

PUBLICATION LIST JULY 1, 2024 – JUNE 30, 2025

Notes:

* Trainees in the Department (Graduate/Post Graduate students)

*^ Psychiatry Residents

Yellow highlight: Book

Manuscripts: 41

Book/Book Chapters: 2

JULY 2024

1. **Mendes-Silva, A. P.**, Nikolova, Y. S., Rajji, T. K., Kennedy, J. L., Diniz, B. S., Gonçalves, V. F., & Vieira, E. L. (2024). Exosome-associated mitochondrial DNA in late-life depression: Implications for cognitive decline in older adults. *Journal of Affective Disorders*.

AUGUST 2024

2. Stoliker, B. E., Balogun, T., Wangler, H., **Mela, M.**, Jewell, L. M., Nixon, B., & **Nwachukwu, K.** (2024). Medical Chart Review to Explore Suicidal and Self-Harm Thoughts and Behavior Among Psychiatric Inpatients. *OMEGA-Journal of Death and Dying*, 00302228241272653.
3. Lawson, J. A., Kim, M., Jandaghi, P., Goodridge, D., **Balbuena, L.**, Cockcroft, D., ... & Khanam, U. (2024). Risk and protective factors of asthma and mental health condition multimorbidity in a national sample of Canadian children. *Pediatric Allergy and Immunology*, 35(8), e14199.
4. **Wenzel, T. J.**, Desjarlais, J. D., & **Mousseau, D. D.** (2024). Human brain organoids containing microglia that have arisen innately adapt to a β -amyloid challenge better than those in which microglia are integrated by co-culture. *Stem Cell Research & Therapy*, 15(1), 258.
5. Kurbatfinski, S., **Woo, J.**, Ntanda, H., Giesbrecht, G., & Letourneau, N. (2024). Perinatal Predictors and Mediators of Attachment Patterns in Preschool Children: Exploration of Children's Contributions in Interactions with Mothers. *Children*, 11(8), 1022.

6. **Woo, J., and Eisa, M.** Clozapine-induced priapism in a man with schizoaffective disorder (2024). *Journal of Psychiatry and Neuroscience*, 49(4): E263–E264.
7. Qian, J., Fischer, C., Burhan, A., Mak, M., Gerretsen, P., **Kolla, N., ... & De Luca, V.** (2024). GWAS of biological aging to find longevity genes in schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, 274(5), 1025-1036.

SEPTEMBER 2024

8. **Balbuena, L.,** Halayka, S., Lee, A., **Ahmed, A. G., Hinz, T., Kolla, N., & Pylypow, J.** (2024). Clozapine, relapse, and adverse events: a 10-year electronic cohort study in Canada. *The British Journal of Psychiatry*, 1-7.
9. Zeng, Q. B., Zou, D. C., Huang, X. B., Shang, D. W., Huang, X., Yang, X. H., **Balbuena, L., ... & Zheng, W.** (2025). Efficacy and safety of esketamine versus propofol in electroconvulsive therapy for treatment-resistant depression: A randomized, double-blind, controlled, non-inferiority trial. *Journal of Affective Disorders*, 368, 320-328
10. El-Ahmad, P., **Mendes-Silva, A. P., & Diniz, B. S.** (2024). Liquid Biopsy in Neuropsychiatric Disorders: A Step Closer to Precision Medicine. *Molecular Neurobiology*, 1-18.
11. **Rahman, H.,*^ Shokar, A., *^ Alaverdashvili, M., and De Souza, D.** (2024). The Psychiatry Information Card: a pocket resource to assist students' transition into psychiatry clerkship. *Canadian Medical Education Journal*.
12. Lawson, J., Kim, M., Jandaghi, P., Goodridge, D., **Balbuena, L.,** Cockcroft, D., ... & Khanam, U. (2024). Reply to Ching-Heng Tsai and Lien-Chung Wei. *Pediatric Allergy and Immunology*, 35(9), e14249.
13. Silva, M. H., Batista, L. L., Malta, S. M., Santos, A. C., **Mendes-Silva, A. P.,** Bonetti, A. M., ... & Dos Santos, A. R. (2024). Unveiling the Brazilian kefir microbiome: discovery of a novel *Lactobacillus kefiranofaciens* (LkefirU) genome and in silico prospection of bioactive peptides with potential anti-Alzheimer properties. *BMC genomics*, 25(1), 884.
14. Tessema, T., Diniz, B. S., Vieira, E. M., **Mendes-Silva, A. P.,** Voineskos, A. N., Gildengers, A. G., ... & Mulsant, B. H. (2024). Elevated senescence-associated secretory phenotype index in late-life bipolar disorder. *Journal of affective disorders*, 360, 163-168.

OCTOBER 2024

15. **Malta, S. M.***, Rodrigues, T. S., **Silva, M. H.***, Marquez, A. S., Ferreira, R. B., do Prado Mascarenhas, F. N. A., **Mendes-Silva, A ...** & Ueira-Vieira, C. (2024). Brazilian kefir fraction mitigates the Alzheimer-like phenotype in *Drosophila melanogaster* with β -amyloid overexpression model. *Scientific Reports*, 14(1), 25474.

NOVEMBER 2024

Book chapter

Mendes-Silva, A. P., Hollis, F., Gorman-Sandler, E., Sadat Afjeh, S., Teimoury, K., Ahkbarian, N., ... & Ueira-Vieira, C. (2024). The role of prefrontal cortex and the cell cycle regulation in anxiety. In *Handbook of the Biology and Pathology of Mental Disorders* (pp. 1-21). Cham: Springer Nature Switzerland.

16. **Peters, E. M.**, Aziz, S., & **Balbuena, L.** (2022). Examining Alternative Inclusion Criteria Based on Core Symptoms of Depression in Antidepressant Clinical Trials. *Journal of Clinical Psychopharmacology*, 10-1097.

DECEMBER 2024

17. Bourassa, B.J.Y., Bergen, T., **Graham, H.** (2024) Trauma-Sensitive Teaching Strategies in Clinical Nursing Education: An Integrative Review. *Journal of Nursing Education*
18. Halayka, S., **Balbuena L** (2024) Clozapine, Relapse, and Adverse Events: A 10-Year Electronic Cohort Study in Canada: Commentary, Author Response. *British Journal of Pharmacology*
19. Ahmed, M. S., Bartram, M., Gabrys, R., **Mela, M.**, & Muhajarine, N. (2024). Concurrent Experience of Self-Reported Mental Health Symptoms and Problematic Substance Use During the First Two Years of the COVID-19 Pandemic Among Canadian Adults: Evidence from a Repeated Nationwide Cross-Sectional Survey. *International Journal of Environmental Research and Public Health*, 21(12), 1644.
<https://doi.org/10.3390/ijerph21121644>

JANUARY 2025

20. Gu, L. M., Deng, C. J., Shang, D. W., Huang, S. Q., Nie, S., Yang, X. H., ... **Balbuena L** & Zheng, W. (2025). Efficacy and safety of low-frequency repetitive transcranial magnetic stimulation in adolescents with first-episode major depressive disorder: A randomized, double-blind, sham-controlled pilot trial. *Journal of Affective Disorders*, 370, 190-197.
21. Gao, T., Chen, Y., Gai, Q., **D'Arcy, C.**, & Su, Y. (2025). The co-occurrence between symptoms of internet gaming disorder, depression, and anxiety in middle and late adolescence: A cross-lagged panel network analysis. *Addictive Behaviors*, 161, 108215.
22. Halpape, K., Pashovitz, R., **Wanson, A.**, **Hooper, M.**, & **Peters, E. M.** (2025). Intranasal racemic ketamine maintenance therapy for patients with treatment-resistant depression: a naturalistic feasibility study. *BMC psychiatry*, 25(1), 1-5.
23. Mareckova, K¹., **Mendes-Silva, A¹.**, Jani, M., Pacinkova, A., Piler, P., Goncalves, V., & Nikolova, Y. (2025). Mitochondrial DNA variants and their impact on epigenetic and biological aging in young adulthood. *Translational Psychiatry*, 15,16.

Book chapter

Wenzel, T. J., & Mousseau, D. D. (2025). Maximizing the utility of brain organoid models and overcoming their perceived limitations. In *Handbook of Neural Engineering* (pp. 593-624). Academic Press.

FEBRUARY 2025

24. Flannigan, K., Pun, J. W., Buttinger, P., McLachlan, K., Holmstrom, K., Tremblay, M., **Mela, M.** ... & Pei, J. (2025). An updated systematic review of the literature on fetal alcohol spectrum disorder and the criminal legal system. *International Journal of Law and Psychiatry*, 100, 102073.
25. Chan, R. R., **Hamid, E.**,*[^]Le, T., Alaverdashvili, M., **Wanson, A.**, & **Halpape, K.** (2025). Bridging the mind and body: exploring venous thromboembolism in psychiatric inpatients. *Australasian Psychiatry*, 10398562251353668.

MARCH 2025

26. Zeng, Q. B., Huang, X. B., Xu, R., Shang, D. W., Huang, S. Q., Huang, X., ... **Balbuena L** & Zheng, W. (2025). Kynurenine pathway metabolites predict antianhedonic effects of electroconvulsive therapy in patients with treatment-resistant depression. *Journal of Affective Disorders*.
27. **Kolla, N. J.**, Aloysius, R., Gainham, G., & Hawco, C. (2025). Altered neural activation in first episode psychosis patients with comorbid conduct disorder: a pilot investigation. *JAACAP open*, 3(1), 101-113.
28. De Pol, M. A., Rafiei, D., Meyer, J. H., Desmond, K. L., McMain, S., Boileau, I., ... & **Kolla, N. J.** (2025). Fatty Acid Amide Hydrolase in Comorbid Borderline Personality Disorder and Major Depressive Disorder: Imaging with [11C] CURB PET. *Neuropharmacology*, 110436.

APRIL 2025

29. **Bernardes, L. M. M.***, **Malta, S. M.***, Santos, A. C. C., da Silva, R. A., Rodrigues, T. S., da Silva, M. N. T., ... **Mendes-Silva, A.P.** & Ueira-Vieira, C. (2025). Green synthesis, characterization, and antimicrobial activity of silver nanoparticles from water-soluble fractions of Brazilian Kefir. *Scientific Reports*, 15(1), 10626.
30. **Lee-Cheong, S*^**, Alaverdashvili, M., Jardine, M., & Maharaj, V. S., **Kolla, N.** (2025). Burnout and Professional Quality of Life Amongst Crisis Hotline Responders: A Cross-Sectional Survey in Canada During COVID-19. *Healthcare* (Special Issue Mental Health in Times of Crisis: New Trends in Diagnosis and Treatment)
31. Chireh, B., Essien, S. K., Swerhun, K., **D'Arcy, C.**, & Acharibasam, J. W. (2025). Workplace stressors and mental health outcomes among personal support workers: A systematic review. *International Journal of Nursing Studies*, 105093.

MAY 2025

32. **Clark, M.**, **Sarda, M.**, Alaverdashvili, M., Le, T., **Teare, A.*** Barton, J., Jensen, P.S. and **Felstrom, A.**, 2025. Impact of a continuing medical education program on primary care providers-an analysis of a child psychiatry education program in Saskatchewan. *BMC Primary Care*, 26, p.172.

33. Wang, X., Su, Y., Liu, Q., Li, M., Zeighami, Y., Fan, J., **Adams, G.C.**, ... & Meng, X. (2025). Unveiling diverse clinical symptom patterns and neural activity profiles in major depressive disorder subtypes. *EBioMedicine*, 116.
34. Li, C., **Yilmaz, O.**, * & **Peters, E. M.** (2025). Examining the efficacy of antidepressant pharmacotherapy for interpersonal sensitivity in patients with depressive disorders. *Personalized Medicine in Psychiatry*, 51, 100153.
35. Ogunjimi, E., Guebert, A. F., Anderson, T., Derkson, J., Okonji, P. E., & **Mela, M.** (2025). The Long-Term Effects of Prenatal Alcohol Exposure on Offspring: Insights from the ALSPAC Cohort. *Child Psychiatry & Human Development*, 1-18.

JUNE 2025

36. **Balbuena, L.**, Åhs, F., **Peters, E.**, **Mendes-Silva, A.**, & Speed, D. (2025). Does the Path From Cigarette Smoking to Suicide Death Go Through the Hospital? A Causal Mediation Analysis in a National Canadian Sample. *Tobacco use insights*, 18, 1179173X251349612.
37. Rafiei, D., De Pol, M., Meyer, J. H., Desmond, K., Ross, R., Boileau, I., ... & **Kolla, N. J.** (2025). Fatty acid amide hydrolase in major depressive episodes: A [11C] CURB positron emission tomography study. *Neuropsychopharmacology*, 1-8.
38. Faitakis, M., McLachlan, K., Fiacconi, C., Flannigan, K., Temple, V., **Mela, M.**, ... & Pei, J. (2025). Criminal legal system contact in fetal alcohol spectrum disorders (FASD): Experiences and support needs. *International Journal of Law and Psychiatry*, 101, 102106.
39. Zeng, Q. B., Huang, X. B., Xu, R., Shang, D. W., Huang, S. Q., Huang, X., **Balbuena, L.**, ... & Zheng, W. (2025). Kynurenine pathway metabolites predict antianhedonic effects of electroconvulsive therapy in patients with treatment-resistant depression. *Journal of Affective Disorders*, 379, 764-771.
40. **Mela, M.**, McLachlan, K., & Wilson, R. J. (2025). Promoting greater understanding and knowledge transfer to interestholders in discussions of neurodevelopmental disorders and the criminal justice system. *International Journal of Risk and Recovery*, 7(1), 6-17.
41. Zou, S., **Mendes-Silva, A. P.**, Dos Santos, F. C., Ebrahimi, M., Kennedy, J. L., & Goncalves, V. F. (2025). Multi-omics Analysis of Energy Metabolism Pathways Across Major Psychiatric Disorders. *Molecular Neurobiology*, 1-14.