



2024

*Beauchamp-Kerr, P., Le Page, C., Giguère, C., Marin, M.F., Trudel-Fitzgerald, C., Romain, A.J., Taschereau-Dumouchel, V., Ouellet-Morin, I., Lecomte, T., Potvin, S., Geoffrion, S., Sasseville, M., Caihol, L., Lipp, O., Pelletier, J.F., Dumais, A., Lesage, A., Labelle, R., **Lavoie, M.E.**, Godbout, R., Vincent, P., Boissonneault, J., Findlay, H., Lupien, S.J., Guay, S., Juster, R.P., et Consortium, S. (2024 epub ahead of print) The Signature Biobank: A longitudinal biopsychosocial repository of psychiatric emergency patients. *Psychiatry Research*. 332: 115718. [Pubmed](#)

2023

*Zouaoui, I., Dumais, A., **Lavoie, M.E.**, et Potvin, S. (2023) Auditory Steady-State Responses in Schizophrenia: An Updated Meta-Analysis. *Brain Sciences* 13 12. [Pubmed](#)

*Zouaoui, I., Zellag, M., Hernout, J., Dumais, A., Potvin, S., et **Lavoie, M.E.** (2023 epub ahead of print) Alpha and theta oscillations during the cognitive reappraisal of aversive pictures: A spatio-temporal qEEG investigation. *International Journal of Psychophysiology*. [Pubmed](#)

2022

Dion-Albert, L., Cadoret, A., Doney, E., Kaufmann, F.N., Dudek, K.A., Daigle, B., Parise, L.F., Cathomas, F., Samba, N., Hudson, N., Lebel, M., Aardema, F., *Ait Bentaleb, L., Beauchamp, J., Bendahmane, H., Benoit, E., Bergeron, L., Bertone, A., Bertrand, N., Berube, F.-A., Blanchet, P., Boissonneault, J., Bolduc, C.J., Bonin, J.-P., Borgeat, F., Boyer, R., Breault, C., Breton, J.-J., Briand, C., Brodeur, J., Brule, K., Brunet, L., Carriere, S., Chartrand, C., Chenard-Soucy, R., Chevrette, T., Cloutier, E., Cloutier, R., Cormier, H., Cote, G., Cyr, J., David, P., De Benedictis, L., Delisle, M.-C., Deschenes, P., Desjardins, C.D., Desmarais, G., Dubreucq, J.-L., Dumont, M., Dumais, A., Ethier, G., Feltrin, C., Felx, A., Findlay, H., Fortier, L., Fortin, D., Fortin, L., Francois, N., Gagne, V., Gagnon, M.-P., Gignac-Hens, M.-C., Giguere, C.-E., Godbout, R., Grou, C., Guay, S., Guillem, F., Hachimi-Idrissi, N., Herry, C., Hodgins, S., Homayoun, S., Jemel, B., Joyal, C., Kouassi, E., Labelle, R., Lafortune, D., Lahaie, M., Lahlafi, S., Lalonde, P., Landry, P., Lapaige, V., Larocque, G., Larue, C., **Lavoie, M.E.**, Leclerc, J.-J., Lecomte, T., Lecours, C., Leduc, L., Lelan, M.-F., Lemieux, A., Lesage, A.D., Letarte, A., Lepage, J., Levesque, A., Lipp, O., Luck, D., Lupien, S.J., Lusignan, F.-A., Lusignan, R., Luyet, A.J., Lynhiavu, A., Melun, J.-P., Morin, C., Nicole, L., Noel, F., Normandeau, L., O'Connor, K., Ouellette, C., Parent, V., Parizeau, M.-H., Pelletier, J.-F., Pelletier, J., Pelletier, M., Plusquellec, P., Poirier, D., Potvin, S., Prevost, G., Prevost, M.-J., Racicot, P., Racine-Gagne, M.-F., Renaud, P., Ricard, N., Rivet, S., Rolland, M., Sasseville, M., Safadi, G., Smith, S., Smolla, N., Stip, E., Teitelbaum, J., Thibault, A., Thibault, L., Thibault, S., Thomas, F., Todorov, C., Tourjman, V., Tranulis, C., Trudeau, S., Trudel, G., Vacri, N., Valiquette, L., Vanier, C., Villeneuve, K., Villeneuve, M., Vincent, P., Wolfe, M., Xiong, L., Zizzi, A., Campbell, M., Turecki, G., Mechawar, N., Menard, C. et Signature, C. (2022) Vascular and blood-brain barrier-related changes underlie stress responses and resilience in female mice and depression in human tissue. *Nature Communications*. 13 1: 164. [Abstract](#)

Aardema, F., Bouchard, S., Koszycki, D., **Lavoie, M.E.**, *Audet, J.S., et O'Connor, K. (2022) Evaluation of Inference-Based Cognitive-Behavioral Therapy for Obsessive-Compulsive Disorder: A Multicenter Randomized Controlled Trial with Three Treatment Modalities. *Psychotherapy and Psychosomatics*. 91 5: 348-359. [Pubmed](#)



Lavoie, M.E., *Perrault, M.-A., et Leclerc, J.B. (2022) Chapter Twelve - Integrating psychophysiology into cognitive-behavioral treatment for the Gilles de la Tourette syndrome, in International Review of Movement Disorders, M.E. Lavoie et A.E. Cavanna, Editors, Academic Press. p. 365-392. [Book section](#)

*Tessier, M., Desmarais, A., Leclerc, J.B., **Lavoie, M.E.**, O'Connor, K.P., et Gauthier, B. (2022) Capturing Subtle Neurocognitive Differences in Children with and without Tourette Syndrome through a Fine-Grained Analysis of Design Fluency Profiles. Journal of clinical medicine. 11 7. [Pubmed](#)

Lavoie, M.E. et Cavanna, A.E. (2022) The Neurobiology of the Gilles De La Tourette Syndrome and Chronic Tics: Part B. 1st ed. International review of movement disorders: Academic Press. 400.. [Book](#)

2021

*Morand-Beaulieu, S., Aardema, F., O'Connor, K.P., et **Lavoie, M.E.** (2021) Lateralized readiness potentials and sensorimotor activity in adults with obsessive-compulsive disorder. Progress in Neuro-Psychopharmacology & Biological Psychiatry. 104: 110061. [Pubmed](#)

2020

*Morand-Beaulieu, S., Aardema, F., O'Connor, K.P., et **Lavoie, M.E.** (2020 epub ahead of print) Lateralized readiness potentials and sensorimotor activity in adults with obsessive-compulsive disorder. Progress in Neuro-Psychopharmacology & Biological Psychiatry. 110061. [Pubmed](#)

2019

*Benbouriche, M., Teste, B., *Guay, J.P., et **Lavoie, M.E.** (2019) The Role of Rape-Supportive Attitudes, Alcohol, and Sexual Arousal in Sexual (Mis)Perception: An Experimental Study. Journal of sex research. 56 6: 766-777. [Pubmed](#)

*Morand-Beaulieu, S. et **Lavoie, M.E.** (2019) Cognitive and motor event-related potentials in Tourette syndrome and tic disorders: A systematic review. Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology. 130 6: 1041-1057. [Pubmed](#)

*Morand-Beaulieu, S., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2019) Motor Preparation in Obsessive-Compulsive Disorder: An LRP Study. Biological Psychiatry. 85 (10 Supplement): S220. [Abstract](#)

2018

*Morand-Beaulieu, S., O'Connor, K. P.P., Blanchet, P.J., et **Lavoie, M.E.** (2018) Electrophysiological predictors of cognitive-behavioral therapy outcome in tic disorders. Journal of Psychiatric Research. 105: 113-122. [Pubmed](#)

O'Connor, K. P., **Lavoie, M.E.**, et Schoendorff, B. (2018) Managing Tic and Habit Disorders: A Cognitive Psychophysiological Treatment Approach with Acceptance Strategies: Wiley Blackwell. 208. [Book](#)



*Perrault, M.A., *Morand-Beaulieu, S., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2018) Muscular tension regulation amongst patients with chronic tic disorders and body-focused repetitive behaviors during a Stimulus-Response Compatibility Inhibition Task: a surface electromyographic study. *International Journal of Psychophysiology*. 131: S140. [Abstract](#)

O'Connor, K. P., **Lavoie, M.E.**, Desaulniers, B., et *Audet, J.S. (2018) Cognitive psychophysiological treatment of bodily-focused repetitive behaviors in adults: An open trial. *Journal of clinical psychology*. 74 3: 273-285. [Pubmed](#)

2017

*Morand-Beaulieu, S., **Leclerc, J.B.**, *Valois, P., **Lavoie, M.E.**, O'Connor, K. P., et Gauthier, B. (2017) A Review of the Neuropsychological Dimensions of Tourette Syndrome. *Brain Sci.* 7 8. [Pubmed](#)

Sauve, G., *Morand-Beaulieu, S., O'Connor, K. P.P., Blanchet, P.J., et **Lavoie, M.E.** (2017) P300 Source Localization Contrasts in Body-Focused Repetitive Behaviors and Tic Disorders. *Brain Sci.* 7 7. [Pubmed](#)

*Morand-Beaulieu, S., *Grot, S., Lavoie, J., Leclerc, J. B., Luck, D., & **Lavoie, M. E.** (2017). The puzzling question of inhibitory control in Tourette syndrome: A meta-analysis. *Neurosci Biobehav Rev.* Review. 80: 240-262. [Pubmed](#)

Lavoie, M.E. et O'Connor, K. P. (2017) Toward a Multifactorial Conception of the Gilles de la Tourette Syndrome and Persistent Chronic Tic Disorder. *Brain Sci.* Editorial. 7 6. [Pubmed](#)

Guay, S., Nachar, N., ***Lavoie, M.E.**, Marchand, A., et O'Connor, K. P. (2017) The buffering power of overt socially supportive and unsupportive behaviors from the significant other on posttraumatic stress disorder individuals' emotional state. *Anxiety Stress Coping*. 30 1: 52-65. [Pubmed](#)

2016

Lavoie, M. E., Champagne, J., Glaser, E., & Mendrek, A. (2016). Mémoire émotionnelle et activités électrocorticales en schizophrénie. *Sante Ment Que*, 41(1), 85-121. [Pubmed](#)

Leclerc, J. B., O'Connor, K. P. P., G, J. N., Valois, P., & **Lavoie, M. E.** (2016). The Effect of a New Therapy for Children with Tics Targeting Underlying Cognitive, Behavioral, and Physiological Processes. *Front Psychiatry*, 7, 135. [Pubmed](#)

*Morand-Beaulieu, S., O'Connor, K. P. P., Richard, M., Sauve, G., Leclerc, J. B., Blanchet, P. J., & **Lavoie, M. E.** (2016). The Impact of a Cognitive-Behavioral Therapy on Event-Related Potentials in Patients with Tic Disorders or Body-Focused Repetitive Behaviors. *Front Psychiatry*, 7, 81. [Pubmed](#)

O'Connor, K. P., **Lavoie, M.**, Blanchet, P., et * St-Pierre-Delorme, M.E. (2016) Evaluation of a cognitive psychophysiological model for management of tic disorders: an open trial. *Br J Psychiatry. Clinical Trial*. 209 1: 76-83. [Pubmed](#)

Luck, D., Soulières, I., et **Lavoie, M.E.** (2016) L'apport des neurosciences affectives et cognitives en santé mentale. *Santé mentale au Québec*. 41 1: 9-13. [Abstract](#)



Lavoie, M.E., Sauvé, G., *Morand-Beaulieu, S., Luck, D., Stip, E., Marin, M.-F., et Lupien, S. (2016) Chapitre 8: Psychophysiologie et Neuropsychologie, in Psychiatrie Clinique: une approche bio-psycho-sociale Tome II: Spécialités, traitements, sciences fondamentales et sujets d'intérêt, M.P. Lalonde., Editor Chenelière Éducation. [Book section](#)

2015

*Morand-Beaulieu, S., O'Connor, K. P., Sauvé, G., Blanchet, P.J., et **Lavoie, M.E.** (2015) Cognitive-behavioral therapy induces sensorimotor and specific electrocortical changes in chronic tic and Tourette's disorder. *Neuropsychologia*. 79: 310-321. [Abstract](#)

Lavoie, M.E. (2015) Management of a patient with diabetic ketoacidosis in the emergency department. *Pediatrics Emergency Care*. 31 5: 376-380; quiz 381-383. [Pubmed](#)

O'Connor K, *Audet J-S, Julien D, Aardema F, Laverdure A, **Lavoie M. E.** (2015). The style of planning action (STOP) questionnaire in OCD spectrum disorders. *Personality and Individual Differences*. Vol 86: 25-32. [Abstract](#)

Germain, M., Chuang, M.N., Sauvé, G., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2015) The impact of comorbidity on event-related brain topography in patients presenting chronic tic disorders and Tourette syndrome. 20th meeting of the International Society for developmental Neuroscience. Montréal, Québec, July 19-24, Vol 47 102. [Abstract](#)

Lavoie, M.E., Sauvé, G., *Morand-Beaulieu, S., O'Connor, K. P., et Blanchet, P.J. (2015) Cognitive-behavioral therapy induces cerebral changes that significantly improved motor performances and brain electrocortical activity. 1st World congress on Tourette Syndrome & tic disorders. London, UK, June 24-26, [Abstract 162](#).

*Morand-Beaulieu, S., Fernandes, I., Sauvé, G., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2015) Modifications in brain functioning after cognitive psychophysiological therapy in Tourette syndrome patients. 1st World congress on Tourette Syndrome & tic disorders. London, UK, June 24-26, [Abstract 12](#) 155-157.

*Morand-Beaulieu, S., Fernandes, I., Sauvé, G., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2015) Electrophysiological similarities in Tourette syndrome and chronic tic disorder. *International Journal of Developmental Neuroscience*. Montréal, Québec, July 19-24, Vol 47 63. [Abstract](#)

Sauvé, G., *Morand-Beaulieu, S., O'Connor, K. P., Blanchet, P.J., et **Lavoie, M.E.** (2015) The motor complexity of symptoms influences the ERP of patients with persistent tic disorders. 1st World congress on Tourette Syndrome & tic disorders. London, UK, June 24-26, [Abstract 11](#) 371-373.

Hamel, N., O'Connor, K. P. *Morand-Beaulieu, S., **Lavoie, M.E.**, (2015). L'impulsivité et le syndrome de Gilles de la Tourette : état des connaissances. *Revue Québécoise de Psychologie*. Vol 36(2). 53-79. [Abstract](#)



2014

Lavoie, M.E., Sauvé, G., *Morand-Beaulieu, S., Charron, M.-P., et O'Connor, K. P. (2014) Effects of obsessive-compulsive disorder symptom intensity on brain electro-cortical activity associated with emotional memory, in Obsessive-compulsive disorder - The old and the new problems, V. Kalinin, Editor InTech. [Book section](#)

O'Connor, K. P., St-Pierre-Delorme, M.E., Leclerc, J., **Lavoie, M.E.** Blais, M.T. (2014). Meta-cognitions in Tourette, tics and body focused repetitive disorders. The Canadian Journal of Psychiatry. 59 8: 417-425. [Pubmed](#)

*Champagne, J., Mendrek, A., Germain, M+, Hot, P., **Lavoie, M.E.** (2014). Event-related brain potentials to emotional images and gonadal steroid hormone levels in patients with schizophrenia and paired controls. Frontiers in psychology. 5: 543. [Pubmed](#)

*Nachar, N., **Lavoie, M.E.**, Marchand, A., O'Connor, K. P., et Guay, S. (2014) The effect of talking about psychological trauma with a significant other on heart rate reactivity in individuals with posttraumatic stress disorder. Psychiatry research. 219 1: 171-176. [Pubmed](#)

2013

*Laverdure, A., O'Connor, K. P., & **Lavoie, M. E.** (2013). Cognitive aspects of hyperactivity and overactivity in preadolescents with Tourette syndrome. Psychiatry Journal. Published online. [Pubmed](#)

Lavoie, M.E., O'Connor, K. P. (2013). Effect of emotional valence on episodic memory stages as indexed by Event-Related Potential. World Journal of Neuroscience. 3. 250-262. [Abstract](#)

Lavoie, M.E., Stauder, J.E.A. (2013). How the brain process stimulus-response conflict? New insights from lateralized readiness potentials scalp topography and reaction times. Journal of Behavioral and Brain Science. 3. 150-155. [Pubmed](#)

Lavoie, M. E., *Leclerc, J., & O'Connor, K. P. P. (2013). Bridging neuroscience and clinical psychology: cognitive behavioral and psychophysiological models in the evaluation and treatment of Gilles de la Tourette syndrome. Neuropsychiatry, 3 1: 75-87. [Pubmed](#)

*Taillon, A., O'Connor, K. P., Dupuis, G., & **Lavoie, M.** (2013). Inference-Based Therapy for Body Dysmorphic Disorder. Clinical Psychology and Psychotherapy. 20 1: 67-76. [Pubmed](#)

Lavoie, M.E., Roth, R.M., et *Guay, S. (2013) Posttraumatic stress disorder, in The Neuropsychology of Psychopathology, C. Noggle et R. Dean, Editors, Springer Publishing Company: New York, N.Y. p. 287-306. [Book section](#)

Roth, R.M., Lavoie, M.E., Mason, E.A., et *O'Connor, K. (2013) Obsessive-compulsive disorders, in The Neuropsychology of Psychopathology, C. Noggle et R. Dean, Editors, Springer Publishing Company: New York, N.Y. p. 261-286. . [Book section](#)

2012

Leclerc, J., O'Connor, K. P., Forget, J. , **Lavoie, M. E.** (2012). Évaluation de l'effet d'un programme d'entraînement à l'autogestion des épisodes explosifs chez des enfants atteints du syndrome de Gilles de la Tourette Pratiques Psychologiques 18(3): 221-244. [Abstract](#)



Glaser, E., Mendrek, A., Germain, M., Lakis, N., **Lavoie, M. E.** (2012). Sex differences in memory of emotional images: A behavioral and electrophysiological investigation. *Int J Psychophysiol.* 85(1) 17-26. [Pubmed](#)

Lavoie, M.E. et O'Connor, K. (2012) Neurocognitive aspects of Tourette syndrome and related disorders, in *When things go wrong - Diseases and disorders of the human brain*, T. Mantamadiotis, Editor In Tech: Open Access Publishers: Croatie. p. 27-50. [Book section](#)

Fontaine, A., O'Connor, K. P., et **Lavoie, M.E.** (2012) Intervention cognitivo-comportementale avec les enfants souffrant de trouble obsessionnel-compulsif, in *L'intervention cognitivo-comportementale chez les enfants et les adolescents Tome I : Sous la direction de: Lyse Turgeon et Sophie Parent.* Presse de l'Université du Québec. p. 115-146. [Book section](#)

Lavoie, M.E., *Leclerc, J., Thibault, G., et O'Connor, K. (2012) Les interventions cognitivo-comportementales auprès des enfants et des adolescents souffrant du syndrome Gilles de la Tourette et de tics chroniques, in *Intervention cognitivo-comportementale auprès des enfants et des adolescents*, L. Turgeon et S. Parent, Editors, Presses de l'Université du Québec: Montréal QC. p. 87-111. [Book section](#)

2011

Lakis, N., Jimenez, J. A., Mancini-Marie, A., Stip, E., **Lavoie, M. E.**, & Mendrek, A. (2011). Neural correlates of emotional recognition memory in schizophrenia: Effects of valence and arousal. *Psychiatry Research*, 194(3), 245-256. [Pubmed](#)

Lavoie, M. E., Imbriglio, T. V., Stip, E., & O'Connor, K. P. P. (2011). Neurocognitive Changes Following Cognitive-Behavioral Treatment in Tourette Syndrome and Chronic Tic Disorder. *International Journal of Cognitive Therapy.* 4 1: 34-50. [Abstract](#)

Leclerc, J., O'Connor, K. P. P., Forget, J., & **Lavoie, M. E.** (2011). Behavioral Program for Managing Explosive Outbursts in Children with Tourette Syndrome. *Journal of Developmental and Physical Disabilities.* 23 1: 33-47. [Abstract](#)

2010

Leclerc, J., Laverdure, A., Forget, J., O'Connor, K. P., & **Lavoie, M.** (2010) Intervention spécialisée pour la gestion des épisodes explosifs auprès d'un enfant atteint du syndrome de Gilles de la Tourette et d'un trouble déficitaire de l'attention avec hyperactivité. *Journal de Thérapie Comportementale et Cognitive.* 20 3: 104-111. [Abstract](#)

2009

Guillem, F., Mendrek, A., **Lavoie, M.E.** Pampoulova, T., Stip, E. (2009). Sex differences in memory processing in schizophrenia: An event-related potential (ERP) study. *Progress in Neuro-Psychopharmacology & Biological Psychiatry.* 33. 1-10. [Abstract](#)

O'Connor, K. P., **Lavoie, M.E.**, Taillon, A., Borgeat, F., Stip, E., Laverdure, A. (2009). Cognitive behavioral management of Tourette's syndrome and chronic tic disorder in medicated and unmedicated samples. *Behaviour Research and Therapy.* 47(12) 1090-1095. [Abstract](#)

Thibault, G., O'Connor, K. P., Stip, E., **Lavoie, M.E.** (2009). Electrophysiological manifestations of stimulus evaluation, response inhibition and motor processing in Tourette syndrome patients. *Psychiatry Research.* 167 (3), 202-220. [Abstract](#)



Aardema, F., O'Connor, K. P., Pelissier, M.-C., & **Lavoie, M.** (2009). The quantification of doubt in obsessive-compulsive disorder. *International Journal of Cognitive Therapy*, 2(2), 188-205. [Abstract](#)

2008

O'Connor, K. P., Borgeat, F., Stip, E., **Lavoie, M.E.** (2008). Cognitive-behavior therapy and skilled motor performance in adults with chronic tic disorder. *Neuropsychological Rehabilitation*. 18 1: 45-64. [Pubmed](#)

Thibault, G., Felezeu, M., O'Connor, K. P., Stip, E., **Lavoie, M.E.** (2008). Influence of Comorbid Obsessive-Compulsive Symptoms on Brain Event-Related Potentials in Gilles de la Tourette Syndrome. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 32. 803-815. [Pubmed](#)

2007

Lavoie, M. E., Thibault, G., et al. (2007). Memory and Executive Functions in Adults with Gilles de la Tourette Syndrome and Chronic Tic Disorder. *Cognitive Neuropsychiatry* 12(2): 165-181. [Pubmed](#)

2005

O'Connor, K. P., **Lavoie, M. E.**, et al. (2005). Brain-Behavior Relations during Motor Processing in Chronic Tic and Habit Disorder. *Cognitive and Behavioral Neurology* 18(2): 79-88. [Pubmed](#)

2004

Delplanque, S., **Lavoie, M. E.**, et al. (2004). Modulation of Cognitive Processing by Emotional Valence Studied Through Event-Related Potentials in Humans. *Neuroscience* 365(1): 1-4. [Pubmed](#)

2003

Ladouceur, R., Sévigny, S., Blaszczyński, A., O'Connor, K.P., **Lavoie, M.E.** (2003). Video lottery: Winning expectancies and arousal. *Addiction*. 98: 733-738. [Abstract](#)

2001

O'Connor, K., **Lavoie, M.E.**, et Robert, M. (2001) Preparation and motor potentials in chronic Tic and Tourette Syndromes. *Brain and Cognition*. 46 1: 224-226.