International Conference on Cell Therapy

일시 : 2009년 11월 12일 (목) 08:30~17:50

장소 : 그랜드 힐튼 호텔 (홍은동)



주최



보건복지가족부 지정
혁신형 세포치료 연구중심병원 사업단
IRICT Innovative Research Institute
for Cell Therapy

후원



보건복지가족부
MINISTRY FOR HEALTH, WELFARE AND FAMILY AFFAIRS



서울대학교병원
SEOUL NATIONAL UNIVERSITY HOSPITAL





안녕하십니까.

서울대학교병원 내 보건복지가족부지정 혁신형 세포치료 연구중심병원 사업단에서는 세포치료에 관한 첨단지식을 습득하고, 최근 연구동향을 파악하고자 학계 전문가와 관계자 분들을 모시고 제3회 국제 세포치료 컨퍼런스를 개최하고자 합니다.

올해로 세 번째를 맞이하는 이번 국제 컨퍼런스에서는 세포치료 분야에서 세계적 권위를 인정받고 있는 Advanced Cell Technology의 Robert Lanza 박사와 미국 국립보건원(NIH)의 Polly Matzinger 박사, 게이오 의대 Keiich Fukuda 교수 및 서울대학교 생명과학부의 김 빛내리 교수의 특별강연과 함께, Tissue Specific Stem Cell Therapy, Cancer Immune Cell Therapy, Cell Therapy for Diabetes, Cell Therapy in Orthopedics의 네 가지 주제로 구성된 26 연제의 강연을 통해 세포치료 분야의 최신 연구 결과들이 소개 될 예정입니다. 또한, 식품의약품안전청 바이오의약품정책과 안광수 연구관의 국내 세포치료제 개발의 법적 규제 및 심사, 허가에 관한 강연도 있을 예정입니다.

이번 국제 컨퍼런스를 통해 국내외 저명한 연구자들을 초빙하여 미래의 세포치료 연구개발 분야의 핵심적인 기술을 소개하고 최신지견을 얻을 수 있는 발전적인 계기가 됨과 동시에 연구자들 간의 의견을 교류하고 친선을 도모하는 유익한 배움의 장이 되기를 기대합니다.

서울대학교병원 혁신형 세포치료 연구중심병원 사업단장 **박 영 배**





08:30~08:50	Registration	
08:50~09:00	Opening	
	Welcome Address	Young-Bae Park, M.D., Ph.D. (Chairman of Innovative Research Institute for Cell Therapy, Seoul National University Hospital, Korea)
Plenary Lectures		
		Convention Hall, 4F
		Chair : Hyo-Soo Kim, M.D., Ph.D. (Seoul National University Hospital, Korea)
Panel : Hyun-Jai Cho, M.D., Ph.D. (Seoul National University Hospital, Korea), Yoo-Wook Kwon, Ph.D. (Seoul National University Hospital, Korea)		
09:00~09:35	Future Treatment of Severe Heart Failure Using Regenerative Medicine	Keiich Fukuda, M.D., Ph.D. (Keio University School of Medicine, Japan)
09:35~09:45	Scientific Panel Question & Answer	
09:45~10:20	Embryonic and Induced Pluripotent Stem Cells - Moving from the Bench to the Bedside	Robert Lanza, M.D. (Advanced Cell Technology, USA)
10:20~10:30	Scientific Panel Question & Answer	
10:30~10:50	Coffee Break	
		Chair : Robert Lanza, M.D. (Advanced Cell Technology, USA)
Panel : Nam-Hyuk Cho, Ph.D. (Seoul National University College of Medicine, Korea), Sae-Won Lee, Ph.D. (Seoul National University Hospital, Korea)		
10:50~11:25	Regulation of MicroRNA in Stem Cells and Cancer	V. Narry Kim, Ph.D. (Seoul National University, Korea)
11:25~11:35	Scientific Panel Question & Answer	
11:35~12:10	Danger Part I : What Initiates, Stops, and Tolerizes Immune Responses?	Polly Matzinger, Ph.D. (National Institutes of Health, USA)
12:10~12:20	Scientific Panel Question & Answer	
12:20~13:30	Lunch	
Afternoon Session		
Tissue Specific Stem Cell Therapy I		Convention Hall, Room A, 4F
		Chair : Keiich Fukuda, M.D., Ph.D. (Keio University School of Medicine, Japan)
Panel : Kyung-Woo Park, M.D., Ph.D. (Seoul National University Hospital, Korea), Eun-Ju Lee, Ph.D. (Seoul National University Hospital, Korea) Hyun-Jae Kang, M.D., Ph.D. (Seoul National University Hospital, Korea), Won-il Oh, M.D., Ph.D. (Medipost Co., Ltd.)		
13:30~13:55	Long-Term Outcome of Therapeutic Neovascularization Using Peripheral Blood Mononuclear Cells for Limb Ischemia	Issei Komuro, M.D., Ph.D. (Chiba University Graduate School of Medicine, Japan)
13:55~14:00	Scientific Panel Question & Answer	
14:00~14:25	Notch and Wnt Regulation of Cardiac Progenitors	Chulan Kwon, Ph.D. (Gladstone Institute of Cardiovascular Disease, University of California, San Francisco, USA)
14:25~14:30	Scientific Panel Question & Answer	
14:30~14:55	Differentiation of Human Embryonic Stem Cells into Mesodermal-Lineage Cell Types	Yong-Mahn Han, Ph.D. (Korea Advanced Institute of Science and Technology (KAIST), Korea)
14:55~15:00	Scientific Panel Question & Answer	
15:00~15:25	Generation of Induced Pluripotent Stem Cells under Optimized Environments	Yoshinori Yoshida, Ph.D. (Center for iPS Cell Research and Application (CiRA) Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University, Japan)
15:25~15:30	Scientific Panel Question & Answer	
15:30~15:50	Coffee Break	
Tissue Specific Stem Cell Therapy II		Convention Hall, Room A, 4F
		Chair : Seil Oh, M.D., Ph.D. (Seoul National University Hospital, Korea)
Panel : Hyun-Jai Cho, M.D., Ph.D. (Seoul National University Hospital, Korea), Yoo-Wook Kwon, Ph.D. (Seoul National University Hospital, Korea) Kyung-Woo Park, M.D., Ph.D. (Seoul National University Hospital, Korea), Sae-Won Lee, Ph.D. (Seoul National University Hospital, Korea)		
15:50~16:15	Neural Crest Stem Cells Supply Cardiomyocytes for the Physiological Turnover and the Regeneration after Myocardial Infarction	Keiich Fukuda, M.D., Ph.D. (Keio University School of Medicine, Japan)
16:15~16:20	Scientific Panel Question & Answer	
16:20~16:45	Highly Efficient Neural Differentiation from Human ES and iPS Cells Regardless of Their Innate Differentiation Propensity	Dong-Wook Kim, Ph.D. (Stem Cell Research Center, Yonsei University College of Medicine, Korea)
16:45~16:50	Scientific Panel Question & Answer	
16:50~17:15	Pluripotent Stem Cells Induced from Adult Somatic Cells by Dedifferentiation Without Genetic Manipulation	Hyo-Soo Kim, M.D., Ph.D. (Seoul National University Hospital, Korea)
17:15~17:20	Scientific Panel Question & Answer	
17:20~17:45	Legal Regulations and Permissions of Cell Therapy Medicine in Korea	Kwang Soo Ahn, Ph.D. (Korea Food and Drug Administration, Korea)
17:45~17:50	Scientific Panel Question & Answer	

Cancer Immune Cell Therapy I		Convention Hall, Room B, 4F
Chair : Seung-Yong Seong, M.D., Ph.D. (Seoul National University College of Medicine, Korea)		
Panel : Nam-Hyuk Cho, Ph.D. (Seoul National University College of Medicine, Korea), Kyung-Mi Lee, Ph.D. (Korea University College of Medicine, Korea) Yu Kyeong Hwang, Ph.D. (Mogam Biotechnology Research Institute, Korea), Kyung-Hee Chun, Ph.D. (National Cancer Center, Korea)		
13:30~13:55	Danger Part 2 : What Controls the Effector Class of an Immune Response?	Polly Matzinger, Ph.D. (National Institutes of Health, USA)
13:55~14:00	Scientific Panel Question & Answer	
14:00~14:25	Comprehensive Cancer Immunotherapy : Vaccines and T cell Therapy	Hiroshi Shiku, M.D., Ph.D. (Mie University Graduate School of Medicine, Japan)
14:25~14:30	Scientific Panel Question & Answer	
14:30~14:55	Immune Modulation During Chronic Viral Infection: From Two Different Points of View (T Cells and DCs)	Sang-Jun Ha, Ph.D. (Yonsei University, Korea)
14:55~15:00	Scientific Panel Question & Answer	
15:00~15:25	Maturation of Human Blood Dendritic Cells and Changes of Dendritic Cell Subtypes in Murine Tumors by Ligands of Scavenger Receptors	Jong-Young Kwak, M.D., Ph.D. (Dong-A University School of Medicine, Korea)
15:25~15:30	Scientific Panel Question & Answer	
15:30~15:50	<i>Coffee Break</i>	
Cancer Immune Cell Therapy II		Convention Hall, Room B, 4F
Chair : Hyeon-Seok Eom, M.D., Ph.D. (National Cancer Center, Korea)		
Panel : Sang-Jin Lee, Ph.D. (National Cancer Center, Korea), Tae Woo Kim, Ph.D. (Korea University College of Medicine, Korea) Kyungho Choi, M.D., Ph.D. (National Cancer Center, Korea), Kyung-Mi Lee, Ph.D. (Korea University College of Medicine, Korea)		
15:50~16:15	Costimulation in the Control of Immune Responses	Lieping Chen, M.D., Ph.D. (Johns Hopkins University School of Medicine, USA)
16:15~16:20	Scientific Panel Question & Answer	
16:20~16:45	Th1 Cell Therapy to Overcome Immunosuppressive Tumor-Escape Mechanisms	Takashi Nishimura, Ph.D. (Hokkaido University, Japan)
16:45~16:50	Scientific Panel Question & Answer	
16:50~17:15	Adoptive Transfer of Human Papillomavirus E7-Specific CTL Enhances Tumor Chemoresponse through the Perforin/ Granzyme-Mediated Pathway	Jeong-Im Sin, Ph.D. (Catholic University of Daegu School of Medicine, Korea)
17:15~17:20	Scientific Panel Question & Answer	
17:20~17:45	Knockdown of Immune Suppressive Cytokine Receptor Gene Enhances a Therapeutic Potential of DC Vaccines	Inhak Choi, M.D., Ph.D. (Inje University College of Medicine, Korea)
17:45~17:50	Scientific Panel Question & Answer	
Cell Therapy for Diabetes		Convention Hall, Room C, 4F
Chair : Kyong Soo Park, M.D., Ph.D. (Seoul National University Hospital, Korea)		
Panel : Woo-Kyung Moon, M.D., Ph.D. (Seoul National University Hospital, Korea), Sung-Hee Ihm, M.D., Ph.D. (Hallym University Sacred Heart Hospital, Korea) Hee-Sook Jun, Ph.D. (Gachon University of Medicine and Science, Korea), Sung Soo Chung, Ph.D. (Seoul National University Hospital, Korea)		
13:30~13:55	Means to Improve Engraftment of Transplanted Pancreatic Islets	Per-Ola Carlsson, M.D., Ph.D. (Uppsala University, Sweden)
13:55~14:00	Scientific Panel Question & Answer	
14:00~14:25	Factors Controlling β Cell Differentiation and Growth for the Treatment of Diabetes	Gang Xu, M.D., Ph.D. (The Chinese University, Hong Kong)
14:25~14:30	Scientific Panel Question & Answer	
14:30~14:55	Pdx1 Partners and Targets in the Pancreatic Beta Cell	Doris A. Stoffers, M.D., Ph.D. (University of Pennsylvania School of Medicine, USA)
14:55~15:00	Scientific Panel Question & Answer	
15:00~15:25	Breaking through the Obstacles in Islet Transplantation: Islet Protection and Implantation	JUNG, Hye Seung, 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>	
Cell Therapy in Orthopedics		Convention Hall, Room C, 4F
Chair : Myung Chul Lee, M.D., Ph.D. (Seoul National University Hospital, Korea)		
Panel : Sahng-Hoon Lee, M.D., Ph.D. (Seoul National University Hospital, Korea) Jae-Deog Jang, Ph.D. (Sewon Cellontech Co., Ltd.), Jae-Chul Lee, Ph.D. (Seoul National University Hospital, Korea)		
15:50~16:15	Functional Tissue Engineering for Regenerative Medicine in Orthopaedic Field : Mechanical Stimulation and Hyaluronic Acid	Ken Nakata, M.D., Ph.D. (Osaka University Graduate School of Medicine, Japan)
16:15~16:20	Scientific Panel Question & Answer	
16:20~16:45	Scaffold-Free Tissue Engineered Construct Derived from Synovial Mesenchymal Stem Cells	Norimasa Nakamura, M.D., Ph.D. (Osaka University Graduate School of Medicine, Japan)
16:45~16:50	Scientific Panel Question & Answer	
16:50~17:15	Application of Cell Sheets for Tissue Regeneration in Orthopedics	Chih-Hwa Chen, M.D., MBA (Chang Gung University, Chang Gung Memorial Hospital in Keelung, Taiwan)
17:15~17:20	Scientific Panel Question & Answer	
17:20~17:45	Treatments Using Cultured Autologous Osteoblasts and Chondroblasts	Seok-Jung Kim, M.D., Ph.D. (Uijungbu St Mary's Hospital, The Catholic University, Korea)
17:45~17:50	Scientific Panel Question & Answer	



The Third International Conference on Cell Therapy

Thursday, November 12, 2009
Grand Hilton Hotel Convention Hall, 4F

08:30	Registration		
08:50	Opening		
Plenary Lectures			
09:00	Future Treatment of Severe Heart Failure Using Regenerative Medicine Keiich Fukuda, M.D., Ph.D. (Keio University School of Medicine, Japan)		
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10:30	<i>Coffee Break</i>		
10:50	Regulation of MicroRNA in Stem Cells and Cancer V. Narry Kim, Ph.D. (Seoul National University, Korea)		
11:35	Danger Part I : What Initiates, Stops, and Tolerizes Immune Responses? Polly Matzinger, Ph.D. (National Institutes of Health, USA)		
12:20	<i>Lunch</i>		
13:30	Tissue Specific Stem Cell Therapy I	Cancer Immune Cell Therapy I	Cell Therapy for Diabetes
15:30	<i>Coffee Break</i>		
15:50	Tissue Specific Stem Cell Therapy II	Cancer Immune Cell Therapy II	Cell Therapy in Orthopedics



☞ 등록안내

- 등록 기간 : 10월 1일(목)~11월 9일(월)
- 등록 방법 : 혁신형 세포치료 연구중심병원 사업단 홈페이지(www.celltherapy.re.kr)를 통하여 접수를 받으며 팩스, 전화, 전자우편으로는 접수를 받지 않습니다.
단, 인터넷이 되지 않는 분께서는 사업단 사무국으로 연락을 주시기 바랍니다.
- 등 록 비 : 무료 (사전 등록하신 분에 한하여 중식과 초록집 무료 제공)

☞ 연락처

- TEL : 2072-0220, 740-8969
- Homepage : www.celltherapy.re.kr
- E-mail : jashin717@snu.ac.kr, yjkwon@snuh.org

☞ 교통편 안내

■ 버스

- 그랜드힐튼호텔 하차
공항: 602-1, 초록(지선): 7738, 7739, 서대문 01, 서대문 10, 서대문 14
- 흥은 현대아파트 앞 하차
파랑(간선): 110, 170, 초록(지선): 7018, 7021, 7712, 7713, 7720

■ 지하철

- 3호선 흥제역 2번 출구 : 마을버스 (서대문 01번) 또는 호텔 셔틀버스 (국민은행 앞, 매 시간 50분 전후) 이용

