

# Joint Conference

## 5<sup>th</sup> KXA Symposium & 12<sup>th</sup> Seoul Forum on Xenotransplantation

2016년 11월 24일 (목) 13:00  
 서울대학교 의과대학 암연구소 2층 이건희홀



### *Current Status of Xenotransplantation and Prospects for Clinical Application*

#### 5<sup>th</sup> Korean Xenotransplantation Association symposium

Chair | Nam Hyung Kim (Chungbuk National University), Curie Ahn (Seoul National University)

Opening Remarks **Nam Hyung Kim** (President of KXA)

13:00-13:30 Genome Editing and Xenotransplantation of Pig in China  
**Ouyang Hongsheng** (Jilin University, China)

13:30-13:50 Production and Characterization of TG pigs for Xenotransplantation in NIAS  
**Seongsoo Hwang** (National Institute of Animal Science)

13:50-14:10 Generation of Genetically Engineered Cloned Pigs for Xenotransplantation  
**Geon A Kim** (Seoul National University)

14:10-14:30 The Korea's Current Status and International Trends of Xenotransplantation Source Animal Development  
**Hyunil Kim** (Optipharm Inc.)

14:30-15:00 The Strategies for Preventing the Macrophage-mediated Rejection in Xenotransplantation  
**Akira Maeda** (Osaka University, Japan)

15:00-15:20 The Possible Application of CAR (Chimeric Antigen Receptor) T Cell Therapy to Transplantation  
**Jun Ho Chung** (Seoul National University)

15:20-15:40 Coffee Break

#### 12<sup>th</sup> Seoul Forum on Xenotransplantation hosted by Xenotransplantation Research Center

Chair | Sang Joon Kim (Myongji Hospital), Kwang-Won Kim (Gachon University)

15:40-16:00 Why Islet Xenotransplantation in Diabetes?  
**Kwang-Won Kim** (Gachon University)

16:00-16:20 Pancreatic Islet Xenotransplantation  
**Chung-Gyu Park** (Seoul National University)

16:20-16:40 Encapsulated Islet Xenotransplantation  
**Kun-Ho Yoon** (The Catholic University of Korea)

16:40-17:20 **Special Lecture:**  
 Islet Xenotransplantation Update in 2016  
**Shinichi Matsumoto** (Otsuka Pharmaceutical Factory Inc., Japan)

17:20-17:30 Coffee Break

17:30-17:50 Corneal Xenotransplantation  
**Mee Kum Kim** (Seoul National University)

17:50-18:10 Clinical Application of Treg Therapy in Transplantation  
**Karim Lee** (University of California, San Francisco, USA)

18:10-18:30 Legislative Issues on the Advanced Regenerative Medicine  
**Hwi Won Kim** (Ewha Womans University)

Closing Remarks **Chung-Gyu Park** (Director of XRC)