

International Symposium on “Microendophenotype on psychiatric disorders”

-新学術領域「マイクロ精神病態」国際シンポジウム-

「Cellular and Circuit Mechanisms underlying Psychiatric Disorders」

精神病態の細胞・回路レベルの理解に向けて

2016年7月19日(火) 午前10時-午後5時30分(受付開始午前9時30分)

Date: July 19, 2016 (Tue)

Time: 10:00~17:30 (Registration starts at 9:30)

横浜ワールドポーターズ 6階 イベントホールA

Place: Event Hall A, YOKOHAMA “WORLD PORTERS” 6F

(<http://www.yim.co.jp/index.html>, http://www.yim.co.jp/foreign/directory_en/)

プログラム

AM10:00-10:10

Opening remark

Satoshi Kida (Tokyo University of Agriculture)

Session 1:

10:10-10:35

Akiko Hayashi-Takagi (Gunma University)

“Wide-field mapping of Hebbian synaptic potentiation using the synaptic optoprobes”

10:35-10:55

Hiroyuki Nawa (Niigata University)

“Postpubertal impairments of auditory processing in a cytokine-induced schizophrenia model”

10:55-11:25

Kazu Nakazawa (University of Alabama, USA)

“Neuropsychiatric signs produced by NMDAR hypofunction in GABA neurons”

Session 2:

11:25-11:45

Tomoyo Sawada, Thomas E. Chater, Yukiko Goda, Tadafumi Kato (RIKEN Brain Science Institute)

“Analysis of iPSC-Derived Neural Cells from Monozygotic Twins Discordant for Psychosis”

11:45-12:15

Jun Yao (Tsinghua University, China)

“Hyper-excitability of Neurons generated from Patients with Bipolar Disorder”

Lunch 12:15-13:30

Session 3

13:30-14:00

Hongjun Song (Johns Hopkins University, USA)

“Modeling 15q11.2 CNV genetic risks for psychiatric disorders.”

14:00-14:30

Guo-Li Ming (Johns Hopkins University, USA)

“Function of risk genes for mental disorders in human neurons”

Session 4

14:30-15:00

Andrew Holmes (NIH/NIAAA, USA)

“Identifying novel regulators of amygdala-mediated fear extinction”

15:00-15:20

Satoshi Kida (Tokyo University of Agriculture)

“Active transition from fear to safety”

Coffee break 15:20-15:45

Session 5

15:45-16:15

Mazen Kheirbek (University of California San Francisco, USA)

“Deconstructing the hippocampal circuits that control emotional behavior.”

16:15-16:45

Cyril Herry (INSERM, Neurocentre Magendie, France)

“Temporal encoding of fear behaviour in prefrontal circuits”

16:45-17:15

Attila Losonczy (Columbia University, USA)

“Functional imaging hippocampal microcircuits during learning”

Closing remarks