

WCP2018 Satellite Symposium Brain mapping and therapeutics

Date and time	Friday, June 29, 2018 from 1:30pm-5:30pm
Venue and room	Korean Brain Research Institute 61 Cheomdan-ro, Dong-gu, Daegu, 41068 Republic of Korea www.kbri.re.kr Room: Auditorium
Purpose of this symposium	Brain mapping is the study of the anatomy and function of the brain and spinal cord through the use of imaging, immunohistochemistry, molecular & optogenetics, stem cell and cellular biology, engineering, neurophysiology and nanotechnology. The symposia is aimed to have neuroscientists understand brain mapping and related technologies/therapies for development of life saving diagnostic and therapeutic procedures.
Organizer:	Prof. InKyeom Kim Department of Pharmacology, Kyungpook National University School of Medicine, Korea
Chairpersons:	Dr. Kea-Joo Lee Korean Brain Research Institute, Korea Dr. Kyounggho Suk Kyungpook National University School of Medicine, Republic of Korea
Speakers:	<p>Whole-body clearing and imaging with single-cell resolution Dr. Hiroki R. Ueda, The University of Tokyo/Riken, Japan</p> <p>Visualizing drug target in living brain using PET Dr. Tetsuya Suhara, National Institute for Quantum and Radiological Science and Technology, Japan</p> <p>Modeling neurodegenerative diseases in flies Dr. Hyung-Jun Kim, Korea Brain Research Institute, Korea</p> <p>Cryptochrome-mediated geomagnetic field responsive geotaxis in flies Dr. Kwon-Seok Chae, Kyungpook National University, Korea</p> <p>The role of oligodendrocytes in the pathogenesis of amyotrophic lateral sclerosis Dr. Hae-Chul Park, Korea University Ansan Hospital, Korea</p> <p>Functional validation of candidate genes for mental disorders using zebrafish Dr. Cheol-Hee Kim, Chungnam National University, Korea</p> <p>Human-yeast genetic interaction searching for new drug targets Dr. Kyounggho Suk, Kyungpook National University, Korea</p>