



**2022**

**Lupien, S.J.**, Leclaire, S., Majeur, D., Raymond, C., Jean Baptiste, F., et Giguère, C.E. (2022) 'Doctor, I am so stressed out!' A descriptive study of biological, psychological, and socioemotional markers of stress in individuals who self-identify as being 'very stressed out' or 'zen'. *Neurobiology of stress*. 18: 100454. [Pubmed](#)

Marie, R., \*Journault, A.A., \*Cernik, R., Welch, P., **Lupien, S.**, McDermott, B., Moxon, J.V., et Sarnyai, Z. (2022) A Cross-Sectional Study Investigating Canadian and Australian Adolescents' Perceived Experiences of COVID-19: Gender Differences and Mental Health Implications. *International Journal of Environmental Research and Public Health*. 19 7. [Pubmed](#)

Leblond, M., Parent, S., Castellanos-Ryan, N., **Lupien, S.J.**, Fraser, W.D., et Séguin, J.R. (2022 epub ahead of print) Transition from preschool to school: Children's pattern of change in morning cortisol concentrations. *Psychoneuroendocrinology*. 140: 105724. [Pubmed](#)

\*Jacmin-Park, S., \*Rossi, M., \*Dumont, L., **Lupien, S.J.**, et Juster, R.P. (2022 epub ahead of print) Mental Health and Social Support of Sexual and Gender Diverse People from Québec, Canada During the COVID-19 Crisis. *LGBT Health*. [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](#)

**2021**

Pagé, M.G., Dassieu, L., Develay, É., Roy, M., Vachon-Pressseau, É., **Lupien, S.**, et Rainville, P. (2021) Stress and Pain Before, During and After the First Wave of the COVID-19 Pandemic: An Exploratory Longitudinal Mixed Methods Study. *Frontiers in Pain Research (Lausanne)*. 2: 725893. [Pubmed](#)

Paré-Ruel, M.P., Brendgen, M., Ouellet-Morin, I., **Lupien, S. J.**, Vitaro, F., Dionne, G., et Boivin, M. (2021) Unique and interactive associations of proactive and reactive aggression with cortisol secretion. *Hormones and behavior*. 137: 105100. [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](#)

\*Cantave, C.Y., Brendgen, M., Paquin, S., **Lupien, S.**, Dionne, G., Vitaro, F., Boivin, M., et Ouellet-Morin, I. (2021 epub ahead of print) The phenotypic associations and gene-environment underpinnings of socioeconomic status and diurnal cortisol secretion in adolescence. *Development and psychopathology*. 26: 1-11. [Pubmed](#)

Geoffrion, S., \*Nolet, K., Giguère, C.É., Lecomte, T., Potvin, S., **Lupien, S. J.**, et Marin, M.F. (2021 epub ahead of print) Psychosocial Profiles of Patients Admitted to Psychiatric Emergency Services: Results from the Signature Biobank Project. *Canadian Journal of Psychiatry*. 7067437211018793. [Pubmed](#)



Rioux, C., Parent, S., Castellanos-Ryan, N., Archambault, I., Boivin, M., Herba, C.M., **Lupien, S.J.**, Marc, I., Muckle, G., Fraser, W.D., et Séguin, J.R. (2021) epub ahead of print) The 3D-Transition Study: Objectives, Methods, and Implementation of an Innovative Planned Missing Data Design. *American Journal of Epidemiology*. [Pubmed](#)

\*Beauchamp-Kerr, P., Barbosa Da Torre, M., Giguère, C.E., **Lupien, S.J.**, et Juster, R.P. (2021) Occupational gender roles in relation to workplace stress, allostatic load, and mental health of psychiatric hospital workers. *Journal of psychosomatic research*. 142: 110352. [Pubmed](#)

Ouellet-Morin, I., Cantave, C., **Lupien, S.**, Geoffroy, M.C., Brendgen, M., Vitaro, F., Tremblay, R., Boivin, M., et Côté, S. (2021) Cumulative exposure to socioeconomic and psychosocial adversity and hair cortisol concentration: A longitudinal study from 5 months to 17 years of age. *Psychoneuroendocrinology*. 126: 105153. [Pubmed](#)

\*Raymond, C., Marin, M.F., Wolosianski, V., \*Journault, A.A., \*Longpré, C., Leclaire, S., Cernik, R., Juster, R.P., et **Lupien, S.J.** (2021) Early childhood adversity and HPA axis activity in adulthood: The importance of considering minimal age at exposure. *Psychoneuroendocrinology*. 124: 105042. [Pubmed](#)

\*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](#)

## 2020

Mathieu, C.A., Plusquellec, P., Giguère, C.-É., **Lupien, S.**, et Geoffrion, S. (2020) Acute and chronic stress among workers in residential treatment centers for youth: Effects on restraint and seclusion. *Children and Youth Services Review*. 118: 105411. [Abstract](#)

**Lupien, S.J.**, Roy, D.C., \*Raymond, C., \*Leclaire, S., Wan, N., Labelle, R., Giguère, C., et Ouellet-Morin, I. (2020) Stigma associated with parental depression or cancer: Impact on spouse and offspring's cortisol levels and socioemotional functioning. *Development and psychopathology*. 32 5: 1822-1837. [Pubmed](#)

Pagé, M.G., Dassieu, L., Develay, E., Roy, M., Vachon-Preseau, E., **Lupien, S.J.**, et Rainville Ph, D.P. (2020) The Stressful Characteristics of Pain That Drive You NUTS: A Qualitative Exploration of a Stress Model to Understand the Chronic Pain Experience. *Pain Medicine*. [Pubmed](#)

Phillips, R., Kraeuter, A.K., McDermott, B., **Lupien, S.J.**, et Sarnyai, Z. (2020) epub ahead of print) Human nail cortisol as a retrospective biomarker of chronic stress: A systematic review. *Psychoneuroendocrinology*. 123: 104903. [Pubmed](#)

Beauchamp, M.H., Dégeilh, F., Yeates, K., Gagnon, I., Tang, K., Gravel, J., Stang, A., Burstein, B., Bernier, A., Lebel, C., El Jalbout, R., **Lupien, S.J.**, de Beaumont, L., Zemek, R., Dehaes, M., Deschênes, S., et Project, P.K. (2020) Kids' Outcomes And Long-term Abilities (KOALA): protocol for a prospective, longitudinal cohort study of mild traumatic brain injury in children 6 months to 6 years of age. *BMJ Open*. 10 10: e040603. [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](#)

Dantzer, R., Heuser, I., et **Lupien, S.** (2020 epub) Covid-19: An Urgent Need For A Psychoneuroendocrine Perspective. *Psychoneuroendocrinology*. 116: 104703. [Pubmed](#)

\*Majeur, D., \*Leclaire, S., \*Raymond, C., Léger, P.M., Juster, R.P., et **Lupien, S.J.** (2020) Mobile Phone Use in Young Adults Who Self-Identify as Being 'Very Stressed Out' or 'Zen' : An Exploratory Study. *Stress Health*. 36 5: 606-614. [Abstract](#)

Hill, M.N., Karatsoreos, I.N., de Kloet, E.R., **Lupien, S.J.**, et Woolley, C.S. (2020) In memory of Bruce McEwen: a gentle giant of neuroscience. *Nature neuroscience*. 23 4: 473-474. [Abstract](#)

Ouellet-Morin, I., \*Cantave, C., Paquin, S., Geoffroy, M.C., Brendgen, M., Vitaro, F., Tremblay, R., Boivin, M., **Lupien, S.J.**, et Cote, S. (2020 epub ahead of print) Associations between developmental trajectories of peer victimization, hair cortisol, and depressive symptoms: a longitudinal study. *Journal of child psychology and psychiatry, and allied disciplines*. [Pubmed](#)

\*Kerr, P., **Lupien, S.J.**, et Juster, R.P. (2020 epub ahead of print) Rx risk or resistance? Psychotropic medication use in relation to physiological and psychosocial functioning of psychiatric hospital workers. *Psychoneuroendocrinology*. 115: 104634. [Pubmed](#)

de Souza-Talarico, J.N., Alves, A.R., Brucki, S.M.D., Nitrini, R., **Lupien, S.J.**, et Suchecki, D. (2020) Cortisol reactivity to a psychosocial stressor significantly increases the risk of developing Cognitive Impairment no Dementia five years later. *Psychoneuroendocrinology*. 115: 104601. [Pubmed](#)

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

Beauchamp-Kerr, P., Barbosa Da Torre, M., Giguère, C.-É., **Lupien, S.J.**, et Juster, R.P. (2020) Occupational gender-roles in relation to allostatic load, workplace stress and mental health of psychiatric hospital workers. *International Society of Psychoneuroendocrinology (ISPNE)*. Aug 27-29, 119 104975. [Conference proceeding](#)

## 2019

Fiocco, A.J., D'Amico, D., de Beaumont, L., Poirier, J., et **Lupien, S.J.** (2019) Association between BDNF Polymorphism and Hypothalamic-Pituitary-Adrenal Activity in Later Adulthood. *Gerontology*. 1-7. [Pubmed](#)



Schoemaker, D., Buss, C., Pietrantonio, S., Maunder, L., Freiesleben, S.D., Hartmann, J., Collins, D.L., **Lupien, S.J.**, et Pruessner, J.C. (2019) The hippocampal-to-ventricle ratio (HVR): Presentation of a manual segmentation protocol and preliminary evidence. *Neuroimage*. 116108. [Pubmed](#)

Thebault-Dagher, F., Lafontaine, M.P., Knoth, I.S., Deguire, F., Sheppard, E., Cook, R., Lagace, M., Gravel, J., **Lupien, S.J.**, et Lippe, S. (2019) Febrile seizures and increased stress sensitivity in children: How it relates to seizure characteristics. *Epilepsy & Behavior*. 95: 154-160. [Pubmed](#)

Rincon-Cortes, M., Herman, J.P., **Lupien, S.J.**, Maguire, J., et Shansky, R.M. (2019) Stress: Influence of sex, reproductive status and gender. *Neurobiology of stress*. 10: 100155. [Pubmed](#)

Parent, S., **Lupien, S.J.**, Herba, C.M., Dupere, V., Gunnar, M.R., et Seguin, J.R. (2019) Children's cortisol response to the transition from preschool to formal schooling: A review. *Psychoneuroendocrinology*. 99: 196-205. [Pubmed](#)

Deguire, F., Thebault-Dagher, F., Barlaam, F., Cote, V., Knoth, I.S., Lafontaine, M.P., **Lupien, S.J.**, et Lippe, S. (2019) The relationship between acute stress and EEG repetition suppression in infants. *Psychoneuroendocrinology*. 104: 203-209. [Pubmed](#)

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](#)

\*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](#)

\*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](#)

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](#)

\*Cantave, C.Y., \*Langevin, S., Marin, M. F., Brendgen, M., **Lupien, S.J.**, 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](#)

Ouellet-Morin, I., Robitaille, M.P., Langevin, S., Cantave, C., Brendgen, M., et **Lupien, S.J.** (2019) Enduring effect of childhood maltreatment on cortisol and heart rate responses to stress: The moderating role of severity of experiences. *Development and psychopathology*. 31 2: 497-508. [Pubmed](#)



\*Raymond, C., Wolosianski, V., Longpre, C., \*Leclaire, S., et **Lupien, S.J.** (2019) Timing of exposure to early adversity and physiological stress in adulthood: The importance of considering brain development phases. *Psychoneuroendocrinology*. 49th Annual Conference of the International Society of Psychoneuroendocrinology "50 Years of Psychoneuroendocrinology - Returning to Where It All Began. Italy, September, 107 (Supplement) 59. [Conference proceeding](#)

Phillips, R., Kraeuter, A.K., McDermott, B., **Lupien, S.J.**, et Sarnyai, Z. (2019) **Human Nail Cortisol** as a Retrospective Biomarker of Chronic Stress: A Systematic Review. *Psychoneuroendocrinology*. 49th Annual Conference of the International Society of Psychoneuroendocrinology "50 Years of Psychoneuroendocrinology - Returning to Where It All Began. Italy, September, 107 (Supplement) 23 [Conference proceeding](#)

Journault, A.A., Longpre, C., Charbonneau, S., Dumont, L., et **Lupien, S.J.** (2019) Differences in anxiety levels between adolescents attending private and public schools. *Psychoneuroendocrinology*. 107 (Supplement): 27. [Conference proceeding](#)

Meier, M., **Lupien, S.J.**, Pruessner, J.C., Unternaehrer, E., et Juster, R.P. (2019) Linking energy metabolism to hypothalamic–pituitary–adrenal functioning – Comparing different plausible mediation models. 49th Annual Conference of the International Society of Psychoneuroendocrinology "50 Years of Psychoneuroendocrinology - Returning to Where It All Began" Milan. August 29–31, 107 suppl. 31. [Conference proceeding](#)

## **2018**

Mountcastle, H.D., Park, S.H., Al-Ajlouni, Y.A., Goedel, W.C., Cook, S., **Lupien, S.J.**, Obasi, E.M., Hale, L., Jean-Louis, G., Redline, S., et Duncan, D.T. (2018) Stress levels are associated with poor sleep health among sexual minority men in Paris, France. *Sleep Health*. 4 5: 436-441. [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. *Progress in neuro-psychopharmacology & biological 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](#)

Mandel, T., Dunkley, D.M., Lewkowski, M., Zuroff, D.C., **Lupien, S.J.**, Juster, R.P., Ng Ying Kin, N.M.K., Foley, J.E., Myhr, G., et Westreich, R. (2018) Self-critical perfectionism and depression maintenance over one year: The moderating roles of daily stress-sadness reactivity and the cortisol awakening response. *Journal of counseling psychology*. 65 3: 334-345. [Pubmed](#)

Ouellet-Morin, I., \*Robitaille, M.P., \*Langevin, S., \*Cantave, C., Brendgen, M., et **Lupien, S.J.** (2018) Enduring effect of childhood maltreatment on cortisol and heart rate responses to stress: The moderating role of severity of experiences. *Development and psychopathology*. 1-12. [Pubmed](#)





Ngueta, G., Verner, M.A., Fiocco, A.J., **Lupien, S.J.**, et Plusquellec, P. (2018) Blood lead levels and hypothalamic-pituitary-adrenal function in middle-aged individuals. *Environmental research*. 160: 554-561. [Pubmed](#)

Pruessner, J.C., **Lupien, S.J.**, et Juster, R.P. (2018) Sexual orientation moderates the association between parental overprotection and stress biomarker profiles AU - Cook, Stephanie H. *Psychology & Sexuality*. 9 3: 204-220. [Abstract](#)

Juster, R.P., Sasseville, M., Giguère, C.E., Consortium, S., et **Lupien, S.J.** (2018) Elevated allostatic load in individuals presenting at psychiatric emergency services. *Journal of psychosomatic research*. 115: 101-109. [Pubmed](#)

## 2017

\*Sindi, S., Rosenberg, A., Juster, R.-P., et **Lupien, S.J.** (2017) 4.16 - Aging and Alzheimer's Disease A2 - Pfaff, Donald W, in *Hormones, Brain and Behavior* (Third Edition), M. Joëls, Editor Academic Press: Oxford. p. 311-340. [Book section](#)

Thebault-Dagher, F., Herba, C.M., Seguin, J.R., Muckle, G., **Lupien, S.J.**, Carmant, L., Simard, M.N., Shapiro, G.D., Fraser, W.D., et Lippe, S. (2017) Age at first febrile seizure correlates with perinatal maternal emotional symptoms. *Epilepsy Res*. 135: 95-101. [Pubmed](#)

**Lupien, S.J.**, Sasseville, M., François, N., Giguère, C. E., Boissonneault, J., Plusquellec, P., Godbout, R., Xiong, L., Potvin, S., Kouassi, E., Lesage, A. (2017). The DSM5/RDoC debate on the future of mental health research: Implication for studies on human stress and presentation of the signature bank. *Stress: The International Journal on the Biology of Stress*, 20(1), 95-111. [Pubmed](#)

Souza-Talarico, J. N., Marcourakis, T., Barbosa, F., Jr., Moraes Barros, S. B., Rivelli, D. P., Pompeia, S., Caramelli, P., Plusquellec, P., **Lupien, S.J.**, Catucci, R. F., Alves, A. R., Suchecki, D. (2017). Association between heavy metal exposure and poor working memory and possible mediation effect of antioxidant defenses during aging. *Science of the Total Environment*. 575: 750-757. [Pubmed](#)

Brendgen, M., Ouellet-Morin, I., **Lupien, S.J.**, Vitaro, F., Dionne, G., & \*Boivin, M. (2017). Environmental influence of problematic social relationships on adolescents' daily cortisol secretion: a monozygotic twin-difference study. *Psychological Medicine*. 47 3: 460-470. [Pubmed](#)

Souza-Talarico, J.N., Suchecki, D., \*Juster, R.P., Plusquellec, P., Barbosa Junior, F., Bunscheit, V., Marcourakis, T., de Matos, T.M., et **Lupien, S.J.** (2017) Lead exposure is related to hypercortisolemic profiles and allostatic load in Brazilian older adults. *Environ Res*. 154: 261-268. [Pubmed](#)

Brendgen, M., Ouellet-Morin, I., **Lupien, S.**, Vitaro, F., Dionne, G., et Boivin, M. (2017) Does cortisol moderate the environmental association between peer victimization and depression symptoms? A genetically informed twin study. *Psychoneuroendocrinology*. 84: 42-50. [Pubmed](#)



**2016**

**Lupien, S.J.**, Ouellet-Morin, I., Herba, C., Juster, R., et McEwen, B. (2016) From Vulnerability to Neurotoxicity: A Developmental Approach to the Effects of Stress on Brain and Behavior, in Epigenetics and Neuroendocrinology, Clinical Focus on Psychiatry - Series on Epigenetics and Human Health, a.B.E.E. In Spengler D, Editor: Germany: Springer. p. 3-48. [Book section](#)

Lavoie, M.E., \*Sauvé, G., \*Morand-Beaulieu, S., Luck, D., Stip, E., Marin, M.-F., et **Lupien, S.J.** (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](#)

Juster, R. P., Almeida, D., Cardoso, C., Raymond, C., Johnson, P. J., Pfaus, J. G., Mendrek, A., Duchesne, A., Pruessner, J. C., **Lupien, S.J.** (2016). Gonads and strife: Sex hormones vary according to sexual orientation for women and stress indices for both sexes. *Psychoneuroendocrinology*, 72, 119-130. [Pubmed](#)

Juster, R. P., Pruessner, J. C., Desrochers, A. B., Bourdon, O., Durand, N., Wan, N., Tourjman, V., Kouassi, E., Lesage, A. **Lupien, S.J.** (2016). Sex and Gender Roles in Relation to Mental Health and Allostatic Load. *Psychological medicine*. 78 7: 788-804. [Pubmed](#)

Huang, V., Peck, K., Mallya, S., **Lupien, S.J.**, & Fiocco, A. J. (2016). Subjective Sleep Quality as a Possible Mediator in the Relationship between Personality Traits and Depressive Symptoms in Middle-Aged Adults. *PLoS One*. 11 6: e0157238. [Pubmed](#)

Souza-Talarico, J. N., Wan, N., Santos, S., Fialho, P. P., Chaves, E. C., Caramelli, P., Bianchi, E. F., Santos, A. T., **Lupien, S.J.** (2016). Cross-country discrepancies on public understanding of stress concepts: evidence for stress-management psychoeducational programs. *BMC Psychiatry*. 16 1: 181. [Pubmed](#)

Ouellet-Morin, I., Laurin, M., Robitaille, M. P., Brendgen, M., **Lupien, S.J.**, Boivin, M., & Vitaro, F. (2016). Validation of an adapted procedure to collect hair for cortisol determination in adolescents. *Psychoneuroendocrinology*. 70: 58-62. [Pubmed](#)

Marchand, A., Juster, R. P., **Lupien, S.J.**, & Durand, P. (2016). Psychosocial determinants of diurnal alpha-amylase among healthy Quebec workers. *Psychoneuroendocrinology*, 66, 65-74. [Pubmed](#)

Ouellet-Morin, I., Brendgen, M., Girard, A., **Lupien, S.J.**, Dionne, G., Vitaro, F., & Boivin, M. (2016). Evidence of a unique and common genetic etiology between the CAR and the remaining part of the diurnal cycle: A study of 14 year-old twins. *Psychoneuroendocrinology*. 66: 91-100. [Pubmed](#)

\*Raymond, C., \*Marin, M. F., Hand, A., \*Sindi, S., \*Juster, R. P., & **Lupien, S.J.** (2016). Salivary Cortisol Levels and Depressive Symptomatology in Consumers and Nonconsumers of Self-Help Books: A Pilot Study. *Neural Plasticity* 2016:3136743. [Pubmed](#)



Stalder, T., Kirschbaum, C., Kudielka, B. M., Adam, E. K., Pruessner, J. C., Wust, S., Dockray, S., Smyth, N., Evans, P., Hellhammer, D. H., Miller, R., Wetherell, M. A., **Lupien, S.J.**, Clow, A. (2016). Assessment of the cortisol awakening response: Expert consensus guidelines. *Psychoneuroendocrinology*, 63, 414-432. [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*. 63: 238-246. [Pubmed](#)

Juster, R.P., Ouellet, E., Lefebvre-Louis, J.P., \*Sindi, S., Johnson, P.J., Smith, N.G., et **Lupien, S.J.** (2016) Retrospective coping strategies during sexual identity formation and current biopsychosocial stress. *Anxiety Stress Coping*. 29 2: 119-138. [Pubmed](#)

Juster, R.P., Raymond, C., Desrochers, A.B., Bourdon, O., Durand, N., Wan, N., Pruessner, J.C., et **Lupien, S.J.** (2016) Sex hormones adjust "sex-specific" reactive and diurnal cortisol profiles. *Psychoneuroendocrinology*. 63: 282-290. [Pubmed](#)

Plusquellec, P., Massé, S., Fouda, Y., Gaumont, C., Bujoli, B., Reyburn, G., Wan, N., et **Lupien, S.J.** (2016) An Uncontrolled Pilot Study Examining Changes In Physiological and Psychological Outcomes among Adolescents with High-Risk of Behavioral Disorders Following the Destress For Success Program. *The International Journal of Environmental Research and Public Health*. 3: 79-92. [Abstract](#)

Marchand, A., Juster, R.P., Durand, P., et **Lupien, S.J.** (2016) Work stress models and diurnal cortisol variations: The SALVEO study. *Journal of occupational rehabilitation*. 21 2: 182-193. [Pubmed](#)

Guay, S., Marchand, A., Beaulieu-Prévost, D., Bilodeau, H., Bouchard, S., \*Boyer, R., \*Drapeau, A., et \***Lupien, S.** (2016) Outil Web interactif de sensibilisation sur la violence au travail vécue par les femmes et les hommes : Rapport d'une recherche subventionnée par les IRSC Institut universitaire en santé mentale Montréal, Québec

Juster, R.P., Seeman, T., McEwen, B.S., Picard, M., Mahar, I., \*Sindi, S., Smith, N.G., Souza-Talarico, J.N., Mechawar, N., Sarnyai, Z., Lanoix, D., Plusquellec, P., Ouellet-Morin, I., et **Lupien, S.J.** (2016) Social Inequalities and the Road to Allostatic Load: From Vulnerability to Resilience, in *Developmental Psychopathology*, I. John Wiley & Sons, Editor. p. 1-54. [Pubmed](#)

## **2015**

**Lupien, S.J.** (2015). L'histoire de la science du stress : de Hans Selye à la découverte des anti-inflammatoires. *Santé mentale au Québec*. 40 2: 275-286. [Pubmed](#)

\*Juster, R. P., Pruessner, J. C., & **Lupien, S.J.** (2015). Diurnal and stress reactive cortisol profiles are altered when adjusting for sex hormones. *Psychoneuroendocrinology*, 61, 69. [Pubmed](#)

\*Raymond, C., Durand, N., & **Lupien, S.** (2015). Parental depression but not parental cancer is associated with high cortisol levels in adolescent males. *Psychoneuroendocrinology*, 61, 40. [Pubmed](#)





Olivera-Figueroa, L. A., \*Juster, R. P., Morin-Major, J. K., \*Marin, M. F., & **Lupien, S.J.** (2015) A time to be stressed? Time perspectives and cortisol dynamics among healthy adults. *Biological Psychology*. 111: 90-99. [Pubmed](#)

Plusquellec, P., Trépanier, L., Juster, R.P., Marin, M. F, François, N., \*Sindi, S., Wan, N., Findlay, H., Durand, N., et **Lupien, S.J.** (2015) Étude pilote des effets du programme Détresse et Progrès chez les élèves de dernière année du primaire. Numéro spécial de l'association canadienne d'éducation de la langue française (ACELF). 43 2: 6-29. [Abstract](#)

Juster, R.P., Hatzenbuehler, M.L., Mendrek, A., Pfaus, J.G., Smith, N.G., Johnson, P.J., Lefebvre-Louis, J.P., Raymond, C., Marin, M. F, \*Sindi, S., **Lupien, S.J.**, et Pruessner, J.C. (2015) Sexual Orientation Modulates Endocrine Stress Reactivity. *Biol Psychiatry*. 77 7: 668-676. [Pubmed](#)

Lavoie, M.E., Sauv e, G., Morand-Beaulieu, S., Luck, D., Stip, E., Marin, M.-F., et **Lupien, S.J.** (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**

**Lupien, S.J.** (2014). The Double-Hit Effect of Childhood Maltreatment on Drug Relapse. *Journal of the American Medical Association Psychiatry*. 8: 871-872. [Pubmed](#)

Marchand, A., Durand, P., \*Juster, R.P., et **Lupien, S.J.** (2014) Workers' psychological distress, depression, and burnout symptoms: associations with diurnal cortisol profiles. *Scandinavian journal of work, environment & health*. 40 3: 305-314. [Pubmed](#)

Marchand, A., \*Juster, R. P., Durand, P., & **Lupien, S.J.** (2014). Burnout symptom subtypes and cortisol profiles: What's burning most? *Psychoneuroendocrinology*. 40: 27-36. [Pubmed](#)

\*Sindi, S., Fiocco, A. J., \*Juster, R. P., Lord, C., Pruessner, J., & **Lupien, S.J.** (2014). Now you see it, now you don't: Testing environments modulate the association between hippocampal volume and cortisol levels in young and older adults. *Hippocampus*. 24 12: 1623-1632. [Pubmed](#)

Souza-Talarico, J. N., Plusquellec, P., **Lupien, S.J.**, Fiocco, A., & Suchecki, D. (2014). Cross-country differences in Basal and stress-induced cortisol secretion in older adults. *PLoS One*. 9 8: e105968. [Pubmed](#)

#### **2013**

De Beaumont, L., Fiocco, A. J., Quesnel, G., **Lupien, S.**, & Poirier, J. (2013). Altered declarative memory in introverted middle-aged adults carrying the BDNF val66met allele. *Behavioural Brain Research*. 253 152-156. [Pubmed](#)



Pelletier, J. F., Rowe, M., Francois, N., Bordeleau, J., & **Lupien, S.** (2013). No personalization without participation: on the active contribution of psychiatric patients to the development of a mobile application for mental health. *BMC Med Inform Decis Mak.* 13: 78. [Pubmed](#)

Bizik, G., Picard, M., Nijjar, R., Tourjman, V., McEwen, B. S., **Lupien, S.J.**, & \*Juster, R. P. (2013). Allostatic load as a tool for monitoring physiological dysregulations and comorbidities in patients with severe mental illnesses. *Harvard Review of Psychiatry.* 21 6: 296-313. [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., **Lupien, S.** (2013). Early menarche predicts increased depressive symptoms and cortisol levels in Quebec girls ages 11 to 13. *Development and Psychopathology.* 25: 1017-1027. [Pubmed](#)

Franz, C. E., Spoon, K., Thompson, W., Hauger, R. L., Hellhammer, D. H., Jacobson, K. C., **Lupien, S.**, Lyons, M. J., McCaffery, J., McKenzie, R., Mendoza, S. P., Panizzon, M. S., Ramundo, A., Shahroudi, A., Kremen, W. S. (2013). Adult cognitive ability and socioeconomic status as mediators of the effects of childhood disadvantage on salivary cortisol in aging adults. *Psychoneuroendocrinology.* 38 10: 2127-2139. [Pubmed](#)

Vachon-Preseu, E., Martel, M. O., Roy, M., Caron, E., Albouy, G., \*Marin, M. F., Plante, I., Sullivan, M. J., **Lupien, S.J.**, Rainville, P. (2013). Acute Stress Contributes to Individual Differences in Pain and Pain-Related Brain Activity in Healthy and Chronic Pain Patients. *Journal of Neuroscience.* 33 16: 6826-6833. [Pubmed](#)

**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., 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 Special Issue on : Stress and the Adolescent Brain: 74-87. [Pubmed](#)

Vachon-Preseu, E., Roy, M., Martel, M. O., Caron, E., \*Marin, M. F., Chen, J., Albouy, G., Plante, I., Sullivan, M. J., **Lupien, S.J.**, 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](#)

\*Juster, R. P., Smith, N. G., Ouellet, E., \*Sindi, S., & **Lupien, S.J.** (2013). Sexual orientation and disclosure in relation to psychiatric symptoms, diurnal cortisol, and allostatic load, in *Psychosom Med.* p. 103-116. [Pubmed](#)

\*Sindi, S., Fiocco, A. J., \*Juster, R. P., Pruessner, J., & **Lupien, S.J.** (2013). When we test, do we stress? Impact of the testing environment on cortisol secretion and memory performance in older adults. *Psychoneuroendocrinology.* 38 8: 1388-1396. [Pubmed](#)

Marchand, A., Durand, P., et Lupien, S.J. (2013) Work hours and cortisol variation from non-working to working days. *International archives of occupational and environmental health.* 86 5: 553-559. [Abstract](#)



**2012**

\*Juster, R. P., & **Lupien, S.** (2012). A Sex and Gender-Based Analysis of Allostatic Load and Physical Complaints. *Gend Med.* 9 6: 511-523. [Pubmed](#)

Arsenault-Lapierre, G., Whitehead, V., **Lupien, S.**, Chertkow, H. (2012). Effects of Anosognosia on Perceived Stress and Cortisol Levels in Alzheimer's Disease. *International Journal of Alzheimer's Disease.* 209570. [Pubmed](#)

\*Juster, R.P. et Lupien, S.J. (2012) What a Difference Sex and Gender Make: A Gender, Sex and Health Casebook, in *Sex and Gender Issues in Stress Research*, S. Coen, Editor CIHR: Ottawa, ON. p. 17-24. [Book section](#)

Kubarych, T., Prom-Wormley, E., Franz, C., Panizzon, M., Dale, A., Fischl, B., Eyler, L., Fennema-Notestine, C., Grant, M., Hauger, R., Hellhammer, D., Jak, A., Jernigan, T., **Lupien, S.**, Lyons, M., Mendoza, S., Neale, M., Seidman, L., Tsuang, M., Kremen, W. (2012). A multivariate twin study of hippocampal volume, self-esteem and well-being in middle-aged men. *Genes, Brain and Behavior.* 11 5: 539-544. [Abstract](#)

\*Marin, M. F., Morin-Major, J.K., Schramek, T. E., Beaupre, A., Perna, A., \*Juster, R. P., **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](#)

\*Juster, R. P., Perna, A., \*Marin, M. F., \*Sindi, S., **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](#)

\*Juster, R. P., Smith, N. G., Johnson, P. J., Lefebvre-Louis, J.-P., \*Marin, M. F., \*Sindi, S., Pruessner, J. C., **Lupien, S. J.** (2012). The effects of sexual orientation on stress reactive cortisol: are sexual minority women ruminative and men resilient? *European Journal of Psychotraumatology, Supplement 1, 3.* [Abstract](#)

\*Marin, M. F., \*Raymond, C., \*Morin-Major, J.-K., Hand, A., \*Juster, R. P., \*Sindi, S., **Lupien, S. J.** Tell me what you read and I will tell you if you are stressed: stress reactivity in consumers of self-help books. *European Journal of Psychotraumatology, Supplement 1, 3.* [Abstract](#)

Plusquellec, P., Fiocco, A., et **Lupien, S.J.** (2012) Low lead levels associated with blunted cortisol reactivity in a sample of elders from the general population. *European Journal of Psychotraumatology.* 3 Supplement 1. [Abstract](#)

**Lupien, S.J.**, Parent, S., Evans, A. C., Tremblay, R. E., Zelazo, P. D., Corbo, V., Pruessner, J. C., Seguin, J. R. (2012). Larger amygdala but no change in hippocampal volume in 10-year-old children exposed to maternal depressive symptomatology since birth. *Proceedings of the National Academy of Sciences.* 108 34: 14324-14329. [Pubmed](#)

\*Olivera, L., \*Marin, M.-F., et **Lupien, S.J.** (2012) Applications of memory to the real world: What emotions and stress have taught us about the nature of memory in everyday experiences. *Psychology of Memory.* 87-124. [Abstract](#)



\*Sindi, S., Fiocco, A., \*Juster, R.P., Ouellet-Morin, I.,\* Marin, M.F., Lord, C., Pruessner, J.C., et **Lupien, S.J.** (2012) Investigation of hippocampal volume and trauma symptoms in older and younger adults. International Society of Psychoneuroendocrinology. New York, NY, USA, 3. [Conference proceeding](#)

\*Sindi, S., \*Juster, R.P., Wan, N., Nair, N. P. V., Kin, N. Y., **Lupien, S.J.** (2012). Depressive Symptoms, Cortisol and Cognition During Human Aging: The Role of Negative Aging Perceptions. *Stress*. 15 2: 130-137. [Pubmed](#)

## 2011

Franz, C. E., O'Brien, R. C., Hauger, R. L., Mendoza, S. P., Panizzon, M. S., Prom-Wormley, E., Eaves, L. J., Jacobson, K., Lyons, M. J., **Lupien, S.**, Hellhammer, D., Xian, H., Kremen, W. S. (2011). Cross-sectional and 35-year longitudinal assessment of salivary cortisol and cognitive functioning: The Vietnam Era Twin Study of Aging. *Psychoneuroendocrinology*. 36 7: 1040-1052. [Pubmed](#)

Koenig, J. I., Walker, C. D., Romeo, R. D., & **Lupien, S.J.** (2011). Effects of stress across the lifespan. *Stress*. 14 5: 475-480. [Pubmed](#)

**Lupien, S.J.**, Parent, S., Evans, A. C., Tremblay, R. E., Zelazo, P. D., Corbo, V., Pruessner, J. C., Seguin, J. R. (2012). Larger amygdala but no change in hippocampal volume in 10-year-old children exposed to maternal depressive symptomatology since birth. *Proceedings of the National Academy of Sciences*. 108 34: 14324-14329. [Pubmed](#)

\*Marin, M. F., Hupbach, A., Maheu, F. S., Nader, K., & **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): 1221-1227. [Pubmed](#)

De Souza-Talarico, J. N., \*Marin, M.-F., \*Sindi, S., & **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. [Abstract](#)

Doane, L. D., Franz, C. E., Prom-Wormley, E., Eaves, L. J., Mendoza, S. P., Hellhammer, D. H., **Lupien, S.**, Xian, H., Lyons, M. J., Kremen, W., Jacobson, K. C. (2011). Negative emotionality, depressive symptoms and cortisol diurnal rhythms: Analysis of a community sample of middle-aged males. *Hormones and behavior*. 60 2: 202-209. [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., **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](#)

\*Juster, R. P., \*Marin, M. F., \*Sindi, S., Nair, N. P., Ng, Y. K., Pruessner, J. C., **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](#)

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



Plusquellec, P., Ouellet-Morin, I., Feng, B., Perusse, D., Tremblay, R. E., **Lupien, S.J.**, Boivin, M. (2011). Salivary cortisol levels are associated with resource control in a competitive situation in 19-month-old boys. *Hormones and behavior. Hormones and behavior.* 60 2: 159-164. [Pubmed](#)

Prom-Wormley, E. C., York, T. P., Jacobson, K. C., Eaves, L. J., Mendoza, S. P., Hellhammer, D., Maninger, N., Levine, S., **Lupien, S.**, Lyons, M. J., Hauger, R., Xian, H., Franz, C. E., Kremen, W. S. (2011). Genetic and environmental effects on diurnal dehydroepiandrosterone sulfate concentrations in middle-aged men. *Psychoneuroendocrinology.* 36 10: 1441-1452. [Pubmed](#)

\*Juster, R. P., \*Sindi, S., \*Marin, M. F., Perna, A., Hashemi, A., Pruessner, J. C., **Lupien, S.J.** (2011). A clinical allostatic load index is associated with burnout symptoms and hypocortisolemic profiles in healthy workers. *Psychoneuroendocrinology.* 36 10: 1441-1452. [Pubmed](#)

**Lupien, S.J.** (2011) Cortisol level reveals burnout. *Trac-Trends in Analytical Chemistry.* 30 4: IV-V. [Abstract](#)

\*Sindi, S., \*Juster, R. P., Lord, C., Pruessner, J., **Lupien, S.** (2011) Stressful and non-stressful testing environments in relation to hippocampal volume, stress hormone levels, and memory performance among young and older adults. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 7(4), S425. [Abstract](#)

\* Marin, M. F et **Lupien, S.J.** (2011) Stress and Glucocorticoid Effects on Learning and Memory: Human Studies, in *The Handbook of Stress: Neurological Effects on the Brain*, C.D. Conrad, Editor Blackwell Publishing Ltd. p. 248-265. [Book section](#)

## **2010**

\*Juster, R. P., McEwen, B. S., & **Lupien, S.J.** (2010). Allostatic load biomarkers of chronic stress and impact on health and cognition. *Neuroscience and biobehavioral reviews.* 35 1: 2-16. [Pubmed](#)

Ouellet-Morin, I., Dionne, G., **Lupien, S.J.**, Muckle, G., Cote, S., Perusse, D., Tremblay, R.E., Boivin, M. (2010). Prenatal alcohol exposure and cortisol activity in 19-month-old toddlers: an investigation of the moderating effects of sex and testosterone. *Psychopharmacology.* 214 1: 297-307. [Pubmed](#)

Lord, C., Engert, V., **Lupien, S.J.**, & Pruessner, J. C. (2010). Effect of sex and estrogen therapy on the aging brain: a voxel-based morphometry study. *Menopause: The Journal of The North American Menopause Society.* 17 4: 846-851. [Pubmed](#)

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

Arsenault-Lapierre, G., Chertkow, H., & **Lupien, S.** (2010). Seasonal effects on cortisol secretion in normal aging, mild cognitive impairment and Alzheimer's disease. *Neurobiology of Aging.* 31 6: 1051-1054. [Pubmed](#)





Franz, C. E., York, T. P., Eaves, L. J., Mendoza, S. P., Hauger, R. L., Hellhammer, D. H., **Lupien, S.J.**, et al. (2010). Genetic and Environmental Influences on Cortisol Regulation Across Days and Contexts in Middle-Aged Men. *Behavior Genetics*. 40 4: 467-479. [Pubmed](#)

Therrien, F., Drapeau, V., Lalonde, J., **Lupien, S.J.**, Beaulieu, S., Dore, J., et al. (2010). Cortisol response to the Trier Social Stress Test in obese and reduced obese individuals. *Biological Psychology*. 84 2: 325-329. [Pubmed](#)

Wadiwalla, M., Andrews, J., Lai, B., Buss, C., **Lupien, S.J.**, & Pruessner, J. C. (2010). Effects of manipulating the amount of social-evaluative threat on the cortisol stress response in young healthy women. *Stress (Amsterdam, Netherlands)*. 13 3: 214-220. [Pubmed](#)

Doane, L. D., Kremen, W. S., Eaves, L. J., Eisen, S. A., Hauger, R., Hellhammer, D., **Lupien, S.J.**, et al. (2010) Associations between jet lag and cortisol diurnal rhythms after domestic travel. *Health psychology: Official journal of the Division of Health Psychology, American Psychological Association*. 29 2: 117-123. [Pubmed](#)

Kremen, W. S., O'Brien, R. C., Panizzon, M. S., Prom-Wormley, E., Eaves, L. J., Eisen, S. A., **Lupien S.J.**, et al. (2010) Salivary cortisol and prefrontal cortical thickness in middle-aged men: A twin study. *Neuroimage*. 53 3: 1093-1112. [Pubmed](#)

Viau, R., Arsenault-Lapierre, G., Fecteau, S., Champagne, N., Walker, C. D., & **Lupien, S.**(2010). Effect of service dogs on salivary cortisol secretion in autistic children. *Psychoneuroendocrinology*. 35 8: 1187-1193. [Pubmed](#)

Nery de Souza-Talarico, J., Chaves, E.C., **Lupien, S.J.**, Nitrini, R., et Caramelli, P. (2010) Relationship between cortisol levels and memory performance may be modulated by the presence or absence of cognitive impairment: Evidence from healthy elderly, mild cognitive impairment and Alzheimer's disease subjects. *Journal of Alzheimer's Disease*. 19 3: 839-848. [Pubmed](#)

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](#)

Pruessner, J.C., Dedovic, K., Pruessner, M., Lord, C., Buss, C., Collins, L., Dagher, A., et **Lupien, S.J.** (2010) Stress regulation in the central nervous system: Evidence from structural and functional neuroimaging studies in human populations - 2008 Curt Richter Award Winner. *Psychoneuroendocrinology*. 35 1: 179-191. [Pubmed](#)

## **2009**

Brenner, K., Liu, A., Laplante, D.P., **Lupien, S.**, Pruessner, J.C., Ciampi, A., Joober, R., King, S. (2009) Cortisol response to a psychosocial stressor in schizophrenia: Blunted, delayed, or normal? *Psychoneuroendocrinology*. 34 6: 859-68. [Pubmed](#)

Hebert, S., & **Lupien, S.J.** (2009). Salivary cortisol levels, subjective stress, and tinnitus intensity in tinnitus sufferers during noise exposure in the laboratory. *International Journal of Hygiene and Environmental Health*. 212 1: 37-44. [Pubmed](#)



Lord, C., Duchesne, A., Pruessner, J. C., & **Lupien, S.J.** (2009). Measuring indices of lifelong estrogen exposure: self-report reliability. *Climacteric*. 12 5: 387-394. [Pubmed](#)

**Lupien, S.J.** (2009). Brains Under Stress. *Canadian Journal of Psychiatry*. 54 1: 4-5. [Pubmed](#)

**Lupien, S.J.**, McEwen, B.S., Gunnar, M.R., Heim, C. (2009). Effects of stress throughout the lifespan on the brain, behaviour and cognition. *Nature reviews Neuroscience*. 10 6: 434-445. [Pubmed](#)

\* Marin, M. F, Schramek, T.E., Maheu, F.S., et **Lupien, S.J.** (2009) Stress, emotion and memory: The good, the bad and the intriguing, in *Stress: From Molecules to Behaviour A Comprehensive Analysis of the Neurobiology of Stress Responses*, H. Soreq, A. Friedman, et D. Kaufer, Editors, WILEY-VCH: Germany. p. 167-188. [Book section](#)

**Lupien, S.J.** (2009) Brains under stress. *Canadian Journal of Psychiatry*. 54 1: 4-5. [Pubmed](#)

Ouellet-Morin, I., Dionne, G., Perusse, D., **Lupien, S.J.**, Arseneault, L., Barr, R.G., Tremblay, R.E., et Boivin, M. (2009) Daytime cortisol secretion in 6-month-old twins: genetic and environmental contributions as a function of early familial adversity. *Biological Psychiatry*. 65 5: 409-16. [Pubmed](#)

Fiocco, A.J., Nair, N.P., Schwartz, G., Kin, F.N., Joober, R., Poirier, J., et **Lupien, S.J.** (2009) Influence of genetic polymorphisms in the apolipoprotein (APOE) and the butyrylcholinesterase (BCHE) gene on stress markers in older adults: a 3-year study. *Neurobiology of Aging*. 30 6: 1001-1005. [Pubmed](#)

## **2008**

Lord, C., Buss, C., **Lupien, S.J.**, & Pruessner, J. C. (2008). Hippocampal volumes are larger in postmenopausal women using estrogen therapy compared to past users, never users and men: a possible window of opportunity effect. *Neurobiology of Aging*. 29 1: 95-101. [Pubmed](#)

Fiocco, A. J., Poirier, J., Joober, R., Nair, N. P. V., & **Lupien, S.J.** (2008). Acute and long-term associations between ApoE genetic polymorphism, cortisol levels, and declarative memory performance in older adults. *Psychoneuroendocrinology*. 33 5: 625-633. [Pubmed](#)

Ouellet-Morin, I., Boivin, M., Dionne, G., **Lupien, S.J.**, Arseneault, L., Barr, R. G., et al. (2008). Variations in heritability of cortisol reactivity to stress as a function of early familial adversity among 19-month-old twins. *Archives Of General Psychiatry*. 65 2: 211-218. [Pubmed](#)

Pruessner, J.C., Dedovic, K., Khalili-Mahani, N., Engert, V., Pruessner, M., Buss, C., Renwick, R., Dagher, A., Meaney, M.J., et **Lupien, S.J.** (2008). Deactivation of the limbic system during acute psychosocial stress: evidence from positron emission tomography and functional magnetic resonance imaging studies. *Biological Psychiatry*. 63 2: 234-240. [Pubmed](#)



Therrien, F., Drapeau, V., **Lupien, S.J.**, Beaulieu, S., Dore, J., Tremblay, A., et Richard, D. (2008). Awakening cortisol response in relation to psychosocial profiles and eating behaviors. *Physiology & behavior*. 93 1-2: 282-288. [Pubmed](#)

Weekes, N. Y., Lewis, R. S., Goto, S. G., Garrison-Jakel, J., Patel, F., et **Lupien, S.J.** (2008). The effect of an environmental stressor on gender differences on the awakening cortisol response. *Psychoneuroendocrinology*. 33 6: 766-772. [Pubmed](#)

Wrosch, C., Miller, G. E., **Lupien, S.J.**, & Pruessner, J. C. (2008). Diurnal cortisol secretion and 2-year changes in older adults' physical symptoms: the moderating roles of negative affect and sleep. *Health Psychology*. 27 6: 685-693. [Pubmed](#)

Andrews, J., \*Juster, R. P., \*Sindi, S., \*Marin, M. F., **Lupien, S. J.**, & Pruessner, J. C. (2008). Sex or gender based differences in cortisol response to psychosocial stress. *International Journal of Neuropsychopharmacology*, 11 (Suppl. 1) P-05.52, 221. [Abstract](#)

## **2007**

Andrews, J., Wadiwalla, M., Juster, R.P., Lord, C., Lupien, S.J., et Pruessner, J.C. (2007). Effects of manipulating the amount of social-evaluative threat on the cortisol stress response in young healthy men. *Behavioral Neuroscience*. 121 5: 871-86. [Pubmed](#)

Buss, C., Lord, C., Wadiwalla, M., Hellhammer, D.H., **Lupien, S.J.**, Meaney, M.J., et Pruessner, J.C (2007). Maternal care modulates the relationship between prenatal risk and hippocampal volume in women but not in men. *Journal of Neuroscience*. 27 10: 2592-2595. [Pubmed](#)

Fiocco, A. J., R. Jooper, **Lupien, S.J.** (2007). Education modulates cortisol reactivity to the Trier Social Stress Test in middle-aged adults. *Psychoneuroendocrinology*. 32 8-10: 1158-1163. [Pubmed](#)

Hebert, S., **Lupien, S.J.** (2007). The sound of stress: blunted cortisol reactivity to psychosocial stress in tinnitus sufferers. *Neuroscience Letters*. 411 2: 138-142. [Pubmed](#)

**Lupien, S.J.**, Evans, A., Lord, C., Miles, J., Pruessner, M., Pike, B., et Pruessner, J.C. (2007). Hippocampal volume is as variable in young as in older adults: implications for the notion of hippocampal atrophy in humans. *Neuroimage*. 34 2: 479-485. [Pubmed](#)

**Lupien, S.J.**, Maheu, F., Tu, M., Fiocco, A., et Schramek, T.E. (2007). The effects of stress and stress hormones on human cognition: Implications for the field of brain and cognition. *Brain and Cognition*. 65 3: 209-237. [Pubmed](#)

Pruessner, M., Pruessner, J.C., **Lupien, S.J.**, et al. (2007). The associations among hippocampal volume, cortisol reactivity, and memory performance in healthy young men. *Psychiatry research*. 155 1: 1-10. [Pubmed](#)

Fiocco, A.J., Jooper, R., Poirier, J., et **Lupien, S.J.** (2007) Polymorphism of the 5-HT(2A) receptor gene: association with stress-related indices in healthy middle-aged adults. *Front Behavioral Neuroscience*. 1: 3. [Pubmed](#)

Pilgrim, K. et **Lupien, S.J.** (2007) International Society of Psychoneuroendocrinology Conference 2007. Expert review of endocrinology & metabolism. 2 6: 721-723. [Pubmed](#)



**Lupien, S.J.** (2007) L'atrophie hippocampique chez l'homme : conséquence ou origine des troubles mentaux ? *Medecine sciences*. 23 8-9: 694-695. [Pubmed](#)

Wolkowitz, O.M., **Lupien, S.J.**, et Bigler, E.D. (2007) The "steroid dementia syndrome": a possible model of human glucocorticoid neurotoxicity. *Neurocase. Case Reports*. 13 3: 189-200. [Pubmed](#)

Wrosch, C., Bauer, I., Miller, G.E., et **Lupien, S.J.** (2007) Regret intensity, diurnal cortisol secretion, and physical health in older individuals: evidence for directional effects and protective factors. *Psychology and aging*. 22 2: 319-330. [Pubmed](#)

Wrosch, C., Schulz, R., Miller, G.E., **Lupien, S.J.**, et Dunne, E. (2007) Physical health problems, depressive mood, and cortisol secretion in old age: buffer effects of health engagement control strategies. *Health Psychology*. 26 3: 341-349. [Pubmed](#)

Therrien, F., Drapeau, V., Lalonde, J., **Lupien, S.J.**, Beaulieu, S., Tremblay, A., et Richard, D. (2007) Awakening cortisol response in lean, obese, and reduced obese individuals: effect of gender and fat distribution. *Obesity (Silver Spring)*. 15 2: 377-385. [Pubmed](#)