

2020 DMRC International Symposium

Date : December 17th~18th 2020 (Thu, Fri) 15:00 ~ 16:50, 09:30 ~ 13:40

Place : On-line (ZOOM)

Program :

15:00~15:10 Registration

15:10~15:20 Opening Address

Part I. A Novel Target for Metabolic Disease

17th, Dec,
2020

15:10~15:30 ***DNA polymerase eta protects against endogenous DNA lesions that induce senescence and adipose tissue dysfunction***
(Robert A. Harris , Kansas University, USA)

15:10~16:50

15:30~15:50 ***ketone bodies and diabetic kidney disease.***
(Zhaoyun Zhang , Fudan University, China)

15:50~16:10 ***CD38 inhibition decreased renal oxidative stress in diabetic kidney disease by restoring of Sirt3 activation***
(Daisuke Koya, Kanazawa University, Japan)

16:10~16:30 ***Far beyond lysosomes: Role of CTSD in NAFLD***
(Ronit Shiri-Sverdlov, Maastricht University, Netherlands)

16:30~16:50 ***Clusterin mediates the metabolic function of adipose SIRT1***
(Yu Wang, The University of Hong Kong, China)

Part 2. A Novel Target for Cardiovascular Disease

18th, Dec,
2020

09:30~11:10

09:30~09:55 ***Sirtuin 6 mitigates statin induced hyperglycemia***
(Byung-Hyun Park, Chonbuk National University, Korea)

09:55~10:20 ***IGF-1 Protects against Angiotensin II-induced Cardiac Fibrosis***
(Jaetaek Kim, Chung-Ang University, Korea)

10:20~10:45 ***Metabolic Reprogramming in Cardiac Regeneration***
(In-Kyu Lee, Kyungpook National University, Korea)

10:45~11:10 ***TBA***
(Jin Han, Inje University, Korea)

11:10~11:25

Coffee Break

Part 3. Metabolic Diseases and Related Complications: Are we in for a long haul?

11:25~13:30

11:25~11:50 ***The Role of Myricetin in β -cell failure***
(Jun Sung Moon, Yeungnam University, Korea)

11:50~12:15 ***Pyruvate dehydrogenase kinase-2 in hypothalamic inflammation***
(Kyoungso Suk, Kyungpook National University, Korea)

12:15~12:40 ***Glutamine metabolism in tumor immuno-metabolism***
(Keun-Gyu Park, Kyungpook National University, Korea)

12:40~13:05 ***Cellular and intercellular homeostasis in adipose tissue with mitochondria-specific stress***
(Minho Shong, Chungnam University, Korea)

13:05~13:30 ***Physiologic and Pathophysiologic Roles of Organellar Ca²⁺ Homeostasis***
(Kyu-Sang Park, Yonsei University, Korea)

13:30~13:40 Closing Remark

In-Kyu (Vice President of DMRC)

Organizer :  Kyungpook national university hospital



Leading-edge Research Center for Drug Discovery and Development for Diabetes and Metabolic Disease



Co-organizer : Research Institute of Aging and Metabolism of Kyungpook National University