

Peer Reviewed Publications (partial list):

Alex S Luke*, Eleni A Varelas, Seth Kaplan, Inna A Husain. Efficacy of Office-Based Intralesional Steroid Injections in the Management of Subglottic Stenosis: A Systematic Review. *Ear Nose Throat J*. doi: 10.1177/01455613211005119. Mar 2021.

Andrew Alsterda*, Kumari Asha, Olivia Powrozek, Mirosława Repak, Sudeshna Goswami, Alexandra M. Dunn, Heidi C. Memmel and Neelam Sharma-Walia. Salubrinal Exposes Anticancer Properties in Inflammatory Breast Cancer Cells by Manipulating the Endoplasmic Reticulum Stress Pathway. *Frontiers in Oncology*. May 20, 2021 <https://doi.org/10.3389/fonc.2021.654940>.

Apigo M, Schechtman J, Dhliwayo N*, Al Tameemi M*, Gazmuri RJ. Development of a work of breathing scale and monitoring need of intubation in COVID-19 pneumonia. *Crit Care* 24(1):477. doi:10.1186/s13054-020-03176-y. July 2020.

Benjamins M, Saiyed N, Bunting S*, Lorenz P*, Hunt B, Glick N, Silva A. HIV Mortality Across the 30 Largest U.S. Cities: Assessing Overall Trends and Racial Inequities. *AIDS Care*, 1-10. doi: 10.1080/09540121.2021.1939849. June 2020.

Bohae Rachel Lee*, May Hnin Paing*, Neelam Sharma-Walia. Cyclopentenone prostaglandins: biologically active lipid mediators targeting inflammation: *Frontiers in Physiology*. 12:640374. doi: 10.3389/fphys.2021.640374. July 2021.

Bunting*, S.R., Calabrese, S.K., Garber, S.S. *et al*. Where Do Health Professions Students Learn About Pre-exposure Prophylaxis (PrEP) for HIV Prevention?. *Med.Sci.Educ*. 2021; 31:423–427 March 2021

Bunting*, S.R., Chirica, M.G., Ritchie, T.D., Garber, S.S. and Batteson, T.J., *LGBT Health*. 2021; 1:79-87 Jan 2021

Bunting*, S.R. BS., Garber, S.S., Goldstein, R.H., Calabrese, S. K., Ritchie, T.D., Batteson, T.J., Health Profession Students' Awareness, Knowledge, and Confidence Regarding Preexposure Prophylaxis: Results of a National, Multidisciplinary Survey, *Sexually Transmitted Diseases*: 2021; 1:25-31 Jan 2021

Ellen Yang*, Tianyang Li, Ariel Katz. A giant cell tumor of the bone in the rib cage left to proliferate unfettered for seven years to an extensive size. *Respir Med Case Rep*. 33:101419. May 2021.

Jessica L. Centa*, Francine M. Jodelka, Anthony J. Hinrich, Tyler B. Johnson, Joseph Ochaba, Michaela Jackson, Jill M. Weimer, Frank Rigo, Dominik M. Duelli, Michelle L. Hastings Therapeutic efficacy of antisense oligonucleotides in mouse models of CLN3 Batten disease. *Nature Med*. 26(9): 4-1451, September 2020.

John McDaid, Clark A. Briggs, Nikki M. Barrington*, Daniel A. Peterson, Dorothy A Kozlowski, Grace E Stutzmann (2021) Sustained Hippocampal Synaptic Pathophysiology Following Single and Repeated Closed-Head Concussive Impacts. *Front Cell Neuroscience*.15,652721, March 2021.

Katherine M Kim*, Mentor Thaqi, Daniel A Peterson, Robert A Marr. Induced Neurons for Disease Modeling and Repair: A Focus on Non-fibroblastic Cell Sources in Direct Reprogramming. *Front Bioeng Biotechnol*. 9:658498, March 2021.

Kathleen C. Maigler, Trevor J. Buhr, Christopher S. Park*, Steven A. Miller, Dorothy A. Kozlowski, Robert A. Marr. Assessment of the effects of altered amyloid-beta clearance on behavior following repeat closed-head brain injury in APP humanized mice. *J. Neurotrauma*. 38(5), 665-676, March 2021.

Kathryne E. Marks*, Kaylin Cho*, Courtney Levitt, and Joseph M. Reynolds. Toll-like receptor 2 in autoimmune inflammation. *Immune Network*. 21(3): e18. doi: 10.4110/in.2021.21.e18, June 2021.

Kathryne E. Marks*, Stephanie Flaherty, Kristen M. Patterson, Matthew Stratton*, Gustavo J. Martinez, and Joseph M. Reynolds. Toll-like receptor 2 induces pathogenicity in Th17 cells and reveals a role for IPCEF in regulating Th17 cell migration. *Cell Reports*. 35(13):109303. doi: 10.1016/j.celrep.2021.109303. June 2021.

Kenneth Beaman, Katharine Wolf*, Safaa Ibrahim, Svetlana Dambaeva. Pregnancy the accommodation of Danger; Diagnostic approaches for reproductive immune pathologies. In *Recurrent Abortions* Wiley.

Linda Chang, Huajun Liang, Suresh Kandel*, Johnny J. He (2020) Independent and Combined Effects of Nicotine or Chronic Tobacco Smoking and HIV on the Brain: A Review of Preclinical and Clinical Studies. *Journal of Neuroimmune Pharmacology*. 15:658-693 (IF: 4.5)

Lise Eliot, Adnan Ahmed*, Hiba Khan*, Julie Patel*. Dump the “dimorphism”: Comprehensive synthesis of human brain studies reveals few male-female differences beyond size. *Neuroscience and Biobehavioral Reviews*, 125:667-97, February 2021.

Pandher K*, Stubbee R, Peta A, and Sylora J. Penile necrosis induced by rubber bands – Case report. *Urology Case Reports*. 33: 101372. Nove. 2020.

Rahman A, Mehmood S*, Khaliq T*, Cukovic L,* Sahakian Y*. Effects of Practicing Social Distancing on COVID-19 Infections and Deaths: A Retrospective Study. *J Immuno Allerg*. 2021;2(1):1-9. DOI: [https://doi.org/10.37191/Mapsci-2582-6549-2\(1\)-018](https://doi.org/10.37191/Mapsci-2582-6549-2(1)-018).

Rohit Sharma, Sayonara M. Viana*, Dennis K.P. Ng, Bala K. Kolli, Kwang-Poo Chang, Camila I. de Oliveira. Photodynamic inactivation of *Leishmania braziliensis* doubly sensitized with uroporphyrin and diamino-phthalocyanine activates effector functions of macrophages in vitro. *Sci Rep*. 10(1):17065, October 2020.

Sidney Iriana*, Kumari Asha, Mira Repak, and Neelam Sharma-Walia. Hedgehog Signaling: Implications in Cancers and Viral Infections. *Int J Mol Sci*, 21;22(3):1042. doi: 10.3390/ijms22031042. PMID: 33494284, January 2021.

Tianhao Xu*, Alexander Schutte, L. Jimenez, A.N.A. Gonçalves, A. Keller, M.E. Pipkin, H.I. Nakaya, R.M. Pereira, and Gustavo J. Martinez. Kdm6b Regulates the Generation of Effector CD8 + T Cells by Inducing Chromatin Accessibility in Effector-Associated Genes. *J Immunol* 206(9):2170-2183, May 2021.

Uros Rakita*, Megha Trivedi, Solomiya Grushchak, Luke S Wallis, John C Franco, Aleksandar L Kronic. Onset of rupioid psoriasis after vasodilatory regimen initiation in a patient with pulmonary arterial hypertension. *JAAD Case Rep*. 12:77-80. April 2021.

Virginie Bottero, Dallen Powers*, Ashna Yalamanchi*, James P. Quinn, Judith A. Potashkin. Key disease mechanisms linked to Alzheimer's disease in the entorhinal cortex. *Int. J. Mol. Sci*. 22(8), 3915, April 2021.

CMS Student Scholarly Activity
July 2020 – June 2021

Walters K*, Benjamins MR. Religious Beliefs About Health and the Body and their Association with Subjective Health. *Journal of Religion and Health*. <https://doi.org/10.1007/s10943-020-01178-2>. 2021.

Wren Michaels*, Robert Bridges, and Michelle Hastings. Antisense oligonucleotide-mediated correction of CFTR splicing improves chloride secretion in cystic fibrosis patient-derived bronchial epithelial cells. *Nucleic Acids Research*. 48(13):7454-7467, July, 2020.* doi: 10.1093/nar/gkaa490

Yelena Sahakia*, Tehreem Khaliq*, Noopur Walia*, Sara Mehmood*, Rahman A. Impact of Retrospective Face Mask Usage on COVID-19 Infections and Deaths in the United States, *Am J Res Med Sci*. 2021; 5(1):1-5.

* denotes CMS student