

# KAIST Symposium on Obesity, Diabetes and Energy Metabolism

*Date : October 13 (Thur.), 2016, 9:00~14:20*  
*Venue : #1111, BioMedical Research Building(E7), KAIST*

09:20-09:30      Opening Remark by Dr. Yong-Mahn Han (Department Chair of GSMSE)

## Session I: Insulin Resistance and Mitochondria

**Chaired by Gou-Young Koh (KAIST)**

09:30-10:00      **Johan Auwerx (EPFL)**

Cross-species Genetic Mapping of Targets in Metabolism and Aging

10:00-10:30      **Jae Bum Kim (Seoul National University)**

Hyperglycemia Is Exacerbated by Dysregulation of Hepatic SREBP1c-CRY1 Signaling Pathway in Obesity

10:30-10:50      Coffee Break

**Chaired by In kyu Lee (Kyungpook National University)**

10:50-11:20      **Rodrigue Rossignol (INSERM)**

Regulation of Oxidative Phosphorylation in Diabetic Nephropathy and in Cancer: Role of MEF2C-MYF5 and HRAS

11:20-11:40      **Jae Myoung Suh (KAIST)**

From Feast to Famine: Biology and Pharmacology of FGF1

11:40-12:00      **Weiwei Fan (Salk Institute)**

Targeting Muscle PPAR $\delta$  in Metabolic Syndrome

12:00-13:00      Lunch

## Session II: Beta Cell Development, Maturation and Function

**Chaired by Minho Song (Chungnam National University)**

13:00-13:30      **Matthias Hebrok (UCSF)**

Balancing Beta Cell Proliferation and Maturation

13:30-13:50      **Sungsoon Fang (Sejong University)**

Bile Acid Receptor in The Gut: Potent Therapeutic Strategy for The Treatment of Type 2 Diabetes

13:50-14:10      **Yun Sok Lee (KAIST / UCSD)**

The FKN/CX3CR1 System in Regulation of Pancreatic Endocrine Function

14:10-14:20      Closing Remark by Dr. Gou-Young Koh (Director of Center for Vascular Research)