

Luncheon Seminar

LS-1 Imaging of Synaptic Molecules : Tips for Neurohistochemistry

Wednesday, July 20 12:00~13:00 Room B (501)

Masahiko Watanabe

Departments of Anatomy, Hokkaido University Graduate School of Medicine

Co-hosted by OLYMPUS CORPORATION

LS-2 Understanding the brain in action: next generation tools enabling access to the neural circuits underlying behavior and disease

Wednesday, July 20 12:00~13:00 Room C (502)

Chairperson : Jonathan Nassi
Inscopix, USA

LS-2-1 Illuminating activity-dependent signaling and circuits

Haruhiko Bito

Graduate School of Medicine, The University of Tokyo, Japan

LS-2-2 Inscopix-enabled deep brain imaging in freely behaving animals

Jonathan Nassi

Inscopix, USA

Co-hosted by Inscopix, Inc.

LS-3 Enlightening the future of Neuroscience

Wednesday, July 20 12:00~13:00 Room D (503)

Chairperson : Hiromu Yawo
Tohoku University Graduate School of Life Sciences

LS-3-1 Imaging presynaptic tonic inhibition in the cerebellum with a fluorescent indicator protein for neuronal chloride

Ken Berglund

Emory University School of Medicine, U.S.A

LS-3-2 Brain activity imaging with a bioluminescent sensor for membrane voltage

Takeharu Nagai

The Institute of Scientific and Industrial Research, Osaka University

LS-3-3 All-optical approach to the mesoscopic neural circuitry analysis in vivo

Hiromu Yawo

Tohoku University Graduate School of Life Sciences

Co-hosted by NARISHIGE SCIENTIFIC INSTRUMENT LAB.

LS-4 Development of PET probe to visualize AMPA receptors in human

Wednesday, July 20 12:00~13:00 Room E (301)

Chairperson : Makoto Higuchi

Team Leader, National Institute of Radiological Sciences, National Institutes for Quantum and Radiological Science and Technology

Takuya Takahashi

Department of Physiology, Yokohama City University Graduate School of Medicine

Co-hosted by Eisai Co., Ltd.

LS-5 Volume 3D Imaging for Neuroscience -Three different approaches-

Thursday, July 21 12:00~13:00 Room B (501)

Chairperson : Masamichi Ashihara

FEI Company Japan Ltd.

Reveal the 3 dimensional structure of tissue and cell by volume 3D imaging

Masamichi Ashihara

FEI Company Japan Ltd.

Co-hosted by FEI Company Japan Ltd.

LS-6 Brain-Machine Interface

Thursday, July 21 12:00~13:00 Room C (502)

Chairperson : Shinobu Masaki

ATR-Promotions Inc. Brain Activity Imaging Center

BMI control of exoskeleton robots for rehabilitation and healthcare

Jun Morimoto

Department of Brain Robot Interface, ATR Computational Neuroscience Labs

Co-hosted by ATR-Promotions Inc.

LS-7 Approaching the Root Cause of Alzheimer's Disease

Thursday, July 21 12:00~13:00 Room D (503)

Chairperson : Masaru Mimura

Department of Neuropsychiatry, Keio University School of Medicine

LS-7-1 Molecular Pathology of Tau Protein and Therapeutic Strategy Targeting Tau

Toshihisa Tanaka

Division of Psychiatry, Course of Internal Medicine, Osaka University Graduate School of Medicine

LS-7-2 The Development of Agents for the Preventives and Therapeutics of Alzheimer's Disease Based on Oligomer Hypothesis

Kenjiro Ono

Department of Neurology Showa University School of Medicine

Co-hosted by Novartis Pharma K.K.

LS-8 The issues about the car driving by psychiatric patients: necessity of the solution by brain science

Thursday, July 21 12:00~13:00 Room F (302)

Chairperson : Kiyoto Kasai

Department of Neuropsychiatry, Graduate School of Medicine, The University of Tokyo

Norio Ozaki

Department of Psychiatry, Graduate School of Medicine, Nagoya University

Co-hosted by SHIMADZU CORPORATION

LS-9 Applicability of human information database to researches and data-driven businesses

Friday , July 22 12:00~13:00 Room B (501)

Chairperson : Atsushi Iriki

RIKEN Brain Science Institute

Coordinator: Ippei Hagiwara

NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.

LS-9-1 Atsushi Iriki

RIKEN Brain Science Institute

LS-9-2 Masahiko Haruno

National Institute of Information and Communications Technology(NICT), Center for Information and Neural Networks (CiNet)

LS-9-3 Takatsune Kumada

Intelligence Science and Technology, Graduate school of Informatics, Kyoto University

LS-9-4 Fumihiko Takayama

Info-Future Research Center, NTT DATA INSTITUTE OF MANAGEMENT, CONSULTING, Inc.

Co-hosted by NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.

LS-10 Steroid-induced mood disorders: an update

Friday , July 22 12:00~13:00 Room C (502)

Chairperson : Masaru Mimura
Department of Neuropsychiatry, Keio University School of Medicine

Katsuji Nishimura

Department of Psychiatry Tokyo Women's Medical University

Co-hosted by MOCHIDA PHARMACEUTICAL CO., LTD/ Yoshitomiyakuin Corporation

LS-11 The role of dopamine transporter imaging in the diagnosis of neurodegenerative parkinsonism

Friday, July 22 12:00~13:00 Room D (503)

Chairperson : Masahiro Nomoto
Department of Neurology and Clinical Pharmacology, Ehime University Graduate School of Medicine

Satoshi Orimo

Department of Neurology, Kanto Central Hospital

Co-hosted by Nihon Medi-Physics Co., Ltd./ Sumitomo Dainippon Pharma Co., Ltd.

LS-12

Friday , July 22 12:00~13:00 Room E (301)

LS-12-1 The new LSM technology applied to Neuroscience

Haruhiko Bito

Department of Neurochemistry, The University of Tokyo, Graduate School of Medicine

LS-12-2 Your New Standard for Fast and Gentle Confocal Imaging LSM 8 family with Airyscan

Akira Satoh

Carl Zeiss Microscopy Co., Ltd.

Co-hosted by Carl Zeiss Microscopy Co ., Ltd.