

# Application of Stem Cells for the Drug Discovery : Organoid & *In vivo* mimicking platform

2018년 11월 8일 (목)

한국생명공학연구원 본원, 본관동 1층 대회의장

12:30-13:30 등록

13:30-13:40 개회사

## Special Lecture

13:40-14:10 Wei Li (Chinese Academy of Sciences)  
**Using stem cells to dissect the genetic basis of phenotypic differences between mammalian species**

14:10-14:25 Coffee Break

## Session I . Basic Research

좌장 : 유대열 (한국생명공학연구원)

14:25-14:55 김용균 (가톨릭대학교)  
**The Applications of kidney organoids derived from hPSCs**

14:55-15:25 유종만 (차의과학대학교)  
**Organoid technology; Challenges on the road to the clinic**

15:25-15:55 신근유 (포항공과대학교)  
**In vitro modeling for bladder diseases**

15:55-16:10 Coffee Break

## Session II. Application Platform

좌장 : 정초록 (한국생명공학연구원)

16:10-16:40 이향애 (안전성평가연구소)  
**In vitro Drug-induced Cardiotoxicity Assays using 3D Cardiac Tissues Derived from Human Pluripotent Stem Cells**

16:40-17:10 최낙원 (한국과학기술연구원)  
**Anisotropically organized 3D culture platform for reconstruction of a hippocampal neural network**

17:10-17:40 송시환 (쥬캠온)  
**Stem cells and nonclinical tests**

17:40-17:50 폐회사

## Networking Reception