



2024

Houchi, C., Marcil, M.J., Nadarajah, K., Mageau, G.A., Khairy, P., **Marin, M.F.**, Cossette, M., Dubé, M.P., Chaix, M.A., Mongeon, F.P., Dore, A., Mondésert, B., Ibrahim, R., et Brouillet, J. (2024 epub ahead of print) The relationship between perceived parenting practices and anxiety in adults with congenital heart disease. Canadian Journal of Cardiology. [Pubmed](#)

*Bilodeau-Houle, A., *Raymond, C., et **Marin, M.F.** (2024) It's all in the hair: Association between changes in hair cortisol concentrations in reaction to the COVID-19 pandemic and post-traumatic stress symptoms in children over time. Psychoneuroendocrinology. 164: 107019. [Pubmed](#)

*Raymond, C., Cernik, R., Beaudin, M., *Arcand, M., *Pichette, F., et **Marin, M.F.** (2024) Maternal attachment security modulates the relationship between vulnerability to anxiety and attentional bias to threat in healthy children. Scientific Reports. 14 1: 6025. [Pubmed](#)

*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., Lessage, 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

*Peyrot, C., *Provencher, J., *Duplessis Marcotte, F., *Cernik, R., et **Marin, M.F.** (2024) Using unconditioned responses to predict fear acquisition, fear extinction learning, and extinction retention patterns: Sex hormone status matters. Behavioural Brain Research. 459: 114802. [Pubmed](#)

*Davignon, L.M., *Brouillard, A., Juster, R.P., et **Marin, M.F.** (2023 epub ahead of print) The role of sex hormones, oral contraceptive use, and its parameters on visuospatial abilities, verbal fluency, and verbal memory. Hormones and Behavior. 157: 105454. [Pubmed](#)

*Brouillard, A., *Davignon, L.M., *Turcotte, A.M., et **Marin, M.F.** (2023) Morphologic alterations of the fear circuitry: the role of sex hormones and oral contraceptives. Frontiers in Endocrinology. Original Research. 14. [Abstract](#)

*Provencher, J., Cernik, R., et **Marin, M.F.** (2023 epub ahead of print) Impact of Stress and Exercise on Fear Extinction. Current Topics in Behavioral Neurosciences. [Pubmed](#)

Heyn, S.A., George, G., Hamm, E., Olson, C., Harari, J.H., **Marin, M.F.**, Milad, M.R., et Herringa, R.J. (2023) A proof-of-concept study of vicarious extinction learning and autonomic synchrony in parent-child dyads and posttraumatic stress disorder. Sci Rep. 13 1: 14968. [Pubmed](#)



Marcil, M.J., Houchi, C., Nadarajah, K., Khairy, P., A., M.G., **Marin, M.F.**, Cossette, M., Dubé, M.P., Chaix Marie, A., Mongeon, F.P., Dore, A., Mondésert, B., Ibrahim, R., et Brouillette, J. (2023) The Influence of Illness Perception and Coping on Anxiety in Adults With Congenital Heart Disease. *JACC: Advances*. 2 6: 100425. [Abstract](#)

*Bilodeau-Houle, A., *Raymond, C., et **Marin, M.F.** (2023) It's all in the hair: Changes in hair cortisol concentrations in reaction to the COVID-19 pandemic predicts post-traumatic stress symptoms in children. *Psychoneuroendocrinology*. 153: 106236. [Abstract](#)

*Brouillard, A., *Davignon, L.M., et **Marin, M.F.** (2023) Starting the pill during adolescence: The influence of age of onset and duration of use on fear-related grey matter brain volumes. *Psychoneuroendocrinology*. 153: 106195. [Abstract](#)

*Davignon, L.M., *Brouillard, A., et **Marin, M.F.** (2023) To each their own: The different mechanisms underlying the effect of sex hormones on visuospatial and verbal abilities. *Psychoneuroendocrinology*. 153: 106191. [Abstract](#)

Schiller, D., Yu, A.N.C., Alia-Klein, N., Becker, S., Cromwell, H.C., Dolcos, F., Eslinger, P.J., Frewen, P., Kemp, A.H., Pace-Schott, E.F., Raber, J., Silton, R.L., Stefanova, E., Williams, J.H.G., Abe, N., Aghajani, M., Albrecht, F., Alexander, R., Anders, S., Aragón, O.R., Arias, J.A., Arzy, S., Aue, T., Baez, S., Balconi, M., Ballarini, T., Bannister, S., Banta, M.C., Barrett, K.C., Belzung, C., Bensafi, M., Booij, L., Bookwala, J., Boulanger-Bertolus, J., Boutros, S.W., Brässcher, A.-K., Bruno, A., Busatto, G., Bylsma, L.M., Caldwell-Harris, C., Chan, R.C.K., Cherbuin, N., Chiarella, J., Cipresso, P., Critchley, H., Croote, D.E., Demaree, H.A., Denson, T.F., Depue, B., Derntl, B., Dickson, J.M., Dolcos, S., Drach-Zahavy, A., Dubljević, O., Eerola, T., Ellingsen, D.-M., Fairfield, B., Ferenzenzi, C., Friedman, B.H., Fu, C.H.Y., Gatt, J.M., deGelder, B., Gendolla, G.H.E., Gilam, G., Goldblatt, H., Gooding, A.E.K., Gosseries, O., Hamm, A.O., Hanson, J.L., Hendler, T., Herbert, C., Hofmann, S.G., Ibanez, A., Joffily, M., Jovanovic, T., Kahrilas, I.J., Kangas, M., Katsumi, Y., Kensinger, E., Kirby, L.A.J., Koncz, R., Koster, E.H.W., Kozlowska, K., Krach, S., Kret, M.E., Krippli, M., Kusi-Mensah, K., Ladouceur, C.D., Laureys, S., Lawrence, A., Li, C.-s.R., Liddell, B.J., Lidhar, N.K., Lowry, C.A., Magee, K., **Marin, M.-F.**, Mariotti, V., Martin, L.J., Marusak, H.A., Mayer, A.V., Merner, A.R., Minnier, J., Moll, J., Morrison, R.G., Moore, M., Mouly, A.-M., Mueller, S.C., Mühlberger, A., Murphy, N.A., Muscatello, M.R.A., Musser, E.D., Newton, T.L., Noll-Hussong, M., Norrholm, S.D., Northoff, G., Nusslock, R., Okon-Singer, H., Olino, T.M., Ortner, C., Owolabi, M., Padulo, C., Palermo, R., Palumbo, R., Palumbo, S., Papadelis, C., Pegna, A.J., Pellegrini, S., Peltonen, K., Penninx, B.W.J.H., Pietrini, P., Pinna, G., Lobo, R.P., Polnaszek, K.L., Polyakova, M., Rabinak, C., HeleneRichter, S., Richter, T., Riva, G., Rizzo, A., Robinson, J.L., Rosa, P., Sachdev, P.S., Sato, W., Schroeter, M.L., Schweizer, S., Shiban, Y., Siddharthan, A., Siedlecka, E., Smith, R.C., Soreq, H., Spangler, D.P., Stern, E.R., Styliadis, C., Sullivan, G.B., Swain, J.E., Urben, S., Van den Stock, J., vander Kooij, M.A., van Overveld, M., Van Rheenen, T.E., VanElzakker, M.B., Ventura-Bort, C., Verona, E., Volk, T., Wang, Y., Weingast, L.T., Weymar, M., Williams, C., Willis, M.L., Yamashita, P., Zahn, R., Zupan, B., Lowe, L., Gabriela, G., Charlotte F. H. et Leonie, L. (2023) The Human Affectome. *Neuroscience & Biobehavioral Reviews*. 105450. [Abstract](#)



*Duplessis-Marcotte, F. et **Marin, M.F.** (2023) The effect of sex hormones on decision-making in healthy young women. *Psychoneuroendocrinology*. 153: 106174. [Abstract](#)

*Duplessis-Marcotte, F. et **Marin, M.F.** (2023) When asking 'how are you?' may not be enough: The relationship between stress and alcohol use. *Psychoneuroendocrinology*. 153: 106175. [Abstract](#)

*Raymond, C., *Pichette, F., et **Marin, M.F.** (2023) Cortisol reactivity and emotional cognitive processes in healthy youth presenting elevated vulnerability to anxiety. *Psychoneuroendocrinology*. 153: 106237. [Abstract](#)

Marin, M.F. (2023) A biopsychosocial perspective of the effects of stress during development and its relationship to one's vulnerability to psychopathology. *Psychoneuroendocrinology*. 153: 106131. [Abstract](#)

*Arcand, M., *Bilodeau-Houle, Juster, R.P., et **Marin, M.F.** (2023) Sex and gender role differences on stress, depression, and anxiety symptoms in response to the COVID-19 pandemic over time. *Frontiers in psychology. Original Research*. 14. [Abstract](#)

*Raymond, C., *Pichette, F., *Beaudin, M., Cernik, R., et **Marin, M.F.** (2023) Vulnerability to anxiety differently predicts cortisol reactivity and state anxiety during a laboratory stressor in healthy girls and boys. *Journal of Affective Disorders*. 331: 425-433. [Pubmed](#)

*Duplessis-Marcotte, F., *Lapointe, R., Lupien, S.J., et **Marin, M.F.** (2023) When asking 'are you stressed?' is not enough: Hair cortisol, subjective stress, and alcohol use during the first year of the pandemic. *Psychoneuroendocrinology*. 150: 106051. [Pubmed](#)

*Fortin, J., Rivest-Beauregard, M., Defer, C., Leblanc, M., Thamar Louis, L.A., Roy, C.A., Lapierre, I., Brunet, A., **Montreuil, M.**, et Marin, M.F. (2023) The Impact of Canadian Medical Delays and Preventive Measures on Breast Cancer Experience: A Silent Battle Masked by the COVID-19 Pandemic. *Canadian Journal of Nursing Research* 55 1: 55-67. [Pubmed](#)

*Beauchamp-Kerr, P., *Morand-Beaulieu, S., *Bouchard, V., et **Marin, M.F.** (2023) Parent-child physiological concordance predicts stronger observational fear learning in children with a less secure relationship with their parent. *Journal of Experimental Child Psychology*. 226: 105553. [Pubmed](#)

2022

*Bilodeau-Houle, A., *Raymond, C., et **Marin, M.F.** (2022) Neuroticism and Cortisol Levels in Response to the COVID-19 Pandemic Predict Post-Traumatic Stress Symptoms in Children: A Biopsychosocial Approach to Identify At-Risk Children. *Neuropsychopharmacology*. 47: 86-87. [Abstract](#)

Cyr, S., Marcil, M.J., Houchi, C., **Marin, M.F.**, Rosa, C., Tardif, J.C., Guay, S., Guertin, M.C., Genest, C., Forest, J., Lavoie, P., Labrosse, M., Vadéboncoeur, A., Selcer, S., Ducharme, S., et Brouillette, J. (2022) Evolution of burnout and psychological distress in healthcare workers during the COVID-19 pandemic: a 1-year observational study. *BMC Psychiatry*. 22 1: 809. [Pubmed](#)



Marcil, M.J., Khairy, P., Mageau, G.A., **Marin, M.F.**, Mongeon, F.P., Dore, A., Mondesert, B., Ibrahim, R., Chaix, M.A., Guertin, M.C., Dube, M.P., et Brouillette, J. (2022) Characterizing Medical and Psychological Factors Associated with Anxiety Symptomatology in Adults with Congenital Heart Disease. Psychosomatic Medicine. 79th Annual Scientific Meeting Achieving Health Equity: Opportunities for Psychosomatic Science. Long Beach, CA United States, June, 84 A24. *Conference proceeding*

Cyr, S., Marcil, M.J., **Marin, M.F.**, Rosa, C., Tardif, J.C., Guay, S., Guertin, M.C., Genest, C., Forest, J., Lavoie, P., Labrosse, M., Vadeboncoeur, A., Selcer, S., Ducharme, S., et Brouillette, J. (2022) Hair cortisol change at COVID-19 pandemic onset predicts burnout among health personnel. *Psychoneuroendocrinology*. 138: 105645. [Abstract](#)

Geoffrion, S., Nolet, K., Giguere, C.E., **Lecomte, T.**, Potvin, S., Lupien, S.J., et **Marin, M.F.** (2022) Psychosocial Profiles of Patients Admitted to Psychiatric Emergency Services: Results from the Signature Biobank Project. *The Canadian Journal of Psychiatry*. 67 5: 380-390. [Pubmed](#)

*Raymond, C., *Bilodeau-Houle, A., *Zerroug, Y., *Provencher, J., *Beaudin, M., et **Marin, M.F.** (2022) Pre-pandemic socio-emotional vulnerability, internalizing and externalizing symptoms predict changes in hair cortisol concentrations in reaction to the COVID-19 pandemic in children. *Psychoneuroendocrinology*. 144: 105888. [Pubmed](#)

Palma, P., **Marin, M.F.**, Onishi, K.H., et Titone, D. (2022) Learning, Inside and Out: Prior Linguistic Knowledge and Learning Environment Impact Word Learning in Bilingual Individuals. *Language Learning*. [Abstract](#)

George, G.C., Heyn, S.A., Konishi, S., **Marin, M.F.**, Milad, M.R., et Herringa, R.J. (2022) Parent-Child Autonomic Synchrony During Vicarious Extinction Learning in Pediatric PTSD. *bioRxiv*. 2022.01.12.476063. [Abstract](#)

*Brouillard, A., *Davignon, L.M., Fortin, J., et **Marin, M.F.** (2022) A Year Through the COVID-19 Pandemic: Deleterious Impact of Hormonal Contraception on Psychological Distress in Women. *Frontiers in psychiatry*. 13: 835857. [Pubmed](#)

*Raymond, C., *Provencher, J., *Bilodeau-Houle, A., Leclerc, J., et **Marin, M.F.** (2022) A longitudinal investigation of psychological distress in children during COVID-19: the role of socio-emotional vulnerability. *European Journal of Psychotraumatology*. 13 1: 2021048. [Pubmed](#)

*Cantave, C.Y., Ouellet-Morin, I., Giguère, C., Lupien, S.J., Juster, R.P., Geoffrion, S., et **Marin, M.F.** (2022) The Association of Childhood Maltreatment, Sex, and Hair Cortisol Concentrations With Trajectories of Depressive and Anxious Symptoms Among Adult Psychiatric Inpatients. *Psychosomatic Medicine*. 84 1: 20-28. [Pubmed](#)

*Rossi, M., *Arcand, M., Schmidt, M.A., Sandford, T.G., Jean-Baptiste, F., **Marin, M.F.**, Pantazatos, S.P., et Juster, R.P. (2022) Gender-Role identity, personality traits and mental health: Crossed-type people are at higher risk, depending on their personality. *Psychosomatic Medicine*. 84. *Conference proceeding*



2021

*Fortin, J., Leblanc, M., Elgbeili, G., Cordova, M.J., **Marin, M.F.**, et Brunet, A. (2021) The mental health impacts of receiving a breast cancer diagnosis: A meta-analysis. *British Journal of Cancer*. 125 11: 1582-1592. [Pubmed](#)

*Raymond, C., *Bilodeau-Houle, A., *Zerroug, Y., *Provencher, J., Beaudin, M., et **Marin, M.F.** (2021) Pre-pandemic internalized and externalized symptoms predict hair cortisol concentrations in reaction to COVID-19 in girls but not in boys: A longitudinal study. *Psychoneuroendocrinology*. 131: 105512. [Abstract](#)

*Arcand, M., Juster, R.P., et **Marin, M.F.** (2021) Trajectories of anxiety and depressive symptoms in response to the COVID-19 pandemic: Protective effect of gender-roles on women. *European Journal of Psychotraumatology*. 12: 42.43. [Pubmed](#)

*Brouillard, A., *Davignon, L.-M., *Fortin, J., et **Marin, M.F.** (2021) Impact of oral contraceptive use on psychological distress during the covid-19 pandemic. 60th Annual Meeting of the American College of Neuropsychopharmacology. San Juan Puerto Rico, 46 81. [Conference proceeding](#)

Besnier, F., Dupuy, E.G., Gagnon, C., Vincent, T., Grégoire, C.A., Blanchette, C.A., Saillant, K., Bouabdallaoui, N., Grau, J.I., Bérubé, B., Olmand, M., **Marin, M.F.**, Belleville, S., Juneau, M., Vitali, P., Gayda, M., Nigam, A., et Bherer, L. (2021) Investigation of the Effects of Home-Based Exercise and Cognitive Training on Cognitive and Physical Functions in Cardiac Patients: The COVEPICARDIO Study Protocol of a Randomized Clinical Trial. *Frontiers in Cardiovascular Medicine*. 8: 740834. [Pubmed](#)

*Kheloui, S., *Brouillard, A., *Rossi, M., **Marin, M.F.**, Mendrek, A., Paquette, D., et **Juster, R.P.** (2021 epub ahead of print) Exploring the sex and gender correlates of cognitive sex differences. *Acta psychologica*. 221: 103452. [Pubmed](#)

*Longpré, C., Sauvageau, C., Cernik, R., *Journault, A.A., **Marin, M.F.**, et Lupien, S. (2021) Staying informed without a cost: No effect of positive news media on stress reactivity, memory and affect in young adults. *PLoS One*. 16 10. [Pubmed](#)

Wen, Z., Hammoud, M.Z., Scott, J.C., Jimmy, J., Brown, L., **Marin, M.F.**, Asnaani, A., Gur, R.C., Foa, E.B., et Milad, M.R. (2021) Impact of exogenous estradiol on task-based and resting-state neural signature during and after fear extinction in healthy women. *Neuropsychopharmacology*. [Pubmed](#)

*Fortin, J., Leblanc, M., Elgbeili, G., Cordova, M.J., **Marin, M.F.**, et Brunet, A. (2021) The mental health impacts of receiving a breast cancer diagnosis: A meta-analysis. *British journal of cancer*. [Pubmed](#)

*Fortin, J., Leblanc, M., Elgbeili, G., Cordova, M.J., **Marin, M.F.**, et Brunet, A. (2021) The mental health impacts of receiving a breast cancer diagnosis: A meta-analysis. *British Journal of Cancer*. [Abstract](#)



Dupuy, E.G., Besnier, F., Gagnon, C., Vincent, T., Grégoire, C.A., Blanchette, C.A., Saillant, K., Bouabdallaoui, N., Iglesias-Grau, J., *Payer, M., **Marin, M.F.**, Belleville, S., Juneau, M., Vitali, P., Gayda, M., Nigam, A., et Bherer, L. (2021) COVEPIC (Cognitive and spOrt Virtual EPIC training) investigating the effects of home-based physical exercise and cognitive training on cognitive and physical functions in community-dwelling older adults: study protocol of a randomized single-blinded clinical trial. *Trials*. 22 1: 505. [Pubmed](#)

Cyr, S., Marcil, M.J., **Marin, M.F.**, Tardif, J.C., Guay, S., Guertin, M.C., Rosa, C., Genest, C., Forest, J., Lavoie, P., Labrosse, M., Vadeboncoeur, A., Selcer, S., Ducharme, S., et Brouillet, J. (2021) Factors Associated With Burnout, Post-traumatic Stress and Anxiodepressive Symptoms in Healthcare Workers 3 Months Into the COVID-19 Pandemic: An Observational Study. *Frontiers in psychiatry*. 12 1039. [Abstract](#)

*Raymond, C., **Marin, M.F.**, Wolosianski, V., *Journault, A.A., *Longpré, C., et Lupien, S.J. (2021) Adult Women First Exposed to Early Adversity After 8 Years Old Show Attentional Bias to Threat. *Frontiers in behavioral neuroscience*. 15: 628099. [Pubmed](#)

van Rooij, S.J.H., Ravi, M., Ely, T.D., Michopoulos, V., Winters, S.J., Shin, J., **Marin, M.F.**, Milad, M.R., Rothbaum, B.O., Ressler, K.J., Jovanovic, T., et Stevens, J.S. (2021) Hippocampal activation during contextual fear inhibition related to resilience in the early aftermath of trauma. *Behavioural Brain Research*. 408: 113282. [Pubmed](#)

Marin, M.F. et Milad, M.R. (2021) Dimensional approaches to understanding threat conditioning and extinction in anxiety. *Neuropsychopharmacology*. 46 1: 237-238. [Pubmed](#)

Wen, Z., **Marin, M.F.**, Blackford, J.U., Chen, Z.S., et Milad, M.R. (2021) Fear-induced brain activations distinguish anxious and trauma-exposed brains. *Translational Psychiatry*. 11 1: 46. [Pubmed](#)

Kreutzmann, J.C., **Marin, M.F.**, Fendt, M., Milad, M.R., Ressler, K., et Jovanovic, T. (2021) Unconditioned response to an aversive stimulus as predictor of response to conditioned fear and safety: A cross-species study. *Behavioural Brain Research*. 402: 113105. [Pubmed](#)

2020

*Raymond, C., **Marin, M.F.**, Wolosianski, V., *Journault, A.A., *Longpré, C., Leclaire, S., Cernik, R., Juster, R.P., et Lupien, S.J. (2020) Early childhood adversity and HPA axis activity in adulthood: The importance of considering minimal age at exposure. *Psychoneuroendocrinology*. 124: 105042. [Pubmed](#)

*Khelou, S., *Rossi, M., *Brouillard, A., **Marin, M.F.**, Paquette, D., Mendrek, A., et Juster, R.P. (2020) Exploring the sex and gender correlates of sexually dimorphic cognition. *Psychoneuroendocrinology*. 119: 104959. [Abstract](#)

*Jacmin-Park, S., *Bourdon, O., *Larocque, O., *Rossi, M., *Khelou, S., *Beauchamp-Kerr, P., Barbosa Da Torre, M., Gariépy, G., Geoffrion, S., Abdel-Baki, A., **Marin, M. F.**, Aardema, F., et Juster, R.P. (2020) Sex- and gender-based analysis of coronavirus crisis competence. *Psychoneuroendocrinology*. 119: 104957-104957. [Pubmed](#)



*Bilodeau-Houle, A., Bouchard, V., *Morand-Beaulieu, S., Herringa, R.J., Milad, M.R., et **Marin, M.F.** (2020) Anxiety Sensitivity Moderates the Association Between Father-Child Relationship Security and Fear Transmission. *Frontiers in psychology*. 11: 579514. [Pubmed](#)

Marin, M.F., *Bilodeau-Houle, A., *Morand-Beaulieu, S., *Brouillard, A., Herringa, R.J., et Milad, M.R. (2020) Vicarious conditioned fear acquisition and extinction in child-parent dyads. *Scientific reports*. 10 1: 17130. [Pubmed](#)

*Dumont, L., **Marin, M.F.**, Lupien, S.J., et Juster, R.P. (2020) Sex Differences in Work-Stress Memory Bias and Stress Hormones. *Brain Sciences*. 10 7. [Pubmed](#)

*Arcand, M., Juster, R.P., Lupien, S.J., et **Marin, M.F.** (2020) Gender roles in relation to symptoms of anxiety and depression among students and workers. *Anxiety Stress Coping*. 1-14. [Pubmed](#)

*Peyrot, C., *Brouillard, A., *Morand-Beaulieu, S., et **Marin, M.-F.** (2020) A review on how stress modulates fear conditioning: Let's not forget the role of sex and sex hormones. *Behaviour Research and Therapy*. 129: 103615. [Abstract](#)

*Bourdon, O., *Raymond, C., **Marin, M.F.**, *Olivera-Figueroa, L., Lupien, S.J., et Juster, R.P. (2020) A time Vulnerability to anxiety chronically stressed? Maladaptive time perspectives are associated with allostatic load. *Biological Psychology*. 152: 107871. [Pubmed](#)

Marin, M.F., Hammoud, M.Z., Klumpp, H., Simon, N.M., et Milad, M.R. (2020) Multimodal Categorical and Dimensional Approaches to Understanding Threat Conditioning and Its Extinction in Individuals With Anxiety Disorders. *Journal of the American Medical Association Psychiatry*. 77 1: 618-627. [Pubmed](#)

Marin, M.F., Barbey, F., Rosenbaum, B.L., Hammoud, M.Z., Orr, S.P., et Milad, M.R. (2020) Absence of conditioned responding in humans: A bad measure or individual differences? *Psychophysiology*. 57 1: e13350. [Pubmed](#)

2019

Marin, M.F., Geoffrion, S., Juster, R.P., Giguère, C.E., Marchand, A., Lupien, S.J., et Guay, S. (2019) High cortisol awakening response in the aftermath of workplace violence exposure moderates the association between acute stress disorder symptoms and PTSD symptoms. *Psychoneuroendocrinology*. 104: 238-242. [Pubmed](#)

*Cantave, C.Y., *Langevin, S., **Marin, M.F.**, Brendgen, M., Lupien, S., et Ouellet-Morin, I. (2019) Impact of maltreatment on depressive symptoms in young male adults: The mediating and moderating role of cortisol stress response and coping strategies. *Psychoneuroendocrinology*. 103: 41-48. [Abstract](#)



*Raymond, C., **Marin, M.F.**, Juster, R.P., *Leclaire, S., *Bourdon, O., *Cayer-Falardeau, S., et Lupien, S.J. (2019) Increased frequency of mind wandering in healthy women using oral contraceptives. *Psychoneuroendocrinology*. 101: 121-127. [Pubmed](#)

Marin, M.F., Geoffrion, S., Giguère, C.E., et Consortium, S. (2019) The Moderating Role of Age in the Relationship Between Early Life Adversity and Hair Cortisol Concentrations in Adults Admitted to a Psychiatric Emergency Service. *Biological Psychiatry*. 85 (10 Supplement): S146-S147. [Abstract](#)

Marin, M.F., *Raymond, C., et Lupien, S.J. (2019) Chapter 6 - Memory and Stress, in Stress: Physiology, Biochemistry, and Pathology, G. Fink, Editor Academic Press. p. 69-78. [Book section](#)

Pace-Schott, E.F., Amole, M.C., Aue, T., Balconi, M., Bylsma, L.M., Critchley, H., Demaree, H.A., Friedman, B.H., Gooding, A.E.K., Gosseries, O., Jovanovic, T., Kirby, L.A.J., Kozlowska, K., Laureys, S., Lowe, L., Magee, K., Marin, M.F., Merner, A.R., Robinson, J.L., Smith, R.C., Spangler, D.P., Van Overveld, M., et VanElzakker, M.B. (2019) Physiological feelings. *Neuroscience and Biobehavioral Review*. 103: 267-304. [Pubmed](#)

*Raymond, C., **Marin, M. F.**, Juster, R.P., et Lupien, S.J. (2019) Should we suppress or reappraise our stress?: the moderating role of reappraisal on cortisol reactivity and recovery in healthy adults. *Anxiety, Stress & Coping*. 32 3: 286-297. [Pubmed](#)

2018

Marin, M.F., Raymond, C., et Lupien, S.J. (2018 en ligne (publié le 1 janvier 2019)) Memory and Stress, in Stress: Physiology, Biochemistry, and Pathology 1st Edition, Fink, Editor Elsevier: San Diego. p. 450. [Book section](#)

Raij, T., Nummenmaa, A., **Marin, M.F.**, Porter, D., Furtak, S., Setsompop, K., et Milad, M.R. (2018) Prefrontal Cortex Stimulation Enhances Fear Extinction Memory in Humans. *Biological Psychiatry*. 84 2: 129-137. [Pubmed](#)

*Raymond, C., **Marin, M.F.**, Majeur, D., et Lupien, S.J. (2018) Early child adversity and psychopathology in adulthood: HPA axis and cognitive dysregulations as potential mechanisms. *Prog Neuropsychopharmacol Biol Psychiatry*. 85: 152-160. [Pubmed](#)

Lupien, S.J., Juster, R.P., *Raymond, C., et **Marin, M.F.** (2018) The effects of chronic stress on the human brain: From neurotoxicity, to vulnerability, to opportunity. *Frontiers in neuroendocrinology*. 49: 91-105. [Pubmed](#)

Marin, M.F. et Milad, M.R. (2018) Individual Differences in Fear Conditioning and Extinction Paradigms: Insights for Emotion Regulation, in *The Nature of Emotion* (2nd edition) Oxford University Press: New York. p. 154-158. [Book section](#)

Lo, M.C., **Marin, M.F.**, Widge, A.S. & Milad, M.R. (2018). Device-based treatment for posttraumatic stress disorder (PTSD), in *Primer on PTSD*, B. Stoddard, Milad.& Ursano Editor Oxford University Press: New York. p. 319-328. [Book section](#)



Kutlu, M.G., **Marin, M.F.**, Tumolo, J.M., Kaur, N., VanElzakker, M.B., Shin, L.M., et Gould, T.J. (2018) Nicotine exposure leads to deficits in differential cued fear conditioning in mice and humans: A potential role of the anterior cingulate cortex. *Neuroscience letters*. 673: 142-149. [Pubmed](#)

2017

Alexandra Kredlow, M., Pineles, S.L., Inslicht, S.S., **Marin, M.F.**, Milad, M.R., Otto, M.W., et Orr, S.P. (2017) Assessment of skin conductance in African American and Non-African American participants in studies of conditioned fear. *Psychophysiology*. 54 11: 1741-1754.. [Pubmed](#)

Marin, M.F., Zsido, R.G., Song, H., Lasko, N.B., Killgore, W.D., Rauch, S.L., Simon, N.M., et Milad, M.R. (2017) Skin Conductance Responses and Neural Activations During Fear Conditioning and Extinction Recall Across Anxiety Disorders. *Journal of the American Medical Association Psychiatry*. 74 6: 622-631. [Pubmed](#)

Lange, I., **Marin, M.F.**, et Milad, M.R. (2017) 921. Influence of Age, Type, and Number of Trauma Exposures on the Neural Mechanisms of Conditioned Fear Extinction. 72nd Annual Scientific Convention and Meeting of Biological Psychiatry. San Diego, May 15, 81 S372-S373. [Abstract](#)

Bruno, N., **Marin, M.F.**, Milad, M.R., et Camprodon, J. (2017) 19. Amygdala Subnuclei Volumes Differ among PTSD, Asymptomatic Trauma-Exposed and Healthy Individuals. 72nd Annual Scientific Convention and Meeting of Biological Psychiatry. San Diego, May 18-20, 81 S8-S9. [Abstract](#)

Spencer, A.E., **Marin, M.F.**, Milad, M.R., Spencer, T.J., Bogucki, O.E., Pope, A.L., Plasencia, N., Hughes, B., Pace-Schott, E.F., Fitzgerald, M., Uchida, M., et Biederman, J. (2017) Abnormal fear circuitry in Attention Deficit Hyperactivity Disorder: A controlled magnetic resonance imaging study. *Psychiatry Res.* 262: 55-62. [Pubmed](#)

2016

Helpman, L., Papini, S., Markowitz, J.C., **Marin, M.F.**, Zhu, X., Mann, J.J., et Neria, Y. (2016) 118. Sex related heterogeneity in neurocognitive pathways to recovery from PTSD. 71rd Annual meeting Society of Biological Psychiatry. Atlanta (GA), É-U, October, 27, 79 47S. [Abstract](#)

Helpman, L., **Marin, M. F.**, Papini, S., Zhu, X., Sullivan, G. M., Schneier, F., Neria, M, Shvil, E., Malaga Aragon, M. J., Markowitz, J. C., Lindquist, M. A., Wager, T., Milad, M., Neria, Y. (2016). Neural changes in extinction recall following prolonged exposure treatment for PTSD: A longitudinal fMRI study. *Neuroimage Clin*, 12, 715-723. [Pubmed](#)



Publications Marie-France Marin

Marin, M.F., Song H, VanElzakker MB, Staples LK, Linnman C, Pace-Schott EF, Lasko NB, Shin LM, Milad MR (2016). Association of resting metabolism in the fear neural network with extinction recall activations and clinical measures in trauma-exposed individuals. *He American journal of psychiatry*. 173 9: 930-938. [Pubmed](#)

*Morin-Major, J.K., **Marin, M.F.**, Durand, N., Wan, N., Juster, R.P., et Lupien, S.J. (2016) Facebook behaviors associated with diurnal cortisol in adolescents: Is befriending stressful? *Psychoneuroendocrinology. Research Support, Non-U S Gov't*. 63: 238-246. [Pubmed](#)

Marin, M.F. (2016) Impact of stress and stress hormones on emotional memory: A dynamic process, in *Medical and Social Aspects of Trauma*, O. (Ed.), Editor: Katowice. p. 91-107.

Marin, M.F. et Milad, M.R. (2016) Functional Neuroimaging of PTSD: The past, present and future, in *Neurobiology of PTSD : From Brain to Mind*, D.L.R. (Eds.), Editor: New York. p. 317-335. [Book section](#)

Marin, M.F. et Milad, M.R. (2016) Extending the Examination of the Fear Extinction Network Beyond Anxiety and Fear-Based Disorders: Insight Into Autism Spectrum Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* 1 4: 302-304. [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*, P. Lalonde et G.-F. Pinard, Editors, Chenelière Éducation. p. 2040. [Book section](#)

Marin, M.F., Barbey, F., Rosenbaum, B.L., P., O.S., et Milad, M.R. (2016) T71. Skin conductance responses as a marker of conditionability: Do poor conditioners' brains respond differently during fear conditioning? 55th Annual meeting of American College of Neuropsychopharmacology. Hollywood, FL, É-U, December 6, 41 S330-S331. [Abstract](#)

2015

*Juster, R. P., Hatzenbuehler, M. L., Mendrek, A., Pfaus, J., Smith, N. G., Johnson, P. J., Lefebvre-Louis, J.-P., *Raymond, C., ***Marin, M.-F.**, **Sindi, S., Lupien, S. J., & Pruessner, J. C. (2015). Sexual orientation modulates endocrine stress reactivity. *Biological Psychiatry*. 77, 668- 676. [Pubmed](#)

Wood NE, Rosasco ML, Suris AM, Spring JD, **Marin, M.F.**, Lasko NB, Goetz JD, Fischer AM, Orr SP, Pitman RK (2015). Pharmacological blockade of reconsolidation in posttraumatic stress disorder: Three negative studies. *Psychiatry research*. 225 1-2: 31-39. [Pubmed](#)



Marin, M.F., Fowler Lonak S, Milad MR (2015). Augmentation of evidence-based psychotherapy for PTSD with cognitive enhancers. Current Psychiatry Reports. 17 6: 39. [Pubmed](#)

Rosenbaum, B.L., Bui, E., **Marin, M.F.**, Holt, D.J., Lasko, N.B., Pitman, R.K., Orr, S.P., et Milad, M.R. (2015) Demographic factors predict magnitude of conditioned fear. International Journal of Psychophysiology. 59-64. [Pubmed](#)

Marin, M.F. & Milad MR (2015). Neuromodulation approaches for the treatment of post-traumatic stress disorder: Stimulating the brain following exposure-based therapy. Current Behavioral Neuroscience Reports. 2 2: 67-71. [Abstract](#)

Plusquellec P, *Trépanier L,* Juster R.P., **Marin, M.F.**, François N, *Sindi S, Wan N, Findlay H, Durand N, Lupien SJ (2015). Étude pilote des effets du programme DéStresse et Progresse chez des élèves de 6e année du primaire intégrés dans une école secondaire. Numéro spécial de l'association canadienne d'éducation de la langue française (ACELF). 43 2: 6-29. [Abstract](#)

Olivera-Figueroa LA, Juster RP, Morin-Major JK, **Marin, M.F.**, Lupien SJ (2015). A time to be stressed? Time Perspectives profiles are associated with cortisol systemic output among healthy adults. Biological Psychology. 111: 90-99. [Pubmed](#)

Faghah, R.T., Stokes, P.A., **Marin, M.F.**, Zsido, R.G., Zorowitz, S., Rosenbaum, B.L., Huijin, S., Milad, M.R., Dougherty, D.D., Eskandar, E.N., Widge, A.S., Brown, E.N., et Barbieri, R. (2015) Characterization of fear conditioning and fear extinction by analysis of electrodermal activity. Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology. 2015: 7814-7818. [Pubmed](#)

Hwang, M.J., Zsido, R.G., Song, H., Pace-Schott, E.F., Miller, K.K., Lebron-Milad, K., **Marin, M.F.**, et Milad, M.R. (2015) Contribution of estradiol levels and hormonal contraceptives to sex differences within the fear network during fear conditioning and extinction. BMC Psychiatry. 15: 295. [Pubmed](#)

Lavoie, M.E., Sauvé, G., Morand-Beaulieu, S., Luck, D., Stip, E., **Marin, M.F.**, et Lupien, S. (2015) Psychophysiologie et neuropsychologie, in Psychiatrie clinique : une approche bio-psycho-sociale Tome II: Spécialités, traitements, sciences fondamentales et sujets d'intérêt, M.P. P. Lalonde., Editor Chenelière Éducation. [Abstract](#)

2014

Marin, M.F., Camprodon JA, Dougherty DD, Milad MR (2014). Device-based brain stimulation to augment fear extinction: implications for PTSD treatment and beyond. Depression and anxiety. 31 4: 269-78. [Pubmed](#)

Greenberg MS, Taney KS, **Marin, M.F.**, Pitman RK (2014). Stress and dementia. Alzheimers Dement. 10 3 Suppl: S155-65. [Pubmed](#)



2013

Lupien, S.J., Ouellet-Morin, I., *Trepanier, L., *Juster, R.P., *Marin, M.F., Francois, N., **Sindi, S., Wan, N., Findlay, H., Durand, N., Cooper, L., Schramek, T., Andrews, J., Corbo, V., Dedovic, K., Lai, B., et Plusquellec, P. (2013) The DeStress for Success Program: effects of a stress education program on cortisol levels and depressive symptomatology in adolescents making the transition to high school. *Neuroscience*. 249: 74-87. [Pubmed](#)

Vachon-Presseau, E., Roy, M., Martel, M.O., Caron, E., Marin, M.F., Chen, J., Albouy, G., Plante, I., Sullivan, M.J., Lupien, S.J., et Rainville, P. (2013) The stress model of chronic pain: evidence from basal cortisol and hippocampal structure and function in humans. *Brain*. 136 Pt 3: 815-827. [Pubmed](#)

Vachon-Presseau, E., Martel, M.O., Roy, M., Caron, E., Albouy, G., Marin, M.F., Plante, I., Sullivan, M.J., Lupien, S.J., et Rainville, P. (2013) Acute stress contributes to individual differences in pain and pain-related brain activity in healthy and chronic pain patients. *The Journal of Neuroscience : the official journal of the Society for Neuroscience*. 33 16: 6826-6833. [Pubmed](#)

Van Ast V, Cornelisse S, Marin, M.F., Ackermann S, Garfinkel S, Abercrombie HC (2013). Modulatory mechanisms of cortisol effects on emotional learning and memory: novel perspectives. *Psychoneuroendocrinology*. 38 9: 1874-1882. [Pubmed](#)

*Trepanier, L., *Juster, R.P., *Marin, M.F., Plusquellec, P., Francois, N., **Sindi, S., Wan, N., Findlay, H., Schramek, T., Andrews, J., Corbo, V., Dedovic, K., et Lupien, S. (2013) Early menarche predicts increased depressive symptoms and cortisol levels in Quebec girls ages 11 to 13. *Development and psychopathology*. 25 4 Pt 1: 1017-1027. [Pubmed](#)

2012

*Juster, R.P., Perna, A., *Marin, M.F., **Sindi, S., et Lupien, S.J. (2012) Timing is everything: anticipatory stress dynamics among cortisol and blood pressure reactivity and recovery in healthy adults. *Stress*. 15 6: 569-577. [Pubmed](#)

Marin, M.F., Morin-Major, J.K., Schramek, T.E., Beaupre, A., Perna, A., Juster, R.P., et Lupien, S.J. (2012) There is no news like bad news: women are more remembering and stress reactive after reading real negative news than men. *PLoS One*. 7 10: e47189. [Pubmed](#)

2011

*Juster, R.P., *Sindi, S., *Marin, M.F., Perna, A., Hashemi, A., Pruessner, J.C., et Lupien, S.J. (2011) A clinical allostatic load index is associated with burnout symptoms and hypocortisolemic profiles in healthy workers. *Psychoneuroendocrinology*. 36 6: 797-805. [Pubmed](#)



Publications Marie-France Marin

*Juster, R.P., *Marin, M.F., *Sindi, S., Nair, N.P., Ng, Y.K., Pruessner, J.C., et Lupien, S.J. (2011) Allostatic load associations to acute, 3-year and 6-year prospective depressive symptoms in healthy older adults. *Physiology & behavior*. 104 2: 360-364. [Pubmed](#)

*Juster, R.P., Bizik, G., Picard, M., Arsenault-Lapierre, G., *Sindi, S., Trepanier, L., *Marin, M.F., Wan, N., Sekerovic, Z., Lord, C., Fiocco, A.J., Plusquellec, P., McEwen, B.S., et Lupien, S.J. (2011) A transdisciplinary perspective of chronic stress in relation to psychopathology throughout life span development. *Development and psychopathology*. 23 3: 725-776. [Pubmed](#)

de Souza-Talarico, J.N., *Marin, M.F., *Sindi, S., et Lupien, S.J. (2011) Effects of stress hormones on the brain and cognition: Evidence from normal to pathological aging. *Dementia & Neuropsychologia*. 5 1: 8-16. [Pubmed](#)

*Marin, M.F., Hupbach, A., Maheu, F.S., Nader, K., et Lupien, S.J. (2011) Metyrapone administration reduces the strength of an emotional memory trace in a long-lasting manner. *The Journal of clinical endocrinology and metabolism*. 96 8: E1221-1227. [Pubmed](#)

*Marin, M.F., Lord, C., Andrews, J., *Juster, R.P., *Sindi, S., *Arsenault-Lapierre, G., Fiocco, A.J., et Lupien, S.J. (2011) Chronic stress, cognitive functioning and mental health. *Neurobiology of Learning and Memory*. 96 4: 583-595. [Pubmed](#)

2010

Pilgrim, K., *Marin, M.F., et Lupien, S.J. (2010) Attentional orienting toward social stress stimuli predicts increased cortisol responsivity to psychosocial stress irrespective of the early socioeconomic status. *Psychoneuroendocrinology*. 35 4: 588-595. [Pubmed](#)

*Marin, M.F., Pilgrim, K., et Lupien, S.J. (2010) Modulatory effects of stress on reactivated emotional memories. *Psychoneuroendocrinology*. 35 9: 1388-1396. [Pubmed](#)