

International Symposium on

# Brain mapping and therapeutics

Date: June 29th (Friday), 2018

Venue: Main auditorium, Korean Brain Research Institute

Organization: The Korea Society of Pharmacology, Korea Brain Research Institute,  
Cardiovascular Research Institute of Kyungpook National University, BK21 PLUS KNU  
Biomedical Convergence Program for Creative Talent

Supporter: KBRI and Kyungpook National University

13:30 Registration and social mixer

13:55 Opening remark (Kyung Keun Kim, President, The Korea Society of Pharmacology)

14:00 -15:10 Session I. Chair: Prof. Kyung-jin Kim, President of Korean Brain Research Institute

14:00 -14:40 Whole-body/organ Imaging with Single-cell Resolution Toward Organism-level Systems Biology. Prof. Hiroki R. Ueda (The University of Tokyo/Riken, Japan)

14:40 -15:10 Visualizing drug target in living brain using PET. Dr. Tetsuya Suhara (National Institute for Quantum and Radiological Science and Technology, Japan)

15:10-15:25 Coffee Break

15:25-17:55 Session II. Chair: Dr. Kea-Joo Lee, KBRI

Prof. Kyung-Soo Nam, Dongguk University, Korea

15:25-15:55 Modeling neurodegenerative diseases in flies. Dr. Hyung-Jun Kim (KBRI, Korea)

15:55-16:25 Cryptochrome-mediated geomagnetic field responsive geotaxis in flies. Prof. Kwon-Seok Chae (Kyungpook National University, Korea)

16:25-16:55 The role of oligodendrocytes in the pathogenesis of amyotrophic lateral sclerosis. Prof. Hae-Chul Park (Korea University Ansan Hospital, Korea)

16:55-17:25 Functional validation of candidate genes for mental disorders using zebrafish. Prof. Cheol-Hee Kim (Chungnam National University, Korea)

17:25-17:55 Human-yeast genetic interaction searching for new drug targets. Prof. Kyoungho Suk (Kyungpook National University, Korea)

17:55 Closing Remark, Kyung-jin Kim (President, KBRI)