Key: ◆ **Indicates Potential Conflict with another presentation.**

Saturday, November 15, 2008

1:00 pm - 5:00 pm — Poster 77. Voluntary Movement: Finger and Grasp Control — Washington Convention Center: Hall A-C

1:00 pm - 2:00 pm 77.17/OO5 Spinomuscular coherence in monkeys performing a precision grip task

***T. TAKEI**[1], K. SEKI[1,2];
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1:00 pm - 5:00 pm — Poster 78. Comparative Anatomy: Cortical Structures — Washington Convention Center: Hall A-C

3:00 pm - 4:00 pm 78.7/OO12 SPP1 is selectively expressed in large pyramidal neurons in layer V of the macaque sensorimotor cortex

***N. HIGO**[1,2], A. SATO[2,3], T. YAMAMOTO[1,2,4], Y. NISHIMURA[2,5,6], T. OISHI[1,2,7], Y. MURATA[1,4], H. ONOE[2,8], K. SAITO[5], F. TSUBOI[5,9], T. ISA[2,5,9], T. KOJIMA[2,3];
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Sunday, November 16, 2008

8:00 am - 12:00 pm — Poster 167. Eye Movements: Brainstem, Cerebellum, and Muscles — Washington Convention Center: Hall A-C

◆ 8:00 am - 9:00 am 167.17/JJ19 The lateral interactions in the superficial and intermediate layers of the mouse superior colliculus slice

***P. PHONGPHANPHANEE**[1,2], R. MARINO[3], K. KANEDA[1,2], Y. YANAKAWA[4], D. MUNOZ[3], T. ISA[1,2,5];
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◆ 9:00 am - 10:00 am 167.18/JJ20 Feedforward inhibition by local GABAergic neurons regulates activity of wide-field vertical cells in mouse superior colliculus
***K. KANEDA**[1,2], Y. YANAGAWA[3], T. ISA[1,2];
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1:00 pm - 5:00 pm Poster 272. Kinematics and EMG: Diseases Washington Convention Center: Hall A-C

4:00 pm - 5:00 pm 272.4/II3 Mirror movements induced by inactivation of primary motor cortex is caused by increased activation in the contralateral primary motor cortex in monkeys
***F. TSUBOI**[1,3], Y. NISHIMURA[4], K. SAITO[3], T. ISA[2,3,5];
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Monday, November 17, 2008

8:00 am - 12:00 pm Poster 380. Voluntary Movement: Plasticity I Washington Convention Center: Hall A-C

11:00 am - 12:00 pm 380.20/RR22 Changes in regional brain activities involved in recovery of dexterous hand movements after lesion of the primary motor cortex: PET study with a macaque monkey
***Y. MURATA**[1,2,3], N. HIGO[1,2], Y. NISHIMURA[2,4,5], T. OISHI[2,6], H. TSUKADA[2,7], T. ISA[2,4,8], H. ONOE[2,9];
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1:00 pm - 5:00 pm Poster 465. Visuomotor Processing II Washington Convention Center: Hall A-C

1:00 pm - 2:00 pm 465.5/JJ25 A neural correlate for the spatial memory after V1 lesion
***K. TAKAURA**, M. YOSHIDA, T. ISA;
Grad Univ., Okazaki, Japan

1:00 pm - 5:00 pm Poster 469. Spinal Cord Injury and Recovery II Washington Convention Center: Hall A-C

◆ 3:00 pm - 4:00 pm 469.3/MM8 Gene expression analysis of motor-related areas of the monkey neocortex during recovery from corticospinal tract lesion
***A. SATO**[1,2], Y. NISHIMURA[3,4,2], T. OISHI[5,2,6], N. HIGO[6,2], Y. MURATA[6,2,7], H. ONOE[8,2], K. SAITO[3], F. TSUBOI[3,9], M. TAKAHASHI[3], T. ISA[3,2,9], T. KOJIMA[1,2];
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◆ 3:00 pm - 4:00 pm 469.15/MM20 Strengthen of functional connectivity between motivation center and motor cortex during recovery after spinal-cord injury

***Y. NISHIMURA**[1,2,4], H. ONOE[4,5], K. ONOE[6], Y. MORICHIKA[2], H. TSUKADA[4,7], T. ISA[2,3,8];
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Tuesday, November 18, 2008

8:00 am - 12:00 pm Poster 579. Voluntary Movement: Plasticity II Washington Convention Center: Hall A-C

11:00 am - 12:00 pm 579.16/QQ42 Functional corticofugal pathway for compensation of forelimb movements in rats with neonatal hemidecortication

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1:00 pm - 5:00 pm Poster 667. Eye Movements: Saccades I Washington Convention Center: Hall A-C

2:00 pm - 3:00 pm 667.14/MM15 Accurate control of saccade during movement was impaired after lesion of the primary visual cortex

***T. IKEDA**[1,2], M. YOSHIDA[1,3], T. ISA[1,2,3];
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Wednesday, November 19, 2008

1:00 pm - 5:00 pm Poster 860. Voluntary Movement: Cortical Planning and Execution VII Washington Convention Center: Hall A-C

◆ 3:00 pm - 4:00 pm 860.19/JJ10 Motor networks in the primate cervical spinal cord explored using intraspinal microstimulation

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◆ 4:00 pm - 5:00 pm 860.20/JJ11 Activity of spinal interneurons mediating afferent inputs from forearm muscles in monkeys performing voluntary wrist movement

***K. SEKI**[1,2], T. TAKEI[1];
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