

## International Symposium: New Perspectives on Neural Mechanisms of Cognition and Action

11月13日

10:00-10:10	Opening remark	Eiji Hoshi (Tamagawa University, Tokyo, Japan)
10:10-10:40	Session 1 (Chair, K. Sakai)	<b>Reward Inference by Prefrontal and Striatal Neurons</b> Masamichi Sakagami (Tamagawa University, Tokyo, Japan)
10:40-11:10		<b>Roles of the thalamus in voluntary eye movements</b> Masaki Tanaka (Hokkaido University, Sapporo, Japan)
11:10-12:10		<b>Look away! Role of prefrontal cortex in anti-saccade generation</b> Stefan Everling (University of Western Ontario, London, Ontario, Canada)
12:10-13:00	Lunch	
13:00-13:30	Session 2 (E. Hoshi)	<b>Spinal interneurons: A new role for controlling voluntary movements</b> Kazuhiko Seki (National Center of Neurology and Psychiatry, Tokyo, Japan)
13:30-14:00		<b>Intracortical mechanism underlying self-initiation of voluntary movements</b> Yoshikazu Isomura (RIKEN, Wako, Japan)
14:00-15:00		<b>The link between limb mechanics and primary motor cortex</b> Stephen H Scott (Queen's University, Kingston, Ontario, Canada)
15:00-15:15	Break	
15:15-15:45	Session 3 (K. Tsutsui)	<b>Neuronal activity related to residual vision in the superior colliculus of monkeys with unilateral V1 lesion</b> Masatoshi Yoshida (National Institute for Physiological Sciences, Aichi, Japan)
15:45-16:15		<b>Dynamic readout of behaviorally relevant sensory signals during task switching</b> Takanori Uka (Juntendo University, Tokyo, Japan)
16:15-16:45		<b>Input-output organization of the cerebellar cortex for wrist motor control</b> Shinji Kakei (Tokyo Metropolitan Institute for Neuroscience, Tokyo, Japan)
16:45-17:00	Break	
17:00-18:00	Special Lecture	<b>Neuronal basis of action valuation and selection in the basal ganglia</b> Minoru Kimura (Kyoto Prefectural University of Medicine, Kyoto, Japan)
18:15-20:15	Reception	

11月14日

9:00-9:30	Session 4 (K. Seki)	<b>Network-based Mechanism of Prefrontal Control</b> Katsuyuki Sakai (University of Tokyo, Tokyo, Japan)
9:30-10:00		<b>Prefrontal cortex and categorical reasoning</b> Ken-ichiro Tsutsui (Tohoku University, Miyagi, Japan)
10:00-10:30		<b>Neural Organization of Saccade Generation and Suppression</b> Yoshiko Izawa (Tokyo Medical and Dental University, Tokyo, Japan)
10:30-10:45	Break	

10:45-11:15	Session 5 (M. Tanaka)	<b>Neural circuits involved with saccade adaptation</b> Yoshiko Kojima (University of Washington, Seattle, U.S.A.)
11:15-12:15		<b>Priority map for action and perception in the primate superior colliculus</b> Richard J Krauzlis (Salk Institute, San Diego, U.S.A.)
12:15-13:00	Lunch	
13:00-13:30	Session 6 (Y. Isomura)	<b>Coding of appetitive and aversive value in the primate dorsal raphe nucleus</b> Kae Nakamura (Kansai Medical University, Osaka, Japan)
13:30-14:30		<b>The relationships between the Basal Ganglia and the Frontal cortex: New issues to understand the neural basis of behavioural disorders</b> Léon Tremblay (CNRS, Lyon, France)
14:30-14:45	Break	
14:45-15:15	Session 7 (S. Miyachi)	<b>A morphological reevaluation of the network in the basal ganglia</b> Fumino Fujiyama (Kyoto University, Kyoto, Japan)
15:15-15:45		<b>Motivational signals in the lateral habenula and dopamine neurons</b> Masayuki Matsumoto (National Institutes of Health, Bethesda, U.S.A.)
15:45-16:00	Break	
16:00-17:00	Special Lecture	<b>Revisiting motor areas in the medial cortical hemisphere of primates</b> Jun Tanji (Tamagawa University, Tokyo, Japan)
17:00-18:00	Concluding Remark	Masahiko Takada (Kyoto University, Aichi, Japan)