



# RESEARCH ACCOMPLISHMENTS



## DECEMBER 2021

### PUBLICATIONS:

Karamichos D, Escandon P, Vasini B, Nicholas SE, Van L, Dang DH, Cunningham RL, Riaz KM. Anterior pituitary, sex hormones, and keratoconus: Beyond traditional targets. *Prog Retin Eye Res*. 2021 Nov 2:101016. doi: 10.1016/j.preteyeres.2021.101016. Online ahead of print. PMID: 34740824.

Yeung V, Sriram S, Tran JA, Guo X, Hutcheon AEK, Zieske JD, Karamichos D, Ciolino JB. FAK Inhibition Attenuates Corneal Fibroblast Differentiation In Vitro. *Biomolecules*. 2021 Nov 12; 11(11):1682. doi: 10.3390/biom11111682. PMID: 34827680; PMCID: PMC8616004.

Babu K, Kathiresan V, Kumari P, Newsom S, Parameshwaran HP, Chen X, Liu J, Qin PZ, Rajan R. Coordinated Actions of Cas9 HNH and RuvC Nuclease Domains Are Regulated by the Bridge Helix and the Target DNA Sequence. *Biochemistry*. 2021 Nov 10. doi: 10.1021/acs.biochem.1c00354. Online ahead of print. PMID: 34757726.

Hughes GD, Aboyade OM, Okonji OC, Clark B, Bawa WA, Xavier C, Rasu RS. Cost of Traditional Herbal Medicines for Noncommunicable Diseases in Rural and Urban Communities in South Africa. *Value Health Reg Issues*. 2021 Nov 25; 29:66-75. doi: 10.1016/j.vhri.2021.08.006. Online ahead of print. PMID: 34839077.

Nili M, LeMasters TJ, Adelman M, Dwibedi N, Madhavan SS, Sambamoorthi U. Initial maintenance therapy adherence among older adults with asthma-COPD overlap. *Am J Manag Care*. 2021 Nov; 27(11):463-470. doi: 10.37765/ajmc.2021.88773. PMID: 34784138.

Findley PA, Wiener RC, Shen C, Dwibedi N, Sambamoorthi U. Clinical Preventive Services and Self-Management Practices Among Adult Cancer Survivors in the United States Over Time. *Cancer Control*. 2021 Jan-Dec; 28:10732748211059106. doi: 10.1177/10732748211059106. PMID: 34823385.

Anderson S, Mauskopf J, Talbird SE, White A, Srinivasan M. Antiseizure medications and oral contraceptives: Impact of

enzyme inducers on pregnancy outcomes and costs. *Epilepsy & Behavior*. 2021 Nov 11; 125:108368. doi: 10.1016/j.yebeh.2021.108368. Online ahead of print. PMID: 34775242.

Yan LJ. Folic acid-induced animal model of kidney disease. *Anim Models Exp Med*. 2021;00:1-14. <https://doi.org/10.1002/ame2.12194>. First published online 24 November 2021.

### PRESENTATIONS:

None reported.

### VIRTUAL POSTER PRESENTATIONS:

Cid JC, Stone K, Reynolds K, Davis S, Gibson C. Comparison of New-onset Post-operative Atrial Fibrillation Between Patients Receiving Carvedilol vs. Metoprolol After Off-pump Coronary Artery Bypass Graft Surgery. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Davis KH, Hulsizer A. COVID-19 mRNA Vaccine Induced Pericarditis. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Fokar A, Schillig J, Palasik B, Howard M. Evaluation of Asthma-Chronic Obstructive Pulmonary Disease Exacerbation Treatment on Hospital Readmissions. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Ironbar C, Bane A, Li Y. Time Spent in INR Therapeutic Range in Pharmacist-Managed Warfarin Therapy vs. Physician-Managed Warfarin Therapy. 2021 ASHP

Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

William Weiss — Industry Sponsored Project; \$17,540.62; Tolerability and Pharmacokinetics in the Murine Thigh Infection Model with *E. coli*; 11/30/21 – 11/29/22.

Kanene N. Association of Vitamin K Administration and Reduction in International Normalized Ratio (INR). 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Pham I, Yang HN. Evaluation of a Nurse-Driven Heparin Infusion and Titration Protocol in the Healthcare System. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Shrader Sherman HM, Mathew C, Cid J, Ojukwu R. Evaluation of Apixaban Prescribing Practices Within an Academic Teaching Hospital. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

te Poele NA, Ho JS, McLeroy-te Poele AN, Darden CE, Howell CK. Meta-Analysis and Systematic Review of Post-transplant Infection Rates Following Prophylactic and Preemptive Strategies in Solid Organ Transplant Recipients. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

Vadakedom T, Tupper S, Williams L. Order Trends After Education on Acetaminophen, Non-Steroidal Anti-Inflammatory Drug, and Single Opioid Agent Use. 2021 ASHP Midyear Clinical Meeting Virtual Posters. December 5-9, 2021.

#### GRANTS/CONTRACTS AWARDED:

William Weiss — Industry Sponsored Project; \$11,696.62; Dose Ranging Efficacy Study in the Murine Lung infection Model with *Pseudomonas aeruginosa*; 8/11/21 – 11/30/21.

William Weiss — Industry Sponsored Project; \$262,377.07; Efficacy of novel therapeutic agents in the murine UTI model; 10/18/21 – 4/30/22.

William Weiss — Industry Sponsored Project; \$27,497.29; Pharmacokinetics of submitted test article in naïve and *P. aeruginosa* lung infected mice; 9/28/21 – 11/30/21.

William Weiss — UNTHSC Internal Project; \$4,393.8; Pharmacokinetics of JHU-4694 mice; 11/17/21 – 11/16/22.

William Weiss — Industry Sponsored Project; \$17,948.48; Murine Subcutaneous Biofilm Infection Model; 11/29/21 – 11/28/22.