

The 20th Annual Meeting of the Korean Society for Brain and Neural Science

In conjunct with

International Neural Regeneration Symposium (INRS2017)

August 28-September 1, 2017
Seoul, South Korea

Scientific Program

S20 INRS (International Neural Regeneration Symposium) I: Current advances in neural stem cell research

Date August 31 / **Time** 14:40–16:20 / **Room** Hall4

Organizer Byung Gon Kim (Ajou University School of Medicine)

Co-organizers Kwok-Fai So (University of Hong Kong/Jinan University), Xiao-Ming Xu (Indiana University School of Medicine)

Chairs Xiao-Ming Xu (Indiana University School of Medicine), Eunmi Hur (Korea Institute of Science and Technology)

Time	Speaker	Affiliation	Title
14:40-15:05	Kwok-Fai So	University of Hong Kong/Jinan University	Exercise and neurogenesis
15:05-15:30	Gong Chen	Pennsylvania State University/Jinan University	In Vivo Glia-to- Neuron Conversion For Brain Repair
15:30-15:55	Philip J. Horner	Houston Methodist Research Institute	Combined neural stimulation and neural transplantation to create functional circuits in the injured spinal cord
15:55-16:08	Jeong Beom Kim	Ulsan National Institute of Science and Technology	Direct reprogramming for neurodegenerative diseases
16:08-16:21	Liumin He	Jinan University	Regulation of the differentiation of neural stem cells by biophysical and biochemical signals of nanomaterials

Scientific Program

S24 INRS (International Neural Regeneration Symposium) II: Rebuilding neural circuit after CNS injury

Date August 31 / **Time** 16:40–18:21 / **Room** Hall4

Organizer Byung Gon Kim (Ajou University School of Medicine)

Co-organizers Kwok-Fai So (University of Hong Kong/Jinan University), Xiao-Ming Xu (Indiana University School of Medicine)

Chairs Kwok-Fai So (University of Hong Kong/Jinan University), Byung Gon Kim (Ajou University School of Medicine)

Time	Speaker	Affiliation	Title
16:40–17:05	George Smith	Shriners Hospitals/Temple University	Neural circuits involved in recovery of forelimb reaching and grasping.
17:05–17:30	Yimin Zou	University of California, San Diego	Ryk controls remapping of motor cortex during functional recovery after spinal cord injury
17:30–17:55	Xiao-Ming Xu	Indiana University School of Medicine	Remodeling of lumbar neural circuitry for functional recovery after spinal cord injury
17:55–18:08	Eun-Mi Hur	Korea Institute of Science and Technology	Three-dimensional in vitro modeling of the central nervous system
18:08–18:21	Libing Zhou	Jinan University	$\gamma\delta$ T cells provide the early source of IFN- γ to aggravate lesions in spinal cord injury