

Congratulations to College of Pharmacy faculty for the following accomplishments:

Publication

Dr. Cynthia Jackevicius, Dr. Lingyun Liu (former fellow of Dr. Jackevicius), and colleagues published an article in the journal *Circulation: Cardiovascular Quality and Outcomes* titled, “Bleeding Risk of Direct Oral Anticoagulants in Patients with Heart Failure and Atrial Fibrillation.”

Summary from the journal: “DOACs overall, apixaban and dabigatran, but not rivaroxaban, were associated with less total bleeding and death than warfarin in patients with heart failure and atrial fibrillation at all levels of renal function. Renal function decline resulted in increased bleeding in patients with DOACs. DOAC dose adjustment was often indicated, associated with increased bleeding when not adjusted, emphasizing the need for closer monitoring in these patients.”

It should also be noted that the authors found more dose adjustments, lower rates of bleeding and death in patients seen by pharmacists, demonstrating the value of pharmacist-provided patient care.

Jackevicius CA, Lu L, Ghaznavi Z, Warner AL. Bleeding Risk of Direct Oral Anticoagulants in Patients with Heart Failure and Atrial Fibrillation. *Circulation: Cardiovascular Quality and Outcomes*. <https://doi.org/10.1161/CIRCOUTCOMES.120.007230>

Recognition

Dr. Don Roosan’s publication in the August 2020 issue of *The Pharmacogenomics Journal* has been selected to be in the collection Readers Choice: The best of *The Pharmacogenomics Journal* 2020. The article titled “Pharmacogenomics Cascade Testing (PhaCT): a Novel Approach for Preemptive Pharmacogenomics Testing to Optimize Medication Therapy” is among the top 12 articles of 2020 for the journal.

<https://www.nature.com/collections/ahdcadihhd>

Community Service

WesternU College of Pharmacy faculty and student pharmacists continue to be in the front lines assisting with COVID vaccine administration.

Dr. Rachel Ryu, Sylvia Uong (PharmD 2021), and Edison Escobar (PharmD 2021) volunteered at Foothill Presbyterian Hospital as well as Pomona Valley Hospital. Their efforts were recognized and highlighted in a recent issue of InfoSource, California Society of Health-System Pharmacists newsletter.

https://cdn.ymaws.com/www.cshp.org/resource/resmgr/files/news/InfoSource_2.4.21.pdf

Publication

Arbi Nazarian, PhD and his collaborators published the following:

- Cruz B, Carcoba LM, Flores RJ, Espinoza EJ, Nazarian A, O'Dell LE. Insulin restores the neurochemical effects of nicotine in the mesolimbic pathway of diabetic rats. *J Neurochem.* 2021 Jan;156(2):200-211. doi: 10.1111/jnc.15104. Epub 2020 Jul 22. PMID: 32562571; PMCID: PMC7749845. [Link to Abstract](#)
- Nazarian A, Negus SS, Martin TJ. Factors Mediating Pain-Related Risk for Opioid Use Disorder. *Neuropharmacology.* 2021:108476. Epub 2021/02/02. doi: 10.1016/j.neuropharm.2021.108476. PubMed PMID: 33524407. [Link to Abstract](#)

Arbi Nazarian, PhD was named a co-editor of the journal *Neuropharmacology's* special issue on Vulnerabilities to Substance Abuse.

Arezoo Campbell, PhD and her collaborators published the following:

- Stephen CB, Arezoo C. Melatonin and Regulation of Immune Function: Impact on Numerous Diseases. *Current Aging Science.* 2020;13(2):92-101. doi: <http://dx.doi.org/10.2174/1874609813666200711153223>.
- Neshan M, Campbell A, Malakouti SK, Zareii M, Ahangari G. Gene expression of serotonergic markers in peripheral blood mononuclear cells of patients with late-onset Alzheimer's disease. *Heliyon.* 2020;6(8):e04716. doi: <https://doi.org/10.1016/j.heliyon.2020.e04716>.
- Fatemeh A, Farid D, Arezoo C, Farrokh A, Ghasem A. Characterization of Dopamine Receptor Associated Drugs on the Proliferation and Apoptosis of Prostate Cancer Cell Lines. *Anti-Cancer Agents in Medicinal Chemistry.* 2021;21(9):1160-71. doi: <http://dx.doi.org/10.2174/1871520620999200831110243>.