

2018 2nd INTERNATIONAL HY INDANG CENTER FOR REGENERATIVE MEDICINE AND STEM CELL RESEARCH SYMPOSIUM

AUGUST 14TH, 2018 13:30-17:50
TBL Room 6F, College of Medicine, Hanyang University



INVITATION

It is my great pleasure to invite you on the behalf of organizing committee of International HY Indang center for regenerative medicine and stem cell research symposium (<http://hyindang.olly.kr>).

HY ICRMSCR symposium is scheduled on Aug 14th, 2018 at Hanyang University, Seoul, South Korea.

The theme of this Congress is “Organoid and Genome editing” and designed for the development of relationship between the essential members of HY ICRMSCR and Hanyang University and global researchers for organoid.

Again, welcome to the HY ICRMSCR symposium and we are looking forward to meeting you on Aug. 2018 in Seoul.

Sincerely yours,

Dongho Choi, MD, PhD,
Conference Chairman
The 2nd HY ICRMSCR symposium

PROGRAM

2018 2nd INTERNATIONAL
HY INDANG CENTER FOR
REGENERATIVE MEDICINE
AND STEM CELL RESEARCH
SYMPOSIUM

1:30~1:50 Welcome Remarks

Ho Soon Choi
Dean, College of Medicine
Hwon-Kyum Park
Director, Department of Surgery

1:50~2:10 Introduction of HY-ICRMSCR

Jaemin Jeong _ HY-ICRMSCR

2:10~3:30 Organoid

Chair : **Sang-Hun Lee**
Hanyang University College of Medicine

2:10~2:30 Bladder stem cells in regeneration and malignancy: from mice to miniature organs

Kunwoo Shin _ POSTECH

2:30~2:50 Organoid technology; Current limitations and challenges

Jongman Yoo _ CHA University

2:50~3:10 CRISPR/Cas-assisted genetics in intestinal organoids

Bon-Kyoung Koo _ IMBA - Institute of Molecular Biotechnology

3:10~3:30 Intestinal organoid for radiation counter-measure screening

Seung Bum Lee _ KIRAMS

3:30~3:50 Coffee break

3:50~4:30 Jin Kwang Joon Lecture

Chair : **Hwon-Kyum Park**
Hanyang University College of Medicine

3:50~4:30 Vascularized and functional human liver from an iPSC-derived organ bud transplant

Taniguchi Hideki _ Yokohama City University

4:30~5:50 Genome editing

Chair : **Seung Hyun Kim**
Hanyang University College of Medicine

4:30~4:50 Genome editing using CRISPR and its applications

Sangsu Bae _ Hanyang University

4:50~5:10 Efficient genome editing using CRISPR-Cpf1 and -Cas9

Hyongbum (Henry) Kim _ Yonsei University College of Medicine

5:10~5:30 CRISPR/Cas9-mediated knockout of DGK improves anti-tumor activities of human T cells

Jungmin Lee _ Toolgen, Co.

5:30~5:50 Generation of diverse mouse models using CRISPR-Cas system

Young Hoon Sung _ Asan Medical Center

5:50 Closing remark



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Branch Line #2012, #2014, #2016, #2222

Subway Hanyang University Station,
Subway Line #2, Exit #2

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