

PUBLICATIONS – NEUROSCIENCE – JANUARY 1, 2022 – PRESENT

1. Arehart CH, Daya M, Campbell M, Boorgula MP, Rafaels N, Chavan S, David G, Hanifin J, **Slifka MK**, Gallo RL, Hata T, Schneider LC, Paller AS, Ong PY, Spergel JM, Guttman-Yassky E, Leung DYM, Beck LA, Gignoux CR, Mathias RA, Barnes KC. Polygenic prediction of atopic dermatitis improves with atopic training and filaggrin factors. *J Allergy Clin Immunol*. **2022 Jan**;149(1):145-155. doi: 10.1016/j.jaci.2021.05.034. Epub 2021 Jun 7. PMID: 34111454; PMCID: PMC8973457.
2. Wood EK, **Sullivan EL**. The Influence of Diet on Metabolism and Health Across the Lifespan in Nonhuman Primates. *Curr Opin Endocr Metab Res*. **2022 Jun**;24:100336. doi: 10.1016/j.coemr.2022.100336. Epub 2022 Feb 26. PMID: 35425871; PMCID: PMC9004663.
3. Adeniyi PA, Fopiano KA, Banine F, Garcia M, Gong X, Keene CD, **Sherman LS**, Bagi Z, Back SA. Multispectral LEDs Eliminate Lipofuscin-Associated Autofluorescence for Immunohistochemistry and CD44 Variant Detection by in Situ Hybridization in Aging Human, non-Human Primate, and Murine Brain. *ASN Neuro*. **2022 Jan-Dec**;14:17590914221123138. doi: 10.1177/17590914221123138. PMID: 36164936; PMCID: PMC9520168.
4. **Cuzon Carlson VC**, Aylwin CF, Carlson TL, Ford M, Mesnaoui H, **Lomniczi A**, Ferguson B, Cervera-Juanes RP. Neurobeachin, a promising target for use in the treatment of alcohol use disorder. *Addict Biol*. **2022 Jan**;27(1):e13107. doi: 10.1111/adb.13107. Epub 2021 Oct 26. PMID: 34699111; PMCID: PMC8813173.
5. Tang H, **Costa VD**, Bartolo R, Averbeck BB. Differential coding of goals and actions in ventral and dorsal corticostriatal circuits during goal-directed behavior. *Cell Rep*. **2022 Jan 4**;38(1):110198. doi: 10.1016/j.celrep.2021.110198. PMID: 34986350.
6. PRIMatE Data and Resource Exchange (PRIME-DRE) Global Collaboration Workshop and Consortium. Electronic address: michael.milham@childmind.org; PRIMatE Data and Resource Exchange (PRIME-DRE) Global Collaboration Workshop and Consortium. Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. *Neuron*. **2022 Jan 5**;110(1):16-20. doi: 10.1016/j.neuron.2021.10.015. Epub 2021 Nov 2. PMID: 34731649.
7. Hendrickson SM, Thomas A, Prongay K, Haertel AJ, Garzel LM, Gill L, Barr T, Rhoades NS, Reader R, Galan M, Carroll JM, Roberts CT, Gao L, Amanna IJ, Messaoudi I, **Slifka MK**. Reduced infant rhesus macaque growth rates due to environmental enteric dysfunction and association with histopathology in the large intestine. *Nat Commun*. **2022 Jan 11**;13(1):234. doi: 10.1038/s41467-021-27925-x. PMID: 35017515; PMCID: PMC8752659.
8. Lo JO, Schabel MC, Roberts VHJ, Morgan TK, Fei SS, Gao L, Ray KG, Lewandowski KS, Newman NP, Bohn JA, **Grant KA**, Frias AE, **Kroenke CD**. Effects of early daily alcohol exposure on placental function and fetal growth in a rhesus macaque model. *Am J Obstet Gynecol*. **2022 Jan**;226(1):130.e1-130.e11. doi: 10.1016/j.ajog.2021.07.028. Epub 2021 Aug 5. PMID: 34364844; PMCID: PMC8748286
9. Montaniel KRC, Bucher M, Phillips EA, Li C, **Sullivan EL**, Kievit P, Rugonyi S, Nathanielsz PW, Maloyan A. Dipeptidyl peptidase IV inhibition delays developmental programming of obesity and metabolic disease in male offspring of obese mothers. *J Dev Orig Health Dis*. **2022 Jan 24**:1-14. doi: 10.1017/S2040174422000010. Epub ahead of print. PMID: 35068408.
10. Cervera-Juanes R, Darakjian P, Ball M, **Kohama SG**, **Urbanski HF**. Effects of estradiol supplementation on the brain transcriptome of old rhesus macaques maintained on an obesogenic diet. *Geroscience*. **2022 Feb**;44(1):229-252. doi: 10.1007/s11357-021-00453-8. Epub 2021 Oct 13. PMID: 34642852; PMCID: PMC881096.

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12. Lyski ZL, Kim MS, Xthona Lee D, Sampson D, Raué HP, Raghunathan V, Ryan D, Brunton AE, **Slifka MK**, Messer WB, Spurgeon SE. Immunogenicity of Pfizer mRNA COVID-19 Vaccination Followed by J&J Adenovirus COVID-19 Vaccination in Two Patients with Chronic Lymphocytic Leukemia. *Case Rep Hematol*. **2022 Feb 4**;2022:6831640. doi: 10.1155/2022/6831640. PMID: 35127183; PMCID: PMC8815431.
13. Bloch S, Holleran KM, Kash TL, Vazey EM, Rinker JA, Lebonville CL, O'Hara K, Lopez MF, Jones SR, **Grant KA**, Becker HC, Mulholland PJ. Assessing negative affect in mice during abstinence from alcohol drinking: Limitations and future challenges. *Alcohol*. **2022 Feb 15**:S0741-8329(22)00013-1. doi: 10.1016/j.alcohol.2022.02.001. Epub ahead of print. PMID: 35181404.
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16. McEvoy CT, **Spindel ER**. Childhood Wheeze Patterns- What Do They Tell Us? *Am J Respir Crit Care Med*. **2022 Feb 23**. doi: 10.1164/rccm.202201-0108ED. Epub ahead of print. PMID: 35196479.
17. Allen DC, Jimenez VA, Carlson TL, Walter NA, **Grant KA**, **Cuzon Carlson VC**. Characterization of DREADD receptor expression and function in rhesus macaques trained to discriminate ethanol. *Neuropsychopharmacology*. **2022 Mar**;47(4):857-865. doi: 10.1038/s41386-021-01181-5. Epub 2021 Oct 15. PMID: 34654906; PMCID: PMC8882175.
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21. **Grant KA**, Newman NN, Gonzales SW, **Cuzon Carlson VC**. Impact of putamen inhibition by DREADDs on schedule-induced drinking in rhesus monkeys. *J Exp Anal Behav*. **2022 Apr 12**. doi: 10.1002/jeab.761. Epub ahead of print. PMID: 35411949.

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23. Graham AM, Doyle O, Tilden EL, **Sullivan EL**, Gustafsson HC, Marr M, Allen M, Mackiewicz Seghete KL. Effects of Maternal Psychological Stress During Pregnancy on Offspring Brain Development: Considering the Role of Inflammation and Potential for Preventive Intervention. *Biol Psychiatry Cogn Neurosci Neuroimaging.* **2022 May**;7(5):461-470. doi: 10.1016/j.bpsc.2021.10.012. Epub 2021 Oct 27. PMID: 34718150; PMCID: PMC9043032.
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25. **Costa VD**, Averbeck BB. Correction to: Fluoxetine incentivizes ventral striatum encoding of reward and punishment. *Neuropsychopharmacology.* **2022 May**;47(6):1281. doi: 10.1038/s41386-021-01194-0. Erratum for: *Neuropsychopharmacology.* 2021 Nov;46(12):2041-2042. PMID: 35102260; PMCID: PMC9019022.
26. Li Y, Dai J, Tran LN, Pinkerton KE, **Spindel ER**, Nguyen TB. Vaping Aerosols from Vitamin E Acetate and Tetrahydrocannabinol Oil: Chemistry and Composition. *Chem Res Toxicol.* **2022 May 13**. doi: 10.1021/acs.chemrestox.2c00064. Epub ahead of print. PMID: 35559605.
27. Bagi Z, **Kroenke CD**, Fopiano KA, Tian Y, Filosa JA, **Sherman LS**, Larson EB, Keene CD, Degener O'Brien K, Adeniyi PA, Back SA. Association of cerebral microvascular dysfunction and white matter injury in Alzheimer's disease. *Geroscience.* **2022 May 25**. doi: 10.1007/s11357-022-00585-5. Epub ahead of print. PMID: 35612774.
28. Hogeveen J, Mullins TS, Romero JD, Eversole E, Rogge-Obando K, Mayer AR, **Costa VD**. The neurocomputational bases of explore-exploit decision-making. *Neuron.* **2022 Jun 1**;110(11):1869-1879.e5. doi: 10.1016/j.neuron.2022.03.014. Epub 2022 Apr 6. PMID: 35390278; PMCID: PMC9167768.
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