

PUBLICATIONS DES MEMBRES DU GRSNC

2007

Articles

1. Albanese, M.C., Duerden, E.G., Rainville, P., & Duncan, G.H. (2007). Memory traces of pain in human cortex. *J Neurosci*, 27 (17), 4612-4620.
2. Andujar, J.E., & Drew, T. (2007). Organization of the projections from the posterior parietal cortex to the rostral and caudal regions of the motor cortex of the cat. *J Comp Neurol*, 504 (1), 17-41.
3. Barthelemy, D., Leblond, H., & Rossignol, S. (2007). Characteristics and mechanisms of locomotion induced by intraspinal microstimulation and dorsal root stimulation in spinal cats. *J Neurophysiol*, 97 (3), 1986-2000.
4. Belanger, L., Vallieres, A., Ivers, H., Moreau, V., Lavigne, G., & Morin, C.M. (2007). Meta-analysis of sleep changes in control groups of insomnia treatment trials. *J Sleep Res*, 16 (1), 77-84.
5. Bengio, Y. (2007). On the challenge of learning complex functions. *Prog Brain Res*, 165, 521-534.
6. Bernard, G., Bouyer, L., Provencher, J., & Rossignol, S. (2007). Study of cutaneous reflex compensation during locomotion after nerve section in the cat. *J Neurophysiol*, 97 (6), 4173-4185.
7. Bertrand, J., Di Polo, A., & McKerracher, L. (2007). Enhanced survival and regeneration of axotomized retinal neurons by repeated delivery of cell-permeable C3-like Rho antagonists. *Neurobiol Dis*, 25 (1), 65-72.
8. Bourdeau, M.L., Morin, F., Laurent, C.E., Azzi, M., & Lacaille, J.C. (2007). Kv4.3-mediated A-type K⁺ currents underlie rhythmic activity in hippocampal interneurons. *J Neurosci*, 27 (8), 1942-1953.
9. Carmant, L. (2007). [Developing a new animal model of temporal lobe epilepsy]. *Med Sci (Paris)*, 23 (11), 929-933.
10. Carmant, L. (2007). Can we improve outcome of epileptic encephalopathies? *Future Neurology*, 2 (2), 219-227.
11. Chatel-Chaix, L., Abrahamyan, L., Frechina, C., Mouland, A.J., & DesGroseillers, L. (2007). The host protein Staufen1 participates in human immunodeficiency virus type 1 assembly in live cells by influencing pr55Gag multimerization. *J Virol*, 81 (12), 6216-6230.
12. Chong, M., & Drapeau, P. (2007). Interaction between hindbrain and spinal networks during the development of locomotion in zebrafish. *Dev Neurobiol*, 67 (7), 933-947.
13. Cisek, P. (2007). Cortical mechanisms of action selection: The affordance competition hypothesis. *Philosophical Transactions of the Royal Society B*, 362: 1585-1599
14. Cisek, P. (2007). The currency of guessing. *Nature*, 447, 1061-1062.
15. Cohen-Adad, J., Benali, H., & Rossignol, S. (2007). Methodology for MR diffusion tensor imaging of the cat spinal cord. *IEEE Eng Med Biol Soc* 2007:323-326
16. Costa-Mattioli, M., Gobert, D., Stern, E., Gamache, K., Colina, R., Cuello, C., Sossin, W., Kaufman, R., Pelletier, J., Rosenblum, K., Krnjevic, K., Lacaille, J.C., Nader, K., & Sonenberg, N. (2007). eIF2alpha phosphorylation bidirectionally regulates the switch from short- to long-term synaptic plasticity and memory. *Cell*, 129 (1), 195-206.
17. Dauvilliers, Y., Pennestri, M.-H., Petit, D., Dang-Vu, T., Lavigne, G., & Montplaisir, J. (2007). Periodic leg movements during sleep and wakefulness in narcolepsy. *J. Sleep Res.*, 16:333-359.
18. Dion, M.H., Novotny, E.J., Jr., Carmant, L., Cossette, P., & Nguyen, D.K. (2007). Lamotrigine therapy of epilepsy with Angelman's syndrome. *Epilepsia*, 48 (3), 593-596.

19. Duquette, M., Roy, M., Lepore, F., Peretz, I., & Rainville, P. (2007). [Cerebral mechanisms involved in the interaction between pain and emotion]. *Rev Neurol (Paris)*, 163 (2), 169-179.
20. Friel, K.M., Drew, T., & Martin, J.H. (2007). Differential activity-dependent development of corticospinal control of movement and final limb position during visually guided locomotion. *J Neurophysiol*, 97 (5), 3396-3406.
21. Frigon, A., & Rossignol, S. (2007). Plasticity of reflexes from the foot during locomotion after denervating ankle extensors in intact cats. *J Neurophysiol*, 98: 2122-2132.
22. Gallagher, A., Theriault, M., Maclin, E., Low, K., Gratton, G., Fabiani, M., Gagnon, L., Valois, K., Rouleau, I., Sauerwein, H.C., Carmant, L., Nguyen, D.K., Lortie, A., Lepore, F., Beland, R., & Lassonde, M. (2007). Near-infrared spectroscopy as an alternative to the Wada test for language mapping in children, adults and special populations. *Epileptic Disord*, 9 (3), 241-255.
23. Goffaux, P., Redmond, W.J., Rainville, P., & Marchand, S. (2007). Descending analgesia--when the spine echoes what the brain expects. *Pain*, 130 (1-2), 137-143.
24. Gravel, J., Brocard, F., Gariépy, J.F., Lund, J.P., & Dubuc, R. (2007). Modulation of respiratory activity by locomotion in lampreys. *Neuroscience*, 144 (3), 1120-1132.
25. Gritsenko, V., Krouchev, N.I., & Kalaska, J.F. (2007). Afferent input, efference copy, signal noise and biases in perception of joint angle during active versus passive elbow movements. *J Neurophysiol*, 98, 1140-1154.
26. Haufler, D., Morin, F., Lacaille, J.-C., & Skinner, F.K. (2007). Parameter estimation in single compartment neuron models using a synchronization-based method. *Neurocomputing*, 70, 1605-1610.
27. Hirata, H., Watanabe, T., Hatakeyama, J., Sprague, S.M., Saint-Amant, L., Nagashima, A., Cui, W.W., Zhou, W., & Kuwada, J.Y. (2007). Zebrafish relatively relaxed mutants have a ryanodine receptor defect, show slow swimming and provide a model of multi-minicore disease. *Development*, 134 (15), 2771-2781.
28. Ho, T.W., Pelkey, K.A., Topolnik, L., Petraglia, R.S., Takamiya, K., Xia, J., Huganir, R.L., Lacaille, J.-C., & McBain, C.J. (2007). Developmental expression of Ca²⁺-permeable AMPARs underlies depolarization-induced LTD at mossy fiber-CA3 pyramid synapses. *Journal of Neuroscience*, 27, pp. 11651-11662.
29. Houeland, G., Nakhost, A., Sossin, W.S., & Castellucci, V.F. (2007). PKC modulation of transmitter release by SNAP-25 at sensory to motor synapses in *Aplysia*. *J. Neurophysiol*, 97, 134-143.
30. Huynh, N., Manzini, C., Rompré, P.H., & Lavigne, G.J. (2007). Weighing the potential effectiveness of various treatments for sleep bruxism. *JADC*, 73:78.
31. Joly, S., Pernet, V., Chemtob, S., Di Polo, A., & Lachapelle, P. (2007). Neuroprotection in the juvenile rat model of light-induced retinopathy: evidence suggesting a role for FGF-2 and CNTF. *Invest Ophthalmol Vis Sci*, 48 (5), 2311-2320.
32. Kalaska, J.F., & Green, A.M. (2007). Is the movement representation in the motor cortex a moving target? *Neuron* 54, 500-502.
33. Kibar, Z., Torban, E., McDearmid, J.R., Reynolds, A., Berghout, J., Mathieu, M., Kirillova, I., De Marco, P., Merello, E., Hayes, J.M., Wallingford, J.B., Drapeau, P., Capra, V., & Gros, P. (2007). Mutations in VANG1 associated with neural-tube defects. *N Engl J Med*, 356 (14), 1432-1437.
34. Kim, Y.K., Furic, L., Parisien, M., Major, F., DesGroseillers, L., & Maquat, L.E. (2007). Staufen1 regulates diverse classes of mammalian transcripts. *Embo J*, 26 (11), 2670-2681.
35. Kolta, A., Brocard, F., Verdier, D., & Lund, J.P. (2007). A review of burst generation by trigeminal main sensory neurons. *Arch Oral Biol*, 52 (4), 325-328.

36. Kwon, B.K., Liu, J., Lam, C., Plunet, W., Oschipok, L.W., Hauswirth, W., Di Polo, A., Blesch, A., & Tetzlaff, W. (2007). Brain-derived neurotrophic factor gene transfer with adeno-associated viral and lentiviral vectors prevents rubrospinal neuronal atrophy and stimulates regeneration-associated gene expression after acute cervical spinal cord injury. *Spine*, 32 (11), 1164-1173.
37. Laframboise, A.J., Ren, X., Chang, S., Dubuc, R., & Zielinski, B.S. (2007). Olfactory sensory neurons in the sea lamprey display polymorphisms. *Neurosci Lett*, 414 (3), 277-281.
38. Lajoie, K., & Drew, T. (2007). Lesions of area 5 of the posterior parietal cortex in the cat produce errors in the accuracy of paw placement during visually guided locomotion. *J Neurophysiol*, 97 (3), 2339-2354.
39. Lavigne, G.J., Huynh, N., Kato, T., Okura, K., Adachi, K., Yao, D., & Sessle, B. (2007). Genesis of sleep bruxism: motor and autonomic-cardiac interactions. *Arch Oral Biol*, 52 (4), 381-384.
40. Lévesque, M., Bédard, M.A., Courtemanche, R., & Blanchet, P. (2007). Raclopride-induced motor learning impairment in primates: role of the dopamine type-2 receptor in movement chunking into integrated sequences. *Canadian Journal of Neurological Sciences*, 34 (3), S116-S117.
41. Levy, M., Bourgeon, S., & Chapman, C.E. (2007). Haptic discrimination of two-dimensional angles: influence of exploratory strategy. *Exp Brain Res*, 178 (2), 240-251.
42. Marc, I., Rainville, P., Verreault, R., Vaillancourt, L., Masse, B., & Dodin, S. (2007). The use of hypnosis to improve pain management during voluntary interruption of pregnancy: an open randomized preliminary study. *Contraception*, 75 (1), 52-58.
43. Martel, B., Guimond, J.C., Gariépy, J.F., Gravel, J., Auclair, F., Kolta, A., Lund, J.P., & Dubuc, R. (2007). Respiratory rhythms generated in the lamprey rhombencephalon. *Neuroscience*, 148:279-293.
44. Ménard, A., Auclair, F., Bourcier-Lucas, C., Grillner, S., & Dubuc, R. (2007). Descending GABAergic projections to the mesencephalic locomotor region in the lamprey *Petromyzon marinus*. *J Comp Neurol*, 501 (2), 260-273.
45. Mutolo, D., Bongiani, F., Einum, J., Dubuc, R., & Pantaleo, T. (2007). Opioid-induced depression in the lamprey respiratory network. *Neuroscience* 150: 720-729
46. Pennestri, M.H., Montplaisir, J., Colombo, R., Lavigne, G., & Lanfranchi, P.A. (2007). Nocturnal blood pressure changes in patients with restless legs syndrome. *Neurology*, 68 (15), 1213-1218.
47. Pernet, V., Bourgeois, P., & Di Polo, A. (2007). A role for polyamines in retinal ganglion cell excitotoxic death. *J. Neurochem.*, 103, 1481-1490.
48. Robertson, B., Auclair, F., Ménard, A., Grillner, S., & Dubuc, R. (2007). GABA distribution in lamprey is phylogenetically conserved. *J Comp Neurol*, 503 (1), 47-63.
49. Rompre, P.H., Daigle-Landry, D., Guitard, F., Montplaisir, J.Y., & Lavigne, G.J. (2007). Identification of a sleep bruxism subgroup with a higher risk of pain. *J Dent Res*, 86 (9), 837-842.
50. Rossignol, S., Schwab, M., Schwartz, M., & Fehlings, M. (2007). Spinal Cord Injury: Time to Move? *Journal of Neuroscience, Society for Neuroscience* 27: 11782-11792
51. Smetana, R.W., Alford, S., & Dubuc, R. (2007). Muscarinic receptor activation elicits sustained, recurring depolarizations in reticulospinal neurons. *J Neurophysiol*, 97 (5), 3181-3192.
52. Todd, K.J., Auld, D.S., & Robitaille, R. (2007). Neurotrophins modulate neuron-glia interactions at a vertebrate synapse. *Eur J Neurosci*, 25 (5), 1287-1296.
53. Tremblay, M.-E., Riad, M., Murai, K.K., Bouvier, D., Pasquale, E.B., Descarries, L., & Doucet, G. (2007). Localization of EphA4 in axon terminal and dendritic spines of adult rat hippocampus. *J.Comp. Neurol.*, 501, 691-702.
54. Trudeau, L.E., & Gutierrez, R. (2007). On cotransmission & neurotransmitter phenotype plasticity. *Mol Interv*, 7 (3), 138-146.

55. Valdmanis, P.N., Meijer, I.A., Reynolds, A., Lei, A., MacLeod, P., Schlesinger, D., Zatz, M., Reid, E., Dion, P.A., Drapeau, P., & Rouleau, G.A. (2007). Mutations in the KIAA0196 gene at the SPG8 locus cause hereditary spastic paraplegia. *Am J Hum Genet*, 80 (1), 152-161.
56. Zhou, L., Martinez, S.J., Haber, M., Jones, E.V., Bouvier, D., Doucet, G., Corera, A.T., Fon, E.A., Zisch, A.H., & Murai, K.K. (2007). EphA4 signaling regulates phospholipase Cgamma1 activation, cofilin membrane association, and dendritic spine morphology. *J Neurosci*, 27 (19), 5127-5138.

Chapitres de livres

1. Albanese, M.-C., & Duncan, G. (2007). PET and fMRI Imaging in Parietal Cortex (SI, SII, Inferior Parietal Cortex BA40). In: *Encyclopedic Reference of Pain*, R.F. Schmidt, & W.D. Willis (Eds.) pp. 1809-1810 Springer-Verlag.
2. Bengio, Y., Lamblin, P., Popovici, D., & Larochelle, H. (2007). Greedy layer-wise training of deep networks. In: *Advances in Neural Information Processing Systems 19* Cambridge, MA: MIT Press.
3. Bengio, Y., & Le Cun, Y. (2007). Scaling learning algorithms towards AI. In: *Large Scale Kernel Machines*, L. Bottou, O. Chapelle, D. DeCoste, & J. Weston (Eds.): MIT Press.
4. Bengio, Y., & Sénécal, J.-S. (2007). Adaptive Importance Sampling to Accelerate Training of a Neural Probabilistic Language Model. In: *IEEE Transactions on Neural Networks*.
5. Castellucci, V.F. (2007). Animal models and Behaviour: their importance for the study of memory. In: *The essence of memory*, Progress in Brain Research, S. Belleville, V. F. Castellucci, J.C. Lacaille, & W. S. Sossin (Eds.) pp. 271-277, Elsevier.
6. Cisek, P. (2007). A parallel framework for interactive behavior. In: *Computational Neuroscience: Theoretical Insights into Brain Function*, Cisek, Drew, & Kalaska (Eds): Elsevier, Progress in Brain Research 165:475-492.
7. Descarries, L. (2007). De la microscopie électronique à l'imagerie cérébrale (hommage à mon ami Jacques Glowinski). In: *1966-2006 Développement d'une école de neuropharmacologie au Collège*, H. Chneiweiss, J.-A. Girault, M. Hamon, M.-L. Kemel, M.-H. Lévi, B. Scatton, & A.-M. Thierry (Eds.), pp. 241-253 Marseille, France: Solal.
8. Di Polo, A. (2007). Mechanisms of neural injury in glaucoma. In: *Neuroprotection for Glaucoma: A Pocket Guide*, A. DiPolo, L. Levin, & R. Weinreb (Eds.) pp. 18-30. 1st edition, Ethis Communications inc.
9. Di Polo, A., & Levin, L. (2007). Strategies for prevention of neural injury in glaucoma. In: *Neuroprotection for Glaucoma: A Pocket Guide*, A. DiPolo, L. Levin, & R. Weinreb (Eds.) pp. 31-41. 1st Ethis Communications inc.
10. Krouchev, N., & Kalaska, J. (2007). Seamless encoding and decoding of forward and inverse motor commands by dynamically interacting neural populations. In: *Computational Neuroscience: Theoretical insights into brain function*. Progress in Brain Research, 165 pp. 399-414.
11. Larochelle, H., Erhan, D., Courville, A., Bergstra, J., & Bengio, Y. (2007). An Empirical Evaluation of Deep Architectures on Problems with Many Factors of Variation. In: *ICML 2007* pp. 473-480.
12. Lavigne, G., Khoury, S., Laverdure-Dupont, D., Denis, R., & Rouleau, G. (2007). Tools and Methodological Issues in the investigation of sleep and pain interactions. In: *Sleep and Pain*, I. Press (Ed.) pp. 235-266. Seattle.
13. Lavigne, G., & Manzini, C. (2007). Pain and poor sleep: Impact on public health. In: *The Public Health Impact of Sleep Disorders*, S. Pandi-Perumal, & D. Léger (Eds.) pp. 193-208.
14. Price, D.D., & Rainville, P. (2007). Hypnotic analgesia. In: *Encyclopedic Reference of Pain*, R.F.S.a.W.D.W. (Eds.) pp. 933-937, Springer, Heidelberg, Germany.

15. Rainville, P. (2007). Cingulate Cortex, Functional Imaging. In: Encyclopedic Reference of Pain, R.F. Schmidt, & W.D. Willis (Eds.) pp. 293-395, Springer, Heidelberg, Germany.

Livres

1. Lavigne, G.J., Soja, P., Choinière, M., & Sessle, B. (2007). Sleep and Pain. Seattle WA.

Résumés de communication

1. Almasieh, M., Zhou, Y., Casanova, C., & Di Polo, A. (2007). Galantamine: a novel structural and functional neuroprotectant for injured retinal ganglion cells in glaucoma. Soc. Neurosci. Abstracts, Prog. No. 896.7.
2. Andujar, J.E., & Drew, T. (2007). Neurones in the posterior parietal cortex contribute to motor planning during voluntary gait modifications in cats. CPS Winter Meeting.
3. Arsenault, I., Bota, R., Pastor-Bernier, A., Lund, J.P., & Kolta, A. (2007). The role of glial cells in repetitive bursting of neurons of the trigeminal main sensory nucleus. Soc. Neurosci., Abstr.
4. Arsenault, M., Piché, M., Poitras, P., Rainville, P., & Bouin, M. (2007). Severity of visceral hyperalgesia predicts somatic hypersensitivity and deficits in pain modulation in irritable bowel syndrome (IBS). Society for Neuroscience Abstract. San Diego, CA Nov 3-7.
5. Auclair, F., Arsenault, I., Thivierge, B., Kolta, A., & Lund, J.P. (2007). Characterization of small caliber fibers in muscle spindles of the rat masseter muscle: implications in chronic muscle pain. Soc. Neurosci., Abstr.
6. Aznavour, N., Gravel, P., Rosa-Neto, P., Benkelfat, C., Mzengeza, S., Bedell, B., Zimmer, L., & Descarries, L. (2007). MicroPET measurement of [¹⁸F]MPPF binding to 5-HT_{1A} receptors in rat brain. Society of Neuroscience, Program No. 465.1 Abstract Viewer/Itinerary Planner. Washington, DC: Online.
7. Barrière, G., Leblond, H., Provencher, J., & Rossignol, S. (2007). Very early locomotor abilities after complete spinal cord injury in a dual lesion paradigm in the cat. 37th Annual Meeting, Society of Neuroscience. San Diego, California, USA.
8. Beaudry, M., Gauthier, L., Laforte, M., & Lavigne, G.J. (2007). Deterioration of sleep apnoea-hypopnea index with a wrongly adjusted oral mandibular repositioning appliance (MRA). Sleep & Biol Rhythms, Vol. 5 Abstract Suppl. No. P0497.
9. Bélanger, G., Côté, J., Lunde, J.A., Thornton, C.A., DesGroseillers, L., & Jasmin, B.J. (2007). The RNA-binding protein Staufen interacts with DMPK transcripts in skeletal muscle: new insights into the mechanism underlying miotonic dystrophy type I. Society of Experimental Biology. Washington, USA.
10. Bérubé-Carrière, N., Riad, M., Dal Bo, G., Trudeau, L.E., & Descarries, L. (2007). Colocalization of dopamine and glutamate in axon terminals of the nucleus accumbens. Can. J. Neurol. Sci., Suppl. 3, S69.
11. Bérubé-Carrière, N., Riad, M., Dal Bo, G., Trudeau, L.-E., & Descarries, L. (2007). Vesicular glutamate transporter 2 in dopamine axon terminals of the nucleus accumbens. Society of Neuroscience, Program No. 38.9 Abstract Viewer/Itinerary Planner. Washington, DC: Online.
12. Blanchet, P., Ouatik, N., Kuznetsov, Y., Khiat, A., & Boulanger, Y. (2007). Tardive antidepressant drug-induced dyskinesia: Report on 5 cases and search for MRI predictors. Quebec Conference on Abnormal Plasticity in Basal Ganglia: From Dyskinesia to Deviant Behavior. Supported by The Movement Disorder Society. Québec. 12-14 Octobre.

13. Blanchet, P., Ouatik, N., Kuznetsov, Y., Khat, A., & Boulanger, Y. (2007). Tardive antidepressant drug-induced dyskinesia: Report on 5 cases and search for MRI predictors (Abstract # 355). The Movement Disorder Society's 11th International Congress of Parkinson's Disease and Movement Disorders. Istanbul, Turkey.3-7 juin.
14. Bougie, J., Abi Farah, C., Lim, T., Ferraro, G., Manjunath, V., Scott, D., & Sossin, W.S. (2007). Cloning and characterization of protein kinase C (PKC) Apl III, a homologue of atypical PKCs in Aplysia (Abst # 2). XXIXe Symposium International du GRSNC: The Essence of Memory. Université de Montréal, Montréal.14-15 mai.
15. Bougie, J., Abi Farah, C., Lim, T., Ferraro, G., Manjunath, V., Scott, D., & Sossin, W.S. (2007). Cloning and characterization of protein kinase C (PKC) Apl III, a homologue of atypical PKCs in Aplysia (Abst # 2). First Annual Meeting Canadian Association for Neuroscience. Toronto.23-25 mai.
16. Bougie, J., Lim, T., Manjunath, V., Abi Farah, C., Nagakura, I., & Sossin, W.S. (2007). the role of atypical protein kinase C (PKC) seta in synaptic plasticity in Aplysia. 37th annual meeting of Society for Neuroscience. San Diego, CA.3-7 Novembre.
17. Bouvier, D., Corera, A.T., Tremblay, M.-È., Murai, K.K., Pasquale, E.B., Chagnon, M., Fon, E.A., & Doucet, G. (2007). Pre and postsynaptic localization of EphA4 and EphB3 bu subcellular fractionation en EM analysis in adult mouse forebrain. 1st Annual Meetinf of CAN-ACN. University of Toronto Conference Centre. May 23-25.
18. Budell, L.C., Jackson, P.L., & Rainville, P. (2007). Perceived pain intensity modulates brain responses to facial expressions of pain. Canadian Association for Neuroscience/Association canadienne pour les Neurosciences, Abstract # 386. Toronto.Mai 23-25.
19. Carmant, L., & the CPEN Infantile Spasms Study Group (2007). Short-term developmental outcome of children treated for IS. Canadian League Against epilepsy meeting. Vancouver.2-4 Octobre.
20. Carmant, L., & the CPEN Infantile Spasms Study Group (2007). Etiology based treatment of IS. AES Meeting. Philadelphia, PA.
21. Chaput, G., Lavigne, G., Paquet, J., Manzini, C., Giguère, J., Demers, A., & Denis, R. (2007). Time course prevalence of sleep disturbances and mood alterations after mild traumatic brain injury: A preliminary report. Sleep. Vol.30 Abstract Suppl. No. A0882.
22. Chaput, G., Manzini, C., Denis, R., Demers, A., Giguère, J.-F., & Lavigne, G. (2007). Risk of headaches and sleep disturbances following mild traumatic brain injury: a preliminary report. 2nd WASM World Congress - Sleep medicine. Bangkok, vol. 8 (Suppl. 1) no. S15.A.
23. Cisek, P. (2007). Deciding about actions (Oral presentation). 17th Annual Meeting on Neural Control of Movement. Seville, Spain.March 30th.
24. Cisek, P. (2007). Cortical dynamics of action specification and selection. Program and Abstracts of the 10th Tamagawa-RIKEN Dynamic Brain Forum. Hakuba, Japan.March 8th.
25. Cisek, P., & Puskas, G.A. (2007). Making decisions as the evidence is changing. Canadian Physiology Society Winter Meeting. Beaupré, Québec.January 31 - February 3.
26. Coallier, É., Michelet, T., & Kalaska, J. (2007). Psychophysics trends for the decision-making process involved in the the interpretation of ambiguous sensory stimuli: a comparison of human and monkey data. Canadian Physiological Society Annual Winter Meeting. Mont-Sainte-Anne, Québec.
27. Cohen-Adad, J., Benali, H., Hoge, R., Leblond, H., Barrière, G., Doyon, J., & Rossignol, S. (2007). Spinal cord in vivo diffusion tensor imaging of healthy human and spinalized cats. 13th International Conference on functional lmapping of the human brain. Chicago, IL.
28. Cohen-Adad, J., Benali, H., Hoge, R., & Rossignol, S. (2007). In vivo diffusion tensor imaging of the spinal cord. Can. Physiol. Soc. Winter Meeting. Mont-Sainte-Anne, Québec.

29. Cohen-Adad, J., Benali, H., & Rossignol, S. (2007). In vivo assessment of spinal cord integrity by diffusion tensor imaging. Soc. Neurosci. Abstract.
30. Cohen-Adad, J., Hoge, R., Benali, H., & Rossignol, S. (2007). In vivo diffusion MRI of the cat spinal cord following injury. Symposium on Motor Systems. Salk Institute, San Diego, CA. Nov. 2-3.
31. Costa-Mattioli, M., Gobert, D., Stern, E., Gamache, K., Colina, R., Cuello, C., Sossin, W.S., Pelletier, J., Kaufman, R., Rosenbaum, K., Krnjevic, K., Lacaille, J.C., Nader, K., & Sonenberg, N. (2007). eIF2 α phosphorylation bidirectionally regulates the switch from short to long-term synaptic plasticity and memory. Society for Neuroscience, Abstr. 92.16.
32. Daoust, R., Beaulieu, P., Manzini, C., & Lavigne, G. (2007). Estimation of pain intensity in emergency medicine: a validation study. Acad Emerg Med. 14 (5 Suppl. 1) S59-60. May.
33. del Rayo Sanchez-Carbente, M., Elvira, G., Sossin, W.S., & DesGroseillers, L. (2007). The RNA helicase DEAD-box3: an organizer of RNA granules in neurons. XXIXth symposium of the GRSNC. The essence of memory. Montréal.
34. del Rayo Sanchez-Carbente, M., Elvira, G., Sossin, W.S., & DesGroseillers, L. (2007). DEAD-box3: an RNA helicase involved in RNA granules organization in hippocampal neurons? East-Coast RNA Meeting. Hôtel Chéribourg, Mont Orford, Québec.
35. Delivet-Mongrain, H., Leblond, H., & Rossignol, S. (2007). Effects of intraspinal injection of yohimbine in thoracic and lumbar segments on the spontaneous locomotion of decerebrate cats. Can. Physiol. Soc. Winter Meeting. Mont-Sainte-Anne, Québec.
36. Dépeault, A., Meftah, E.M., & Chapman, C.E. (2007). Tactile perception of roughness: neural correlates. Abstr. Soc. Neurosci. San Diego (CA).
37. Dépeault, A., Meftah, E.-M., & Chapman, C.E. (2007). Tactile perception of roughness: contribution of spatial cues. Annual winter meeting, Canadian Physiological Society. Mont-Ste-Anne, Québec.
38. Descarries, L., & Riad, M. (2007). Under chronic fluoxetine treatment, functional 5-HT_{1A} autoreceptors on the plasma membrane of nucleus raphe dorsalis neurons are replaced by desensitized receptors. Can. J. Neurol. Sci, Suppl.3 (p. S73).
39. Descarries, L., & Trudeau, L.-E. (2007). Co-transmission of dopamine and glutamate by dopamine neurons: volume versus synaptic. M.W. Found. (Ed.) Communication and Integration in the Basal Ganglia. From to the Clinic. Saltsjöbaden, Sweden.
40. Drew, T., Krouchev, M., & Yakovenko, S. (2007). Motor cortical control of muscle synergies during locomotion in the cat. Motor Control at the top end. Darwin, Australia.
41. Dugré-Brisson, S., Martel, C., Boulay, K., & DesGroseillers, L. (2007). Characterization of the molecular determinants required for Stau 1 homodimerization. East-Coast RNA Meeting. Hôtel Chéribourg, Mont Orford, Québec.
42. Fortier-Poisson, P., Dépeault, A., Chapman, C.E., & Smith, A. (2007). A comparison of roughness estimations of periodic and non-periodic surfaces using active and passive touch. Abstr. Soc. Neurosci. San Diego (CA).
43. Frigon, A., & Rossignol, S. (2007). Spinal processing of sensory input during locomotion after a complete spinalisation. 17th Annual Meeting of Neural control of Movement Society. Sevilla, Spain.
44. Frigon, A., & Rossignol, S. (2007). Effects of spinalization and partial denervation of ankle extensors in chronic spinal cats during locomotion. 37th Annual Meeting, Society of Neuroscience. San Diego, California, USA.

45. Gallagher, A., Thériault, M., Bastien, D., Vannasing, P., Maclin, E., Low, K., Gratton, G., Fabiani, M., Gagnon, L., Valois, K., Rouleau, I., Sauerwein, C., Lesage, F., Grova, C., Bouthillier, A., Carmant, L., Nguyen, D., Lortie, A., Lepore, F., Béland, R., & Lassonde, M. (2007). Combined near-infrared spectroscopy (NIRS) and electrophysiology (EEG) in the study of language lateralization and epileptogenic zone localization in epileptic children. Canadian League Against epilepsy meeting. Vancouver.2-4 Octobre.
46. Gallagher, A., Thériault, M., Bastien, D., Vannasing, P., Maclin, E., Low, K., Gratton, G., Fabiani, M., Gagnon, L., Valois, K., Rouleau, I., Sauerwein, C., Lesage, F., Grova, C., Bouthillier, A., Carmant, L., Nguyen, D., Lortie, A., Lepore, F., Béland, R., & Lassonde, M. (2007). Combined near-infrared spectroscopy (NIRS) and electrophysiology (EEG) in the study of language lateralization and epileptogenic zone localization in epileptic children. AES meeting. Philadelphia, PA.
47. Gilbert-Tremblay, P., Bédard, M.A., & Blanchet, P. (2007). Motor sequence learning and D2 receptors (Abstract # 417, D137). First Annual Meeting of the Canadian Association for Neuroscience. Toronto.23-25 mai.
48. Gilbert-Tremblay, P., Bédard, M.A., & Blanchet, P. (2007). Motor sequence learning and D2 receptors. *Canadian Journal of Neurological Sciences*, 34 (3), S120.
49. Giroux, P., Salas-Patro, M., Théorêt, Y., & Carmant, L. (2007). Levetiracetam use for refractory pediatric epileptic syndromes. 61th Annual Meeting of Eastern Association of Electroencephalographers (EAEEG). New York.Février.
50. Gobert, D., Topolnik, L., Sossin, W.S., & Lacaille, J.-C. (2007). Forskolin induction of late-LTP and up-regulation of 5'TOP mRNAs translation via mTOR in hippocampal slice cultures. Proceedings of the IBRO World Congress of Neuroscience 2007.
51. Gobert, D., Topolnik, L., Sossin, W.S., & Lacaille, J.-C. (2007). Forskolin induction of late-LTP and up-regulation of 5'TOP mRNAs translation via mTOR in hippocampal slice cultures. XXIXth International Symposium «The Essence of Memory». Montréal, Canada.May 14-15.
52. Gobert, D., Topolnik, L., Sossin, W.S., & Lacaille, J.C. (2007). Forskolin induction of late-LTP and upregulation of 5'TOP mRNAs translation via mTOR in hippocampal pyramidal cells. Society for Neuroscience, Abstr. 221.8.
53. Gossard, J.P. (2007). Modulation of monosynaptic transmission from branches of single Ia afferents during fictive locomotion. Soc. Neurosci. , Abstr. 33: 78.10.
54. Gosselin-Kessiby, N., Messier, J., & Kalaska, J. (2007). Control of spatial orientation of the hand during reaching movements in normal and blind subjects. 1st Annual Meeting, Can Assoc. Neurosci. Toronto, Ontario.May 23-25.
55. Grant, J.A., & Rainville, P. (2007). Experienced Zen Meditators Exhibit High Tolerance for Experimentally Induced Thermal Pain. Le cerveau multimodal: 16e Journée scientifique du Centre de recherche en neuropsychologie et cognition (CERNEC). St-Sauveur, Québec.30-31 mars.
56. Grant, J.A., & Rainville, P. (2007). Experienced Zen Meditators Exhibit Attenuation and High Moderate-Pain Threshold for Experimentally Induced Thermal Pain. XXIXth International Symposium of the GRSNC: The essence of memory. Montréal.May 14-15.
57. Grant, J.A., & Rainville, P. (2007). Experienced Zen Meditators Exhibit Attenuation and High Moderate-Pain Threshold for Experimentally Induced Thermal Pain. Annual Meeting of the American Psychomatic Society # 1869. Budapest, Hungary.March 7-10.
58. Green, A.M., Labelle, J.P., Shadmehr, R., & Kalaska, J. (2007). Effect of arm orientation on motor task learning and generalization. 1st Annual Meeting, Can Assoc. Neurosci. Toronto, Ontario.May 23-25.
59. Green, A.M., Shadmehr, R., & Kalaska, J. (2007). Motor cortex: converting errors into predictions. Soc. Neurosci Abstr. Vol. 33.

60. Gritsenko, V., & Kalaska, J.F. (2007). Learning a new visuomotor transformation does not change early online correction in humans. *Soc. Neurosci. Abstr.* Vol. 33.
61. Gritsenko, V., Yakovenko, S., & Kalaska, J. (2007). Correction of visually guided movements for visuomotor error of different magnitudes in humans. *Canadian Physiological Society Annual Winter Meeting*. Mont-Sainte-Anne, Québec.
62. Gritsenko, V., Yakovenko, S., & Kalaska, J. (2007). The feedback pathway of the online correction mechanism includes compensation for limb dynamics. *1st Annual Meeting, Can Assoc. Neurosci.* Toronto, Ontario. May 23-25.
63. Hamdan, F.F., Gauthier, J., Piton, A., Spiegelman, D., Yang, Y., Henrion, E., Drapeau, P., Lacaille, J.-C., Rouleau, G., & Michaud, J.L. (2007). Large scale sequencing of autosomal synaptic genes in patients with non-syndromic mental retardation. *HUGO's 12th Human Genome Meeting*. Montréal, Canada. May 21-24.
64. Huynh, N., Macaluso, G., Rompre, P., Guilleminault, C., Parrino, L., Terzano, M., & Lavigne, G. (2007). Strong association between cyclic alternating pattern AI and slow wave activity in sleep bruxers and control subjects. *Sleep*. Vol. 30 Abstract Suppl. No. A0824.
65. Krouchev, N., & Kalaska, J. (2007). Seamless encoding and decoding of forward and inverse motor commands by dynamically interacting neural populations. *OIST Workshop on Cognitive Neurobiology*. Okinawa. March.
66. Krouchev, N., Kalaska, J., & Drew, T. (2007). Muscle synergies during locomotion define a flexible substrate for neural control. *Canadian Physiological Society Annual Winter Meeting*. Mont-Sainte-Anne.
67. Labban, M., & Sossin, W.S. (2007). Characterization of TOP translational regulation during synaptic facilitation in *Aplysia* neurons. *37th annual meeting of Society for Neuroscience*. San Diego, CA. 3-7 novembre.
68. Lacoste, B., Riad, M., & Descarries, L. (2007). Relationships between substance P, NK1 receptors and serotonin neurons in the dorsal raphe nucleus of adult rat. *Can. J. Neurol. Sci. Suppl.* 3, S81.
69. Lacoste, B., Riad, M., & Descarries, L. (2007). Substance P innervation and subcellular localization of NK1 receptors in the dorsal raphe nucleus of adult rat. *Society of Neuroscience, Program No. 462.6 Abstract Viewer/Itinerary Planner*. Washington, DC: Online.
70. Lajoie, K., Andujar, J.E., Pearson, K.G., & Drew, T. (2007). Persistent neuronal activity in posterior parietal cortex area 5 related to long-lasting memories of obstacles in walking cats. *Soc. Neurosci. Abstract*.
71. Lajoie, K., & Drew, T. (2007). Neurones in the posterior parietal cortex contribute to forelimb-hindlimb coordination in visually-guided gait modifications in cats. *CPS Winter Meeting*.
72. Lapointe, G., & DesGroseillers, L. (2007). Characterization of Protein Partners of Staufen2 in Neurons. *East-Coast RNA Meeting*. Hôtel Chéribourg, Mont Orford, Québec.
73. Laverdure-Dupont, D., Rainville, P., Montplaisir, J., & Lavigne, G. (2007). Modulation of REM sleep by Placebo analgesia manipulations. *21st Annual Meeting of the Associated Professional Sleep Societies*. Minneapolis, MN. June 9-14 *Sleep 2007*: 30, Abstract Suppl: A384-385 (selected by the scientific committee for an oral presentation).
74. Laverdure-Dupont, D., Rainville, P., Montplaisir, J., & Lavigne, G. (2007). Placebo and Sleep. *3e Congrès de la Société canadienne du sommeil*. Centre Mont-Royal, Montréal (Québec). 19-20 avril.
75. Lavigne, G. (2007). Pain and sleep interaction: mechanism and clinical relevance. *2nd WASM World Congress - Sleep medicine*. Bangkok, vol. 8 (Suppl. 1) no. S36.A.
76. Lavigne, G. (2007). Symposium summary. *2nd WASM World Congress - Sleep medicine*. Bangkok, vol. 8 (Suppl. 1) no. S31.1.
77. Lavigne, G. (2007). Pain Perception during sleep. *2nd WASM World Congress - Sleep medicine*. Bangkok, vol. 8 (Suppl. 1) no. S15.A.

78. Le Vasseur, M., Ran, I., & Lacaille, J.C. (2007). Selective induction of mGluR1- and mGluR5-dependent chemical long-term potentiation at oriens/alveus interneuron synapses of mouse hippocampus. Society for Neuroscience, Abstr. 582.11.
79. Lebeau, G., Maher-Laporte, M., Topolnik, L., Laurent, C.E., Sossin, W.S., DesGroseillers, L., & Lacaille, J.-C. (2007). Staufen1 regulates long-term synaptic plasticity, spontaneous synaptic activity and spine morphology in hippocampal pyramidal cells. XXIXth International Symposium «The Essence of Memory». Montréal, Canada. May 14-15.
80. Lebeau, G., Maher-Laporte, M., Topolnik, L., Laurent, C.E., Sossin, W.S., DesGroseillers, L., & Lacaille, J.-C. (2007). Staufen1 regulates long-term synaptic plasticity, spontaneous synaptic activity and spine morphology in hippocampal pyramidal cells. 1st Annual Meeting of CAN-CAN, Vol 34 (Suppl 3) (p. S83). Toronto, Canada: Canadian Journal of Neurological Sciences.
81. Lebeau, G., Maher-Laporte, M., Topolnik, L., Laurent, C.E., Sossin, W.S., DesGroseillers, L., & Lacaille, J.-C. (2007). Staufen1 regulation of transcription-dependent long-term synaptic plasticity and synaptic function in hippocampal pyramidal cells. Society for Neuroscience Abstracts (soumis).
82. Lebrun-Julien, F., Saragovi, H.U., & Di Polo, A. (2007). Regulation of injured retinal ganglion cell death via a p75NTR-dependent mechanism: potential role of Müller glia. Soc. Neurosci. Abstracts, Program no 685.2.
83. Lebuis, A., Roy, M., Peretz, I., & Rainville, P. (2007). Modulation of nociception at spinal and supra-spinal levels by musically induced emotions. Canadian Student Health Research Forum - CIHR National Poster Presentation. Université du Manitoba, Winnipeg. 6-7 juin.
84. Lebuis, A., Roy, M., Peretz, I., & Rainville, P. (2007). Modulation of nociception at spinal and supraspinal levels by musically induced emotions. Journée scientifique de la Faculté de Médecine dentaire de l'Université de Montréal / Colloque International Étudiant de Médecine Dentaire. Hotel Hyatt Regency, Montréal. 13 janvier.
85. Lebuis, A., Roy, M., Peretz, I., & Rainville, P. (2007). Modulation of nociception at spinal and supraspinal levels by musically induced emotions. 3e Journée Scientifique du Département de Psychologie. Université de Montréal. 21 mars.
86. Lema, P., Bibeau, K., Salas-Patro, M., Théorêt, Y., & Carmant, L. (2007). Does early-life stress play a role in epileptogenesis during development. 61th Annual Meeting of Eastern Association of Electroencephalographers (EAEEG). New York. Février.
87. Lévesque, M., Bédard, M.A., Courtemanche, R., & Blanchet, P. (2007). Raclopride-induced motor learning impairment in primates: role of the dopamine type-2 receptor in movement chunking into integrated sequences (Abstract 405, D126). First Annual Meeting of the Canadian Association for Neuroscience. Toronto. 23-25 mai.
88. Ly, T.N., Jackson, P.L., Jakmakjian, E., Budell, L.C., Decety, J., & Rainville, P. (2007). The interaction between the experience of pain and the perception of pain in others. Congrès annuel de la Société canadienne pour le traitement de la douleur (Canadian Pain Society). Ottawa. Mai.
89. Maher-Laporte, M., & DesGroseillers, L. (2007). Characterization of neuronal dendrites Staufen2 ribonucleoprotein (RNP) complexes. XXIXth symposium of the GRSNC. The essence of memory. Montréal.
90. Maher-Laporte, M., Furic, L., & DesGroseillers, L. (2007). Characterization of Staufen2 ribonucleoprotein (RNP) complexes in neuronal dendrites. East-Coast RNA Meeting. Hôtel Chéribourg, Mont Orford, Québec.
91. Mendez, A., Bourque, M.J., Bourdeau, M., Lacaille, J.-C., & Trudeau, L.-E. (2007). The glutamatergic phenotype of dopaminergic neurons is regulated through cell contact. Dopamine 50 Years' Congress. Goteborg, Sweden. May 30 - June 2.

92. Miller, L.C., Badeaux, F., DesGroseillers, L., & Sossin, W.S. (2007). Dead box proteins are components of distinct populations of RNA granules. XXIXth Symposium of the GRSNC. The essence of memory. Montréal.
93. Miller, L.C., Badeaux, F., DesGroseillers, L., & Sossin, W.S. (2007). Dead box proteins are components of distinct populations of RNA granules. International meeting of the Canadian Society for Neuroscience. Toronto.
94. Miller, L.C., Badeaux, F., DesGroseillers, L., & Sossin, W.S. (2007). Dead box proteins are components of distinct populations of RNA granules. Society for Neurosciences. San Diego, USA.
95. Mongeon, D., Blanchet, P., & Messier, J. (2007). Effects of Parkinson's disease and dopaminergic medication on proprioceptive processing. 37th Annual Meeting of the Society of Neuroscience. San Diego, CA.3-7 novembre.
96. Morin, F., Haufler, D., Skinner, F.K., & Lacaille, J.C. (2007). Cell-type specific expression of voltage-gated K⁺ currents underlies intrinsic membrane potential oscillations in hippocampal CA1 interneurons. Society for Neuroscience, Abstr. 587.6.
97. Nagakura, I., Ormond, J., & Sossin, W.S. (2007). 5-HT regulates the Aplysia Trk-like receptor (ApTrkl) through trafficking of the receptor. XXIXe Symposium International du GRSNC: The Essence of Memory. Université de Montréal, Montréal.14-15 mai.
98. Nagakura, I., Ormond, J., & Sossin, W.S. (2007). 5-HT regulates the Aplysia Trk-like receptor (ApTrkl) through trafficking of the receptor. First Annual Meeting Canadian Association for Neuroscience. Toronto.23-25 mai.
99. Ollivier, M.A., Dubois, M.-F., Krajcinovic, M., Cossette, P., & Carmant, L. (2007). Risk factors for Valproic acid non-response in patients with childhood absence epilepsy. Canadian League Against Epilepsy Meeting. Vancouver.2-4 Octobre.
100. Parent, M., & Descarries, L. (2007). Distribution and ultrastructural features of the acetylcholine innervation in adult rat thalamus. *Can. J. Neurol. Sci. Suppl.* 3, S109.
101. Parent, M., & Descarries, L. (2007). Light and electron microscopic characterization of the acetylcholine innervation in adult rat thalamus. Society of Neuroscience, Program No. 675.10 Abstract Viewer/Itinerary Planner. Washington DC: Online.
102. Pastor-Bernier, A., Lund, J.P., & Kolta, A. (2007). Influence of afferent inputs on the firing pattern of neurons in the trigeminal main sensory nucleus. *Soc. Neurosci.*, Abstr.
103. Pastor-Bernier, A., Lund, J.P., & Kolta, A. (2007). Effects of stimulation of afferent inputs on the firing pattern of neurons of the trigeminal main sensory nucleus. Canadian Physiological society Meeting. Mont-Sainte-Anne, Québec.
104. Pelletier, G., Croce, A., & Lacaille, J.C. (2007). Intact afferent-specific spike train dynamics and increased gain of input-output function in recurrent inhibition by LTP at oriens/alveus interneuron excitatory synapses. Society for Neuroscience.
105. Piché, M., Arsenault, M., & Rainville, P. (2007). Dissociation between cerebral and cerebrospinal mechanisms underlying pain modulation by counterirritation. Society for Neuroscience Abstract. San Diego, CA.Nov 3-7.
106. Piché, M., Arsenault, M., Roy, M., Chen, J.I., Tenbokum, L., & Rainville, P. (2007). Imagerie fonctionnelle des mécanismes de régulation de la douleur dans le cerveau et la moelle épinière chez l'humain. 75e Congrès annuel de l'Association francophone pour le savoir (ACFAS). Université du Québec à Trois-Rivières.7-11 mai.
107. Piché, M., Arsenault, M., Tenbokum, L., & Rainville, P. (2007). Cerebral regulation of autonomic and nociceptive reflexes induced by electrical stimulation of the sural nerve in fMRI. Annual meeting of the International Society for Autonomic Neuroscience. Kyoto October.

108. Puskas, G.A., Thivierge, J.-P., El-Murr, S., & Cisek, P. (2007). Making decisions as the evidence is changing. *Society for Neuroscience Abstracts*, Vol. 33.
109. Riad, M., & Descarries, L. (2007). In rats chronically treated with fluoxetine, functional 5-HT_{1A} autoreceptors are replaced by desensitized receptors on the plasma membrane of nucleus dorsalis neurons. *Society of Neuroscience*, Program No. 464.24 *Abstract Viewer/Itinerary Planner*. Washington, DC: Online.
110. Rivest, F., Kalaska, J., & Bengio, Y. (2007). Modèle neuroinformatique du signal dopaminergique et de l'intervalle de temps en conditionnement de trace. *Congrès de l'ACFAS: L'approche transdisciplinaire des sciences cognitives*.
111. Rompré, P., Lavigne, G., Guitard, F., Montplaisir, J., & Blanchet, P. (2007). Attenuation of oral dyskinesia during sleep: A quantitative study. *Sleep*. Vol. 30 *Abstract Suppl.* No. A0835.
112. Rossignol, S., Drew, T., Nielsen, J.B., Gorassini, M., & Edgerton, R. (2007). Mechanisms of locomotor recovery after spinal or peripheral nerve lesions. *17th Annual Meeting of Neural Control of Movement Society*. Sevilla, Spain.
113. Rossignol, S., Jacquemin, G., Nadeau, S., Fournier, C., Raymond, D., Piote, F., & Lamarre, Y. (2007). Spontaneous rhythmic activity in trunk and lower limb muscles of a patient with a complete lesion at Thoracic 4 level. *Can. Physiol.Soc. Winter Meeting*. Mont-Sainte-Anne, Québec.
114. Rossignol, S., Jacquemin, G., Nadeau, S., Fournier, C., Raymond, D., Piote, F., & Lamarre, Y. (2007). Rhythmic activity of the trunk and lower limb muscles in a patient with a complete thoracic spinal section. *San Diego, CA*.
115. Sapiéha, P.S., Duplan, L., Uetani, N., Gauthier, R., Tremblay, M., Kennedy, T., & Di Polo, A. (2007). Receptor protein tyrosine phosphatase sigma inhibits axon regrowth in the adult injured CNS. *Society for Neuroscience Abstracts*, Prog. No. 495.11.
116. Serrano, A., Robitaille, R., & Lacaille, J.-C. (2007). Astrocyte subtype-specific responses induced by NMDA in hippocampus. *Gordon Research Conference "Glia Biology: Functional Interactions among Glia and Neurons"*. Ventura, CA, USA. March 11-16.
117. Smetana, R., Dubuc, R., Alford, S., & Juvin, L. (2007). Brainstem muscarinoceptive neurons enhance mesencephalic locomotor region mediated locomotor behavior. *Soc. Neurosci., Abstr.*
118. Steinbok, P., Gan, Y., Connolly, M., Carmant, L., Sinclair, B., Rutka, J., Griebel, R., Aronyk, K., Hader, W., & Ventureyra, E. (2007). Epilepsy surgery in children under 3 years of age: A Canadian wide survey. *42nd Congress of the Canadian Neurological Sciences Federation*. Calgary, Alberta. 19-22 juin.
119. Thibeault-Eybalin, M., Gosselin, J., & Carmant, L. (2007). Neonatal seizures: long-term outcomes and prognostic implications. *36th Annual Meeting of the Child Neurology Society*. Quebec City Convention Center. 10-13 Octobre.
120. Thivierge, B., Arseneault, I., Lund, J.P., & Kolta, A. (2007). Role of glutamate-release by spindle afferent in chronic muscle pain. *Pain Day*. McGill University, Montreal.
121. Thivierge, J.-P., & Cisek, P. (2007). Exploring the mechanisms of aperiodic synchronization: A biophysical approach. *Society for Neuroscience Abstracts*, Vol. 33.
122. Todd, K., & Robitaille, R. (2007). The outcome of synaptic plasticity is determined by pattern-dependent endogenous glial activity. *Society for Neuroscience*.
123. Toderita, I., Bourgeon, S., & Chapman, C.E. (2007). Haptic perception of two-dimensional shape: influence of the task and angle orientation. *Annual winter meeting, Canadian Physiological Society*. Mont-Sainte-Anne, Québec.
124. Toderita, I., Bourgeon, S., & Chapman, C.E. (2007). Haptic perception of two-dimensional shape: categorisation versus discrimination. *Abstr. Soc. Neurosci. San Diego (CA)*.

125. Topolnik, L., Pelletier, J., & Lacaille, J.C. (2007). mGluR5-induced long-lasting potentiation of L-type calcium channels in dendrites of hippocampal CA1 oriens/alveus interneurons. Society for Neuroscience, Abstr. 783.10.
126. Topolnik, L., Pelletier, J.G., & Lacaille, J.-C. (2007). mGluR5-induced long-lasting potentiation of L-type Ca^{2+} channels in dendrites of hippocampal CA1 oriens/alveus interneurons. XXIXth International Symposium «The Essence of Memory». Montréal, Canada. May 14-15.
127. Topolnik, L., Pelletier, J.G., & Lacaille, J.-C. (2007). mGluR5-induced long-lasting potentiation of L-type Ca^{2+} channels in dendrites of hippocampal CA1 oriens/alveus interneurons. 1st Annual Meeting of CAN-ACN, Vol 34 (Suppl 3) (p. S95). Toronto, Canada: Canadian Journal of Neurological Sciences.
128. Tremblay, M.-È., Riad, M., & Doucet, G. (2007). Ultrastructural localization of ephrin-B3 in adult rat hippocampus. 1st Annual Meeting of CAN-ACN. University of Toronto Conference Centre. May 23-25.
129. Trépanier, V., & DesGroseillers, L. (2007). Characterization of the interaction between Staufen1 and mRNA. East-Coast RNA Meeting. Hôtel Chéribourg, Mont Orford, Québec.
130. Verdier, D., Lund, J.P., & Kolta, A. (2007). Postsynaptic responses elicited by peripheral inputs in the trigeminal main sensory nucleus. Soc. Neurosci., Abstr.
131. Wallman, M.J., Parent, M., Descarries, L., & Parent, A. (2007). Serotonin innervation of the subthalamic nucleus in monkey and human. Society of Neuroscience, Program No. 513.7 Abstract Viewer/Itinerary Planner. Washington, DC: Online.
132. Weiss, S., Whiting, S., Carmant, L., & the CPEN Infantile Spasms Study Group (2007). EEG predictors of outcome of IS. AES Meeting. Philadelphia, PA.
133. Yakovenko, S., & Drew, T. (2007). Motor cortex correlates of posture and movement during reaching in cats. CPS Winter Meeting.
134. Yakovenko, S., & Drew, T. (2007). Motor cortex correlates of posture and movement in instructed-delay reaching task in cats. CAN. Toronto.