**6th SKKU-NU Joint Symposium on Neuroscience**

1. Date : November 24 & 25, 2016
2. Venue : #86120, N-Center, SKKU Natural Sciences Campus
3. Schedule

**November 24 (Thursday)**

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| 14:00-14:05 | Welcome Remarks / Vice President of SKKU |
| 14:05-14:10 | Speech / President of NU |
| 14:10-16:10 | Session 1 | Functional Magnetic Resonance Imaging: Sources, and Limitations(1) **Seong-Gi Kim**,Ph.D., Director of IBS Center for Neuroscience Imaging Research, Professor of Biomedical Engineering Department, SKKU |
| Intra-operative image guided neurosurgery (2) **Toshihiko Wakabayashi**, Professor, Neurosurgery, Vice Dean of Graduate School of Medicine, NU |
| Stem Cell Therapy for Neonatal Brain Disorders (3) **Won-Soon Park**, MD., Ph.D., Professor, Department of Pediatrics, Stem Cell and Regenerative Medicine Institute, Samsung Medical Center, SKKU |
| Novel techniques for epilepsy surgery (4) **Satoshi Maesawa**, Brain and Mind Research Center, Associate Professor, NU |
| 16:10-16:30 | Coffee Break |
| 16:30-18:30 | Session 2 | Patho-mechanism-based Drug Discovery in Parkinson’s Disease (5**) Joo-Ho Shin**, Ph.D., Associate Professor, Medical School, SKKU |
| Endoscopic treatment in neurosurgery (6) **Kazuhito Takeuchi**, Assistant Professor, Dr., Neurosurgery, Medicine, NU |
| Next-generation expansion microscopy (7) **Jae-Bum Chang**, Ph.D., Assistant Professor, Biomedical Engineering Department, SKKU |
| CNT-Template Synthesis and Extraction of One-Dimensional Nanomaterials (8) **Haruka Omachi**, Assistant Professor, Dr., Research Center for Materials Science, NU |
| 18:30-19:00 | IBS Center Tour |

**November 25 (Friday)**

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| 9:30-11:10 | Session 3 | Single Molecule and Cell Analysis by Micro- and Nanofluidic Devices (1) **Noritada Kaji**, Associate Professor, PhD., Applied Chemistry, NU |
| The effect of chronic stress on the neurovascular system of mouse cortex (2) **Minah Suh**, Ph.D., Professor and Chair of Biomedical Engineering Department, IBS CNIR, SKKU |
| To eat or not to eat, that is the question -the neural circuit of appetite control in the simple genetic model C. elegans-(3) **Young-Jai You**, Ph.D., Biological Science, Designated Associate Professor, PhD., NU |
| Role of γ-secretase-notch axis in neuroinflammation (4) **Dong Gyu Jo**, Ph.D., Associate Professor, School of Pharmacy, SKKU |
| 11:10-11:30 | Coffee Break |
| 11:30-13:10 | Session 4 | Postoperative acute therombogenesis (5) **Shinsuke Muraoka**, Neurosurgery, Staff member, Dr., NU |
| Magnetic susceptibility quantification of in-vivo brain tissue using MRI (6) **Seung-Kyun Lee**, Ph.D., Assistant Professor, Biomedical Engineering Department, IBS CNIR, SKKU |
| CE-TOF-MS analysis of aerobic glycolysis metabolism on glioblastoma (U251SP) modified in electrically discharged plasma activated medium (PAM) cultivation(7) **Kenji Ishikawa**, Ph.D., Plasma Medical Science Global Innovation Center and Plasma Nanotechnology Research Center, Research Professor, NU |
| The role of gamma synchrony in sensorimotor behavior (8) **Joonyeol Lee**, Ph.D., Assistant Professor, Biomedical Engineering Department, IBS CNIR, SKKU |
| 13:10-13:30 | Discussion | Discuss about the brief plan in 2017 |
| 13:30-13:40 | Closing Remarks |