

# International symposium on Memory Mechanisms and Related Disorders

..... 国際シンポジウム .....

## 記憶とその関連脳疾患のメカニズム

後援: Association for the Study of Neurons and Diseases (AND), Molecular Brain, Molecular Pain.

### Main organizers:

Satoshi Kida (The University of Tokyo)  
Min Zhuo (Qingdao Forevercheer Pharmaceutical and Technology)

### Confirmed speakers:

Haruhiko Bito (The University of Tokyo)  
Kaoru Inokuchi (University of Toyama)  
Bong-Kiun Kaang (Institute for Basic Science, South Korea)  
Satoshi Kida (The University of Tokyo)  
Yoshiharu Kim (National Center of Neurology and Psychiatry)  
Ai Koizumi (Sony Computer Science Laboratories)  
Yong-Seok Lee (Seoul National University, South Korea)  
Tsuyoshi Miyakawa (Fujita Health University)  
Masanori Sakaguchi (Tsukuba University)  
Min Zhuo (Qingdao Forevercheer Pharmaceutical and Technology)

Date

**5月13日 午後1時-6時**  
PM1:00-6:00, May 13<sup>th</sup>, 2024

Venue

東京大学農学部弥生キャンパス・  
弥生講堂アネックスセイホクギャラリー  
(文京区弥生1-1-1, 南北線東大前駅から徒歩1分)  
Annex Hole at Yayoi Campus of  
The University of Tokyo  
(1-1-1 Yayoi, Bunkyo-ku, Tokyo, Japan)

Inquiry

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International symposium on memory mechanisms and related disorders

This symposium is supported by AND, Molecular Brain, and Molecular Pain.

May 13<sup>th</sup> @ Annex Hole at Yayoi Campus of The University of Tokyo

(1-1-1 Yayoi, Bunkyo-ku, Tokyo, Japan)

13:00 Opening Remarks; Satoshi Kida and Min Zhuo

13:10 “Current status of synaptic engram” Bong-Kiun Kaang (Institute for Basic Science, South Korea)

13:35 “Function of engrams in the idling brain” Kaoru Inokuchi (University of Toyama)

14:00 “TBA” Haruhiko Bito (The University of Tokyo)

14:25 “Cell type-specific mechanisms of learning deficits in mouse models of Rasopathy” Yong-Seok Lee (Seoul National University, South Korea)

14:50 “Repeated neural activations induce long-term structural plasticity of the nucleus through cell cycle reentry” Tsuyoshi Miyakawa (Fujita Health University)

15:15-15:40 Coffee Break

15:40 “Cortical plasticity and its implication in chronic brain disease: from chronic pain to depression” Min Zhuo

16:05 “Clinical perspective of PTSD: concept, classification and treatment”  
Yoshiharu Kim (National Center of Neurology and Psychiatry)

16:30 “PTSD and Sleep” Masanori Sakaguchi (Tsukuba University)

16:55 “Time-dependent neural arbitration between cue associative and episodic traumatic memories” Ai Koizumi (Sony Computer Science Laboratories)

17:20 “Roles of cAMP signaling pathway in PTSD” Satoshi Kida (The University of Tokyo)

17:45 Closing Remarks; Bong-Kiun Kaang & Satoshi Kida

18:00-18:45 Social Gathering

May 14<sup>th</sup>

8:00-10:00 Molecular Brain / AND council meeting