3rd Scientific Meeting of ISMRM JAPANESE CHAPTER

Young Investigators' Session

Expanding the insights on future MRI study for young researchers: the examples of neuroscience

Overview

This project aims to re-think, together with young investigators, the role of MRI; why researchers in different fields use MRI as a research tool? In this time, we want to explore it through especially resting fMRI and multi-modality approaches.

Objectives

This project will feature a mixture of invited scientific presentations and group discussion providing an open forum for discussions as follows;

- What MRI tells and how we can interpret it?
- What would be needed to apply and expand MRI to other fields such as neuroscience?

Date & Place

Dec 22, 2018 16:05 ～

@ 2F Conference Hall

Chairs

- Chika Sato
- Akiko Uematsu

Presenters

selected from submitted abstracts

1. **Akira Sumiyoshi** et al. (National Institute on Drug Abuse, NIH)
   Chemogenetic astrocyte activation induces fluctuations in resting-state functional MRI signal

2. **Yawara Haga** et al. (Tokyo Metropolitan University Graduate School)
   Structural and Functional Characteristics of the Common Marmoset Brain Assessed Using Connectome Analysis

3. **Sho K. Sugawara** et al. (National Institute for Physiological Sciences)
   Motor engram is encoded in dormant neuronal network

4. **Kazuya Kawabata** et al. (Nagoya University)
   Visuoperceptual disturbances in non-demented Parkinson's disease: Functional and Effective connectivity features

JPC/ISMRM Trainee Representatives

- Kazuya Kawabata (Department of Neurosurgery, Nagoya University, Graduate School of Medicine)
- Sho K. Sugawara (National Institutes for Physiological Sciences)
- Chika Sato (National Institutes for Quantum and Radiological Science and Technology)
- Akiko Uematsu (RIKEN)

Supervisor and Mentor

- Toshiharu Nakai (National Center for Geriatrics & Gerontology)
- Toshihiko Aso (Department of Psychiatry, Kyoto University)