Nov 9

1. Sat, Nov 9, 2:00 - 3:00 PM

74.10/QQ20

*S. SASADA[1], K. KATO[1,2,3], S. KADOWAKI[4], T. KOMIYAMA[5], Y. UGAWA[4], Y. NISHIMURA[1,2,6];

Neural modules for walking in human lumbar spinal cord

Nov 10

2. Sun, Nov 10, 9:00 - 10:00 AM

168.02/PP9

*T. SEKIGUCHI[1], T. KONDO[2], K. YOSHINO-SAITO[2], Y. YOSHIHARA[1], A. KOSUGI[1], M. NAKAMURA[3], H. J. OKANO[4], J. USHIBA[5], Y. NISHIMURA[6], H. OKANO[2], T. ISA[6];

Electrophysiological characterization of spinal cord in C4/C5 hemisected common marmosets

3. Sun, Nov 10, 9:00 - 10:00 AM

168.22/QQ5

*T. KONDO[1], K. YOSHINO-SAITO[1,2], M. TAKEMI[3], T. SEKIGUCHI[3], A. KOSUGI[3], Y. YOSHIHARA[3], Y. NISHIMURA[4], T. ISA[4], H. J. OKANO[5], M. NAKAMURA[6], J. USHIBA[7], H. OKANO[1];

Corticospinal tract plasticity contributes to functional motor recovery after C4/5 lateral hemisection in common marmosets

Nov 11

4. Mon, Nov 11, 11:00 AM - 12:00 PM

365.08/BBB22

*M. YOSHIDA[1], R. VEALE[2];

A saliency-guided neural prosthesis for recovery of visual attention: design and simulation

5. Mon, Nov 11, 2:00 - 3:00 PM

464.06/AAA24

*D. KOKETSU[1], N. HATANAKA[1], T. ISA[2], A. NAMBU[1]

Neurophysiological and anatomical studies of area 3a using common marmosets

Nov 12

6. Tue, Nov 12, 3:00 - 4:00 PM

645.07/OO7

*T. TOHYAMA[1,2], M. KINOSHITA[3], R. MATSUI[4], S. KATO[5], K. ISA[1], D. WATANABE[4], K. KOBAYASHI[5], M. LIU[6], T. ISA[1,7]
Verified contribution of propriospinal neurons to recovery of hand dexterity after a corticospinal tract lesion in the monkey

Nov 13

7. Wed, Nov 13, 11:00 AM - 12:00 PM
722.12/R4
*A. ISHIDA[1,2], T. UMEDA[2,3], T. ISA[2], H. HIDA[1];
Reorganization of ipsilateral motor cortex by constraint-induced movement therapy in capsular hemorrhage rat

8. Wed, Nov 13, 8:00 - 9:00 AM
750.17/YY7
*M. SAWADA[1,2], K. KATO[1,3], H. ONOE[4], T. ISA[1,3], Y. NISHIMURA[1,3,5];
Ventral striatum regulates brain activity of motor related areas during the recovery after spinal cord injury

9. Wed, Nov 13, 10:00 - 11:00 AM
779.03/LLL53
*R. KATO[1], N. TAKAKUWA[1,2], A. ZEGHBIB[1,3], P. REDGRAVE[3], T. ISA[1,2]
Process of forming novel behavior by visual reinforcement without awareness: Instrumental conditioning in blindsight monkeys

10. Wed, Nov 13, 8:00 - 9:00 AM
779.09/LLL59
*N. TAKAKUWA[1,2], R. KATO[1], P. REDGRAVE[3], T. ISA[1,2];
Classical conditioning reinforced by visual stimuli in blindsight monkeys

11. Wed, Nov 13, 4:00 - 5:00 PM
833.04/NN7
*M. HIRATA[1], K. MATSUSHITA[1], T. SUZUKI[2], T. YOSHIDA[3], F. SATO[4], H. ANDO[2], T. UMEDA[5], Y. NISHIMURA[5], S. MORRIS[1], T. YANAGISAWA[1], H. KISHIMA[1], M. KAWATO[6], T. YOSHIMINE[1];
A fully-implantable wireless system for human brain-machine interfaces using brain surface electrodes: W-HERBS

12. Wed, Nov 13, 4:00 - 5:00 PM

835.08/PP17

*K. KATO[1,3,4], M. SAWADA[2,5], Y. NISHIMURA[2,3,6];

Rapid adaptation to brain-controlled functional electrical stimulation of paretic muscle in stroke monkeys