

The 12th Catholic International Stem Cell Symposium

'Organ-based stem cell medicine'

The Catholic University & Kyoto University 1st Collaborative symposium for stem cell research

- Date: June 29, 2018 (Fri.)
- Venue: St.Mary Hall, Institute of Biomedical Industry, The Catholic University of Korea

Invitation letter

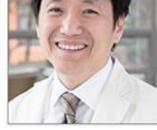
Dear Colleagues,

Greetings!
The Catholic Institute of Cell Therapy (CIC) will hold the 12th Catholic International Stem Cell Symposium under the theme of "Organ-based Stem Cell Medicine".

The replacement of cells and organs through 'regenerative medicine' approaches is rapidly becoming a reality. Many treatments using regenerative medicine are already in the clinic and much more potential treatments are advancing through the clinical trials pipeline. The 12th Catholic International Stem Cell Symposium will highlight a diverse range of current and future cell therapy approaches and the underlying technologies that make them possible. Speakers from various academic fields will discuss their approaches to treating disease in this clinically-focused program with a view point of "Organ-based Stem Cell Medicine".

This year, we are also very happy and honored to hold a satellite symposium by Catholic University and Kyoto University together. A CiRA (Center for iPSC Research and Application) of Kyoto University is a world-leading stem cell institute. A CIC of Catholic University, founded in 2005, has supported bioethics-based research to develop cell therapy technologies under the mission of 'leading the adult stem cell researches based on the catholic bioethics'. We, CIC & CiRA, would like to celebrate the beginning of our collaboration for research and clinical application with adult pluripotent stem cell in this symposium.

The CIC cordially invite all the researchers, clinicians, students, and others who are interested in up-to-date experience in the stem cell researches and cell therapy. This symposium will be a good opportunity to discuss the possibility



Ji Hyeon Ju, MD, Ph.D.
Chair, Organizing Committee,
The 12th Catholic International Stem Cell Symposium
Professor, Department of Rheumatology,
The Catholic University of Korea
CISTEM Lab | Patient-derived iPSC Cell Bank



Kyoung Ho Park, MD, Ph.D.
Director, Catholic Institute of Cell therapy
Professor, Department of Otolaryngology,
Head & Neck Surgery
The Catholic University of Korea

Scientific Program

Time	St.Mary Hall	Institute of Biomedical Industry
09:00	Opening Ceremony	
09:15	Session I History of Catholic Stem Cell Research (Chair: Sin-Soo Jeun (Catholic Univ.))	
	Introduction of CIC and recent Catholic stem cell research	Ji Hyeon Ju (Catholic Univ.)
	Translational research and clinical development of cell therapy for hematology patients in Seoul, St. Mary's Hospital	Seok-Goo Cho (Catholic Univ.)
10:00	Coffee Break & Group Photo	
10:20	Session II Eye (Chair: Choun-Ki Joo (Catholic Univ.), Hyung Min Chung (Konkuk Univ.))	
	iPS cell-derived photoreceptor transplantation	Masayo Takahashi (RIKEN, Japan)
	Co-ordinated generation of multiple ocular cell lineages and fabrication of corneal epithelial cell sheets from human iPSCs	Ryuhei Hayashi (Osaka Univ., Japan)
11:20	Session III Heart (Chair: Sang-Hong Baek (Catholic Univ.), So Ra Park (Inha Univ.))	
	Clinical application of engineering cell sheet for cardiac repair	Yoshiki Sawa (Osaka Univ., Japan)
	Generation of mature cardiomyocytes from human pluripotent stem cells	Yoshinori Yoshida (Kyoto Univ., Japan)
12:20	Lunch	Room 1002 (Mundipharma) Luncheon Symposium I / Room 1003 (BMS) Luncheon Symposium II
13:20	Session IV Face Organs: Eye, Ear, Nose Chair: So-Hyang Chung, Sung Won Kim (Catholic Univ.)	Session V Musculoskeletal: Bone & Cartilage Chair: Seok Jung Kim (Catholic Univ.)
	Mesenchymal stem/stromal cell-based therapy for ocular autoimmune disorders	Tissue repair using versatile cartilage gel from fetal stem cell
	Joo Youn Oh (Seoul National Univ.)	Byoung-Hyun Min (Ajou Univ.)
	Retinal protection by indirect effect of adipose tissue derived stem cells	Spinal cord injury and cell therapy; Where we stand for clinical trials?
	Sang Joon Lee (Kosin Univ.)	Young-Hoon Kim (Catholic Univ.)
	An alternative adult stem cell : Tonsil-derived stem cell	Clinical application of iPSC-derived osteoblasts for spine disease
	Han Su Kim (Ewha Womans Univ.)	Sang-Il Kim (Catholic Univ.)
	High performance neural crest-derived stem cells therapy	
	Jung Yeon Lim (Catholic Univ.)	
14:20	Coffee Break	
14:40	Session VI Solid Organs: Heart, Liver, Kidney Chair: Kun-Ho Yoon, Seung Kew Yoon (Catholic Univ.)	Session VII Plastic Surgery Chair: Deuk-Young Oh (Catholic Univ.)
	Development of high performance combinational cell therapy using 3D bio-printing technology for cardiac repair	Adipose-derived stem/stromal cells
	Hun-Jun Park (Catholic Univ.)	Suk-Ho Moon (Catholic Univ.)
	Disease modeling and experimental transplantation of kidney organoids derived from human iPSCs	Effect of human umbilical cord blood-derived mesenchymal stromal cells on diabetic wound healing
	Yong Kyun Kim (Catholic Univ.)	Hi-jin You (Korea Univ.)
	Regenerative medicine of the liver	Tissue engineering therapies using fat tissues and ASCs
	Dong Ho Choi (Hanyang Univ.)	Hee Young Lee (Medikan Co., Ltd.)
15:40	Coffee Break & Poster Presentation	
16:10	Session VIII Catholic-CiRA Symposium Chair: Junya Toguchida (Kyoto Univ., Japan), Il-Hoan Oh (Catholic Univ.)	Session IX Oral cavity and Tooth Chair: Jun-Beom Park (Catholic Univ.)
	Stem cell-based therapy for Parkinson's disease	3D printing technique for tooth-supportive tissue regeneration
	Jun Takahashi (Kyoto Univ., Japan)	Chan Ho Park (Kyungpook National Univ.)
	Diverse applications of stem cells in transplant medicine	Periodontal ligament stem cell in periodontal regeneration: Current overview and challenge
	Chul-Woo Yang (Catholic Univ.)	Jeong-Ho Yun (Chonbuk National Univ.)
	iPSC-based disease modeling and drug discovery for skeletal diseases	Application of buccal fat for alveolar bone regeneration
	Junya Toguchida (Kyoto Univ., Japan)	Chang-Hyen Kim (Catholic Univ.)
17:25	Award & Closing Ceremony	

[View Details](#)

Registration

중요일자

사전등록 오픈일 | 2018년 4월 30일(월)

사전등록 마감일 | 2018년 6월 24일(일)

등록비

온라인 사전등록

30,000 원

현장 등록

40,000 원

- 현장등록의 경우, 현금결제만 가능합니다.

등록 방법

- 은행명: 우리은행
- 계좌번호: 1005-102-544507 (예금주: (학)가톨릭중앙의료원)

- 입금자명은 "본인명" 또는 "소속기관명본인명"이 되기도록 입금
- 수수료는 본인 부담이며 송금하실 때 성명이 명시되지 않은 송금은 등록확인에 어려움이 있을 수 있으므로 참가자의 성명을 꼭 기재하여 주시기 바랍니다.

등록 확인

- 입금 이후 2주 이내 이메일로 등록확인 가능합니다.
- 현장등록은 심포지엄 당일 사전등록 데스크를 방문하여 진행 가능합니다.

환불 규정

모든 등록 취소 및 환불 요청은 서면으로 사무국으로 접수해야 합니다.
2018년 6월 24일 (일요일)까지 이메일 (gmp@catholic.ac.kr)로 보내주시시오.

[Online Registration](#)

Registration

중요일자

초록접수 마감일 | 2018년 6월 10일(일)

초록접수 기준

- ✓ 제목은 25 단어 내에서 작성하셔야 합니다.
- ✓ 초록은 (배경), (대상 및 방법), (결과), (결론)의 순서로 작성하고, 표나 그림은 삽입하지 않는 것을 원칙으로 하며, 300단어 이내에서 작성하셔야 합니다.
- ✓ 제출된 초록은 타 학술대회에서 발표하지 않았어야 하며, 이미 논문으로 출판된 내용의 초록도 발표해서는 안됩니다.
- ✓ 초록 발표의 형태는 초록 심사 시에 변경될 수 있습니다.

초록형태 : 포스터 발표

Category

- Non-embryonic Stem Cells
- Induced Pluripotent Stem Cells
- Tissue-Specific Stem Cells
- Organ- Specific Stem Cell therapies
- Stem Cell Engineering
- Therapeutic Applications
- Convergence Technologies (Organoid, 3D printing Etc)
- Others

[Abstract Submission](#)

Venue



Symposium Venue (St. Mary Hall, Institute of Biomedical Industry, The Catholic University of Korea)

It takes 4 minutes from The Catholic Univ. Korea Seoul St. Mary's Hospital to St. Mary Hall and Institute of Biomedical Industry (lecture room No.1002, 1003) on foot.

Symposium Secretariat

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