

# The 6<sup>th</sup> International Symposium of Stem Cell & Regenerative Medicine Institute

## Hope for Patients with Incurable Disease

■ 일 시: 2019년 9월 6일 (금) (Sep. 6 (Fri) 2019)

■ 장 소: 삼성서울병원 (일원동) 본관 지하1층 대강당  
(Main Auditorium, Main Building B1, Samsung Medical Center, 81, Irwon-ro, Gangnam-gu, Seoul, Korea)

■ 등록안내 (Registration)

■ 마감일 (Deadline for Pre-Registration)

2019년 9월 2일 (월) (Sep. 2 (Mon) 2019)

■ 등록방법: 온라인 사전등록 (Online Pre-Registration)

<http://SCRMI.urimed.co.kr>

■ 등록비 (Registration Fee)

사전등록 (Pre-Registration)	₩50,000 (학생 Students: ₩30,000)
현장등록 (On-site Registration)	₩70,000 (학생 Students: ₩50,000)

– 중식, 다과, 심포지엄 초록집, 동시 통역 서비스 제공  
(Registration Includes: Lunch, Refreshments, Abstract book, Translational Service)

■ 납부방법 (Payment Methods)

사전등록 (Pre-Registration): 무통장 입금 (Wire Transfer)

- 은행 (Name of Bank): 신한은행 (SHINHAN Bank)
  - 계좌번호 (Account Number): 110-505-512937
  - 예금주 (Account Holder): 김민정 (Min Jeong Kim)
  - 송금인을 반드시 등록자의 이름으로 기재하여 주시기 바랍니다.  
※ The remitter name should correspond with the registrant's name.
- 현장등록 (On-site Registration): 현금 등록만 가능합니다 (Only by Cash).

■ 문의처 (Contact Info)

심포지엄 사무국 (담당자: 김민정 책임연구원, 최하늘 연구원)  
Symposium Office (Min Jeong Kim, Haneul Choi)  
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### 삼성서울병원 줄기세포재생의학연구소 | 제6회 국제 심포지엄 |

안녕하십니까?

무더웠던 여름이 지나고 선선한 바람이 부는 가을의 시작과 함께, 삼성서울병원 줄기세포재생의학연구소(Stem Cell & Regenerative Medicine Institute)는 제6회 국제 심포지엄을 개최하고자 합니다.  
2013년 9월 1일 출범 후 삼성서울병원 줄기세포재생의학연구소는 줄기세포재생의학 연구를 통하여 급/만성 난치성 질환에 대한 새로운 치료를 개발하여 고통 받고 있는 많은 환자들에게 희망을 주기 위한 중개 연구에 매진하고 있습니다.  
금년 심포지엄은 줄기세포재생의학 분야 보건복지부 연구중심병원 육성 R&D 사업 2단계를 마무리하고 3단계를 준비하는 의의도 함께 하고 있습니다.  
금년 심포지엄도 줄기세포재생의학 연구 분야의 국내외 최고 전문가들을 모시고, 이 분야의 기초연구부터 중개연구 및 임상적용까지 줄기세포재생의학 전 분야에 걸친 교류를 할 수 있는 장으로 마련하였으며, 참석자 분들의 편의와 활발한 토의 진행을 위하여 전년보다도 더욱 내실 있는 동시통역도 준비하고 있습니다.  
이번 심포지엄이 우리나라 줄기세포재생의학 연구자 분들에게 많은 도움이 될 수 있기를 기대하며, 관련 연구자분들의 많은 참석과 성원을 부탁드립니다.

감사합니다.

2019년 7월 22일

삼성서울병원 줄기세포재생의학연구소 장윤실 소장 드림



- 17:35~ Adjourn
- 08:50~09:00 Registration
- 09:00~09:05 Opening Remarks  
Yun Sil Chang, Director of SCRMI, Samsung Medical Center
- 09:05~09:10 Congratulatory Address  
O Jung Kwon, President of Samsung Medical Center

Session I	Translational & Clinical Research of Stem Cells for Incurable Diseases Chair : Won Soon Park, Samsung Medical Center / Yeon-Mok Oh, Asan Medical Center
09:10~09:25	Yun Sil Chang, Director of SCRMI, Samsung Medical Center Mesenchymal stem cell therapy in neonatal incurable brain disorders
09:25~09:40	Min Young Kim, CHA Bundang Medical Center Efficacy of allogeneic umbilical cord blood cell therapy combined with erythropoietin for children with cerebral palsy
09:40~09:55	Byung-Ok Choi, Samsung Medical Center Development of therapeutic agent for peripheral neuropathy using stem cell-derived material
09:55~10:05	Discussion
10:05~10:20	Coffee Break

Session II	Keynote Lecture (I) Chair : Yun Sil Chang, Director of SCRMI, Samsung Medical Center / Jong-Hoon Kim, Korea University
10:20~10:50	Shinn-Zong Lin, Tzu Chi University Stem cell therapy in neurosurgical diseases
10:50~11:00	Discussion

Session III	Recent Advances in Stem Cells Research (I) Chair : SeungKwon You, Korea University / Oh Young Bang, Samsung Medical Center
11:00~11:15	Oh Young Bang, Samsung Medical Center Stem cell-derived EV-therapeutics for stroke
11:15~11:30	Jae Hyung Park, Sungkyunkwan University Stem cell-derived exosome: surface modification and its effect on <i>in vivo</i> biodistribution
11:30~11:45	Sun Jae Kwon, ExoCoBio Inc. Development of adipose stem cell-derived exosome as a therapeutic tool to improve atopic dermatitis
11:45~11:55	Discussion
11:55~13:15	Group Photo and Lunch

Session IV	Keynote Lecture (II) Chair : Il-Hoan Oh, The Catholic University of Korea / Dong-Wook Kim, Yonsei University College of Medicine
13:15~13:35	Ryang Hwa Lee, Texas A&M University MSC-derived extracellular vesicles as an alternative to MSC therapy
13:35~13:40	Discussion
13:40~14:00	Deok-Ho Kim, University of Washington Human iPSC-based microphysiological systems for disease modeling and drug screening
14:00~14:05	Discussion

Session V	Future Perspectives of Biomaterials for Regenerative Medicine Chair : Gilson Khang, Chonbuk National University / Jae Ho Kim, Pusan National University School of Medicine
14:05~14:20	Byung-Soo Kim, Seoul National University Exosome-mimetic extracellular nanovesicle-based therapeutics
14:20~14:35	Seung-Woo Cho, Yonsei University Biomaterial platforms for reprogramming and organoid engineering
14:35~14:45	Discussion
14:45~15:00	Coffee Break

Session VI	Recent Advances in Stem Cells Research (II) Chair : Kyung-Sun Kang, Seoul National University / Sun U. Song, Inha University School of Medicine
15:00~15:15	Haeyoung Suh-Kim, Ajou University School of Medicine Preclinical study of genetically modified mesenchymal stem cells
15:15~15:30	Keon Hee Yoo, Samsung Medical Center Functionally improved MSCs for HSCT recipients
15:30~15:45	Jeong Tae Do, Konkuk University Neural lineage differentiation from pluripotent stem cells: a step towards modeling neurological disease
15:45~16:00	Yong Jun Kim, Kyung Hee University Modelling of human genetic schwann cell disorder by comparing congruent patient-specific cell types.
16:00~16:10	Discussion

Session VII	Commercialization of Stem Cell & Regenerative Medicine Chair : So Ra Park, Inha University School of Medicine / Yeup Yoon, Samsung Medical Center
16:10~16:25	Seung Hyun Kim, Hanyang University Hospital Advanced cell based therapeutic strategy for ALS; toward the stratification model and personalized medicine
16:25~16:40	Soyoung Ahn, Dr. Ahn International Patent Law Office Patent strategy in the stem cell and regenerative medicine fields
16:40~16:55	Jong Wook Chang, ENCELL. Co., Ltd World best stem cell CDMO company
16:55~17:10	Si-Whwan Song, ChemOn Inc. Case review of non-clinical study using stem cell in chemon Inc.
17:10~17:20	Discussion
17:20~17:40	Panel Discussion Il-Hoan Oh, The Catholic University of Korea / Kyung-Sun Kang, Seoul National University Sun U. Song, Inha University School of Medicine / Gyu Ha Ryu, Samsung Medical Center / Oh Young Bang, Samsung Medical Center

17:40~ Adjourn