

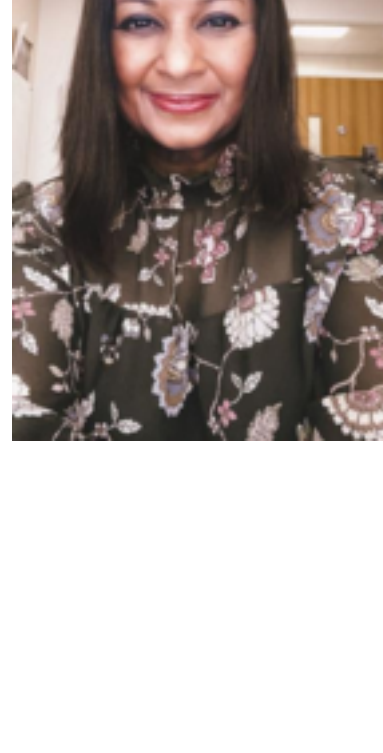
eScripts is a monthly newsletter highlighting faculty, staff, students and alumni of the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences.



April 2023



Colorado Consortium A Leader in Opioid Settlement Distribution
Colorado is the very first state in the nation to be recognized by the Johns Hopkins Bloomberg School of Public Health for excellence in application of the Principles for the Use of Funds from the Opioid Litigation, and the Colorado Consortium for Prescription Drug Abuse Prevention, housed on the first floor of the CU Pharmacy building, has played a leading role. A key component of Colorado's strategy has been the development of the Colorado Opioid Settlement Memorandum of Understanding (MOU), which provided the framework for the disbursement of opioid settlement funds to 19 regions, local governments, an infrastructure fund, and a state fund.



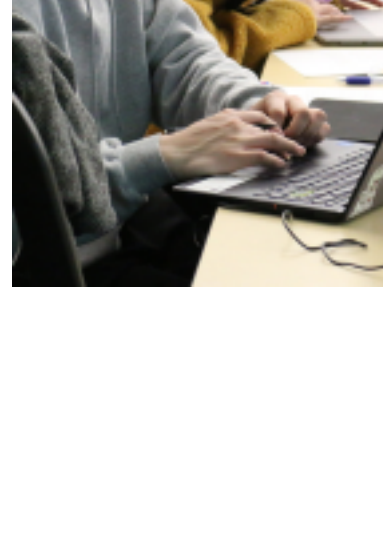
Nair Advocates at the State and Federal Level
Kavita Nair, PhD, represented CU Pharmacy at Neurology on the Hill, in which she met with Congress on legislative issues important for patients with neurological disease. Her state-focused advocacy efforts include an op-ed supporting the accumulator ban bill (SB195). The bill affects MS patients disproportionately and patients with rare disease (ALS, SMA for examples) including those taking newer innovator drugs/ gene therapy leaving them on the hook for thousands of dollars when outside financial assistance is no longer allowed to count towards a patient's out of pocket costs.

Read the Op-Ed



Big Data and Bold Medicine: CU Anschutz Returns to Airwaves with 'Possibilities Endless'
This spring, the University of Colorado Anschutz Medical Campus returned to primetime. March 13 marked the launch of the latest phase of the CU Anschutz advertising campaign Possibilities Endless. The campaign features the CU Pharmacy Center for Drug Discovery and our own researchers, Dan LaBarbera, PhD, and Qiong Zhou, MS. CU Anschutz chancellor Don Eiliman says the campaign highlights the people who make new discoveries and treatments possible, and the spirit of collaboration and passion for improving health that unite us in common purpose.

Read More



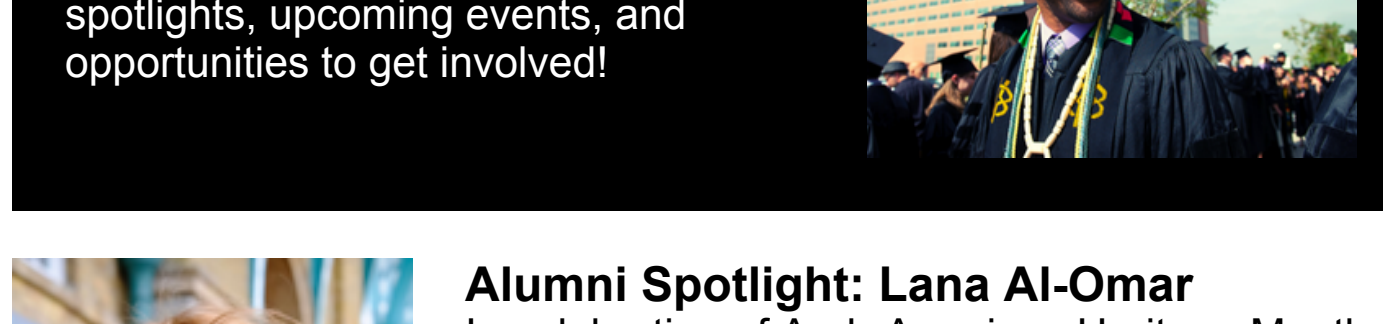
Escape Room Highlights Innovative Pharmacy Teaching
The countdown clock on the wall and the nervous brows on the students indicated this wasn't your normal PharmD classroom. Welcome to the Pharmacy Escape Room, part of the Infectious Diseases elective course offered to P3 students and taught by Drs. Meghan Jeffries and Doug Fish. The escape room is the brainchild of associate professor, Meghan Jeffries, PharmD, and an example of the innovative teaching methods students are likely to experience in the Skaggs School of Pharmacy and Pharmaceutical Sciences.

Read More

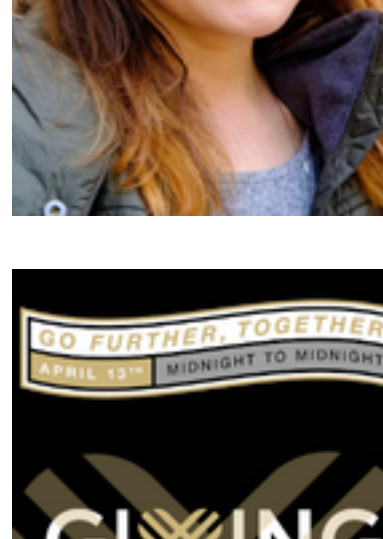


Concertgoers Allowed to Carry Narcan into Festivals. Will it Help Save Lives?
As festival season kicks off and the Food and Drug Administration approves naloxone for over-the-counter sales, the fight to prevent fentanyl deaths gains momentum. Dr. Rob Valuck, RPh, PhD, spoke with Laura Kelley about the recent FDA approval of the nasal spray Narcan, and why that is good news for music festival attendees hoping to carry the medication in case they witness an opioid overdose.

Read More



Alumni Zone
Look here for the monthly alumni spotlights, upcoming events, and opportunities to get involved!



Alumni Spotlight: Lana Al-Omar
In celebration of Arab-American Heritage Month this April, we feature 2016 CU Pharmacy alumna Lana Al-Omar as the Alumni Spotlight. Lana reflects on her time as a student on campus, catching us up to date on where she is today, along with sharing pearls of wisdom to guide future pharmacists.

Read more



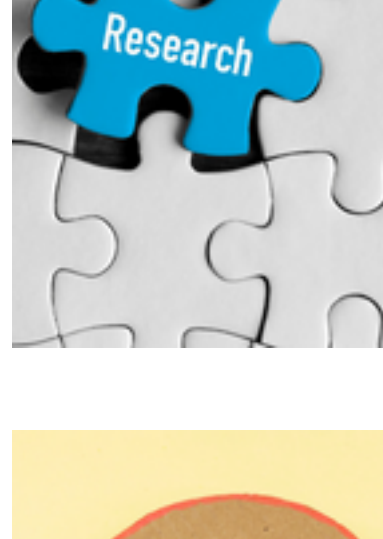
Go Further, Together
On April 13, CU Anschutz alumni, friends, faculty, and staff will come together for a 24-hour, online giving event to raise dollars for scholarships and program support across campus. Join us in going further for the CU Skaggs School of Pharmacy. This is where we make the commitment to Go Further, Together.

Make a Gift



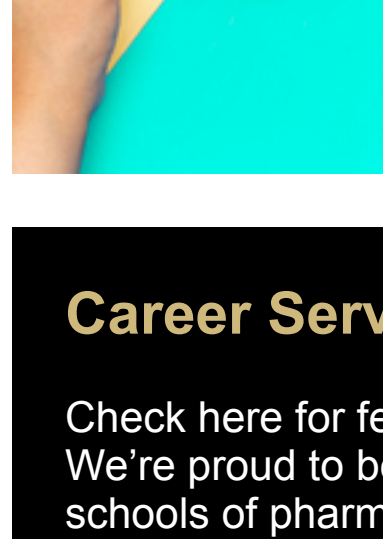
Preceptors Needed at Health Fair
If you are a registered preceptor with an active license in the state of Colorado, you're needed to help at a health fair scheduled for Saturday, April 22, 9 AM-1 PM, at the Living Water Church in Aurora. Preceptors will be guiding students as they participate in screenings for BP, BMI, Lipid, and Glucose. There will also be an "Ask a Pharmacist" table as well for general health questions.

Sign Up



Become an Alumni Ambassador
The CU Pharmacy Alumni Association is looking for alumni to join its Alumni Ambassador program. Sign up to be an ambassador today and receive communications on volunteer opportunities in your interest areas at the school and around the community. Alumni Ambassadors help shape the future of Pharmacy and share their pride of CU Pharmacy. Join today.

Join the Ambassadors



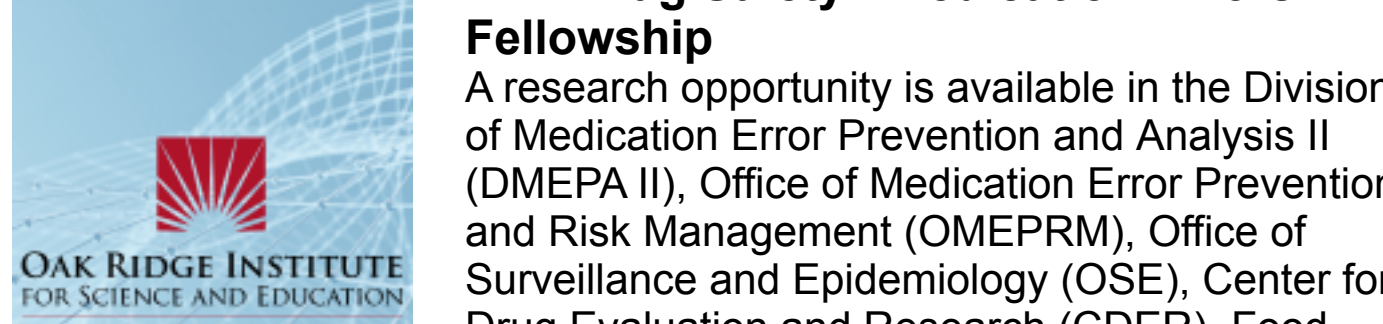
Pharmacists Needed for Research Survey
Take part in a survey examining pharmacists' perceptions around pharmacy technician immunization. The survey is conducted as part of a research project for completion of a candidate's Masters of Science in Health Services Administration at the University of Wyoming School of Pharmacy.

Answer the Survey



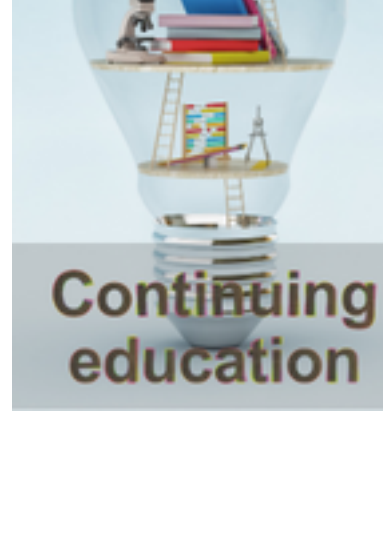
Alumni Nomination Season
It's nomination season for CU Pharmacy alumni. Here are two ways to show your School pride by nominating a fellow alumna/alumnus for either an alumni board position or for an alumni award.

Alumni Award Nominations: bit.ly/3kF19ns
Alumni Board Nominations: bit.ly/3IWEAID



Career Services
Check here for featured job postings. We're proud to be one of the few schools of pharmacy with a Career Services Office devoted to helping students and alumni obtain employment.

New to eScripts, each month we will feature one job from the Career Services Department. Students and Alumni need to create a Handshake account. If they do not already have one, to apply to featured jobs. Click here to join: https://app.joinhandshake.com/login

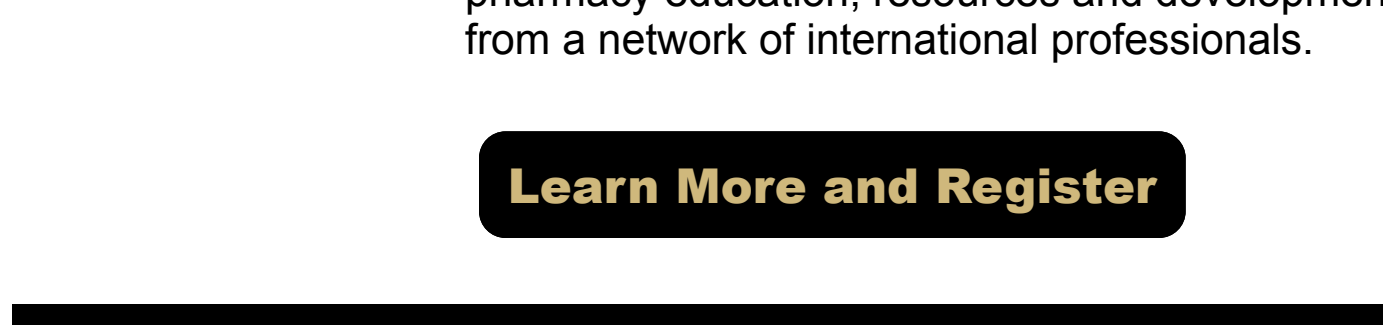


Career Watch Newsletter
Have you started receiving the new Career Watch Newsletter through the CU Pharmacy Career Services Office? Take advantage of this new resource to help meet your career search needs. For more information, contact Career Services Manager Laurie Sein at laurie.sein@cuanschutz.edu.

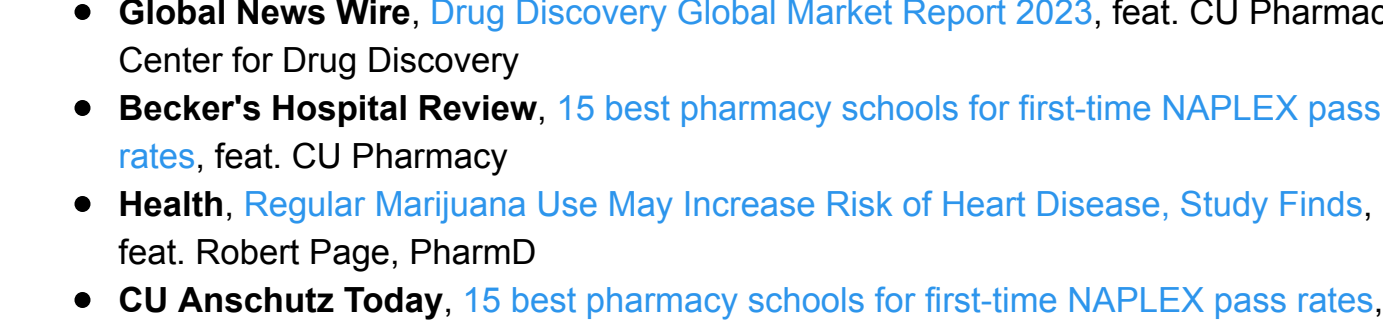


FDA Drug Safety - Medication Errors Fellowship
A research opportunity is available in the Division of Medication Error Prevention and Analysis II (DMEPA-II), Office of Medication Error Prevention and Risk Management (OMEPRM), Office of Surveillance and Epidemiology (OSE), Center for Drug Evaluation and Research (CDER), Food and Drug Administration (FDA) located in Silver Spring, Maryland. CDER performs an essential public health task by making sure that safe and effective drugs are available to improve the health of people in the United States.

Learn More and Apply

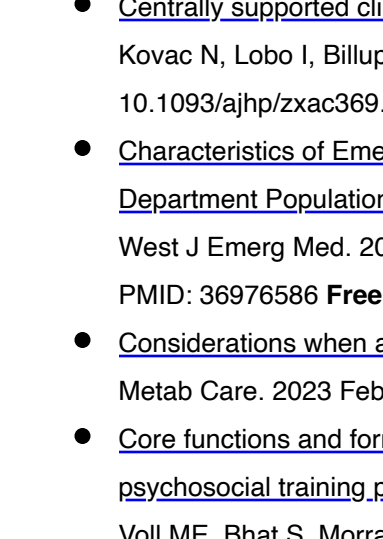


Continuing Education
Live and online ACPE-accredited programs for life-long learning.



3rd Annual Partnerships for Veteran and Military Health
Friday April 21 - Saturday April 22 (virtual and in person attendance options)
CU Anschutz Medical Campus in Aurora, Colorado
13121 E 17th Ave., Aurora, CO 80045
Join the CU Anschutz Medical Community in support of Veteran and Military Health. This conference will provide a collaboration of knowledge and sharing of experiences between healthcare professionals and Veteran and Military members.

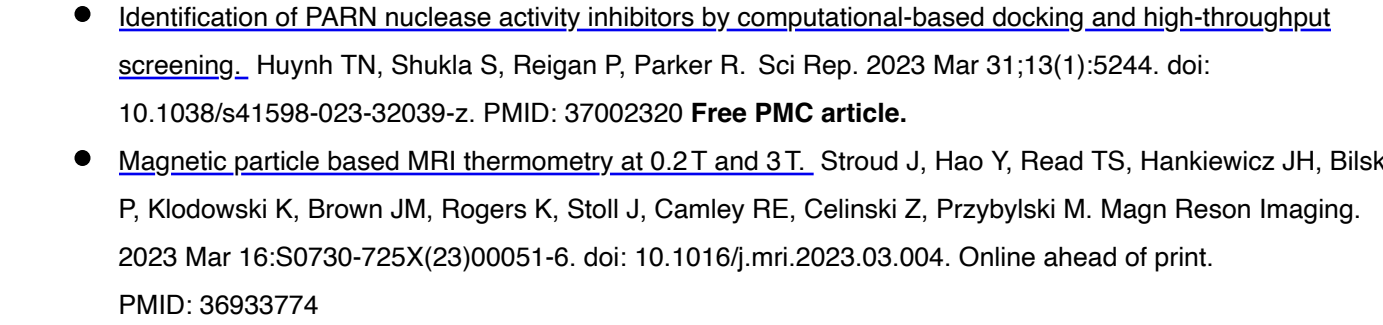
Learn More and Register



Register for Life-Long Learning in Pharmacy (LLLP) International Conference 2023!
July 2-5, 2023
Denver, Colorado
Australia, Croatia, Ireland and now Denver, Colorado! The University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences is proud and honored to be the host for the 14th Annual LLLP2023 international conference!

Join us at LLLP2023 and immerse yourself in pharmacy education, resources and development from a network of international professionals.

Learn More and Register



Thought Leaders
Monthly overview of faculty in the news and published research.

In The News

- Global News Wire. Drug Discovery Global Market Report 2023, feat. CU Pharmacy Center for Drug Discovery
Becker's Hospital Review, 15 best pharmacy schools for first-time NAPLEX pass rates, feat. CU Pharmacy
Health, Hospital Managers Use May Increase Risk of Heart Disease, Study Finds, feat. Robert Page, PharmD
CU Anschutz Today, 15 best pharmacy schools for first-time NAPLEX pass rates, feat. Kelly Anderson, PhD

Research Roundup

- Agonist induces sustained ERK1/2 activation and ERK1-dependent neurogenic death in breast cancer cells. Karandhi K, Mishra JPN, Agawal R, Singh RP. Toxicol Appl Pharmacol. 2023 Mar 14;221:116409. doi: 10.1016/j.taap.2023.116409. Epub 2023 Feb 3. PMID: 36740148
Association between Substance Misuse and Outcomes in Critically Ill Patients with Pneumonia. Reynolds PM, Ashar M, Wright GC, Ho PM, Kiser TH, Seattle PD, Alford MD, Moss M, Jolley SE, Vandiver RW, Burnham JL. Am J Respir Crit Care Med. 2023 Apr 20;207(8):956-969. doi: 10.1161/ATB.2022.020562. PMID: 37001614
Bacterial and Chemical Evidence of Coastal Water Pollution from the Tivana River in Sea Spray Aerosol. Pendergraft M, Belds-Ferre P, Petras D, Morris CK, Mills BA, Anon AT, Bryant M, Schwartz T, Ackermann G, Humphrey G, Kaandorp E, Dorrestain PC, Knight R, Phather KA. Environ Sci Technol. 2023 Mar 14;57(10):4071-4081. doi: 10.1021/acs.est.2c02312. Epub 2023 Mar 2. PMID: 36862087 Free PMC article
Centrally autopsied clinical chemical intervention to reduce clinical metrics in hypertension. Lowe FN, Rowe N, Lee J, Blake S, Au J. Health Syst Pharm. 2023 Mar 21;80(7):407-461. doi: 10.1003/phz.zs3c369. PMID: 36480345
Characteristics of Emergency Medicine Residency Programs Compared to the Overall Emergency Department Population. Vest A, Sorra B, Puts R, Arnold C, Devney Z, Ahmed A, Palford O, Monte AA. West J Emerg Med. 2023 Feb 25;24(2):312-321. doi: 10.5811/westem.2022.11.79811. PMID: 36916568 Free PMC article
Contraindications when administering medications orally in the critically ill. MacLaren R, Carr Olin CL, Nair KV, Metzbach Car. 2023 Feb 1. doi: 10.1097/MCO.0000000000000921. Online ahead of print. PMID: 36942868
Core functions and forms of Bright IDEAS: A multi-methods evaluation of the adoption of an evidence-based psychological training program through narrative adaptation. McNeal DM, Sahler OJZ, Noll RB, Fairbrother DL, Vol ME, Bhat S, Morais EH. Front Health Serv. 2022 Nov 4;2:928580. doi: 10.3389/hrs.2022.928580. eCollection 2022. PMID: 36928529 Free PMC article
Correlation between parietal thrombolysin time and thrombolysis in adult critically ill patients requiring dexamethasone for extracranial membrane oxygenation. Buckley MS, Benard GE, Medek J, Tekle LA, Gilbert B, Puebla Neria D, McNerney DA, Korkmeci G, Yerosopoulos M, Park A, O'Hea JA. MacLaren R. Pharmacotherapy. 2023 Mar 4;43(3):196-204. doi: 10.1002/phar.2776. Epub 2023 Feb 22. PMID: 36795923
Extended Stability of Vasopressin Injection in Polyvinyl Chloride Bags and Polypropylene Syringes and Its Impact on Critical Care Patients. Marzouk MA, Anderson PL, Ibrahim CO, Hurvitz KE, Bennett K, McAlwee T, Larkin M, Kiser TH. Hosp Pharm. 2023 Apr;58(2):205-211. doi: 10.1177/10618578221130229. Epub 2022 Nov 9. PMID: 36980958
High PrEP Uptake and Objective Longitudinal Adherence among HIV-exposed women with personal or partner plans for pregnancy in rural Uganda: A cohort study. Matthews LT, Akiunda EC, Owenbabai M, Kalyebara KP, Pharo C, Chitemi P, Henzira CW, Marzouk MA, Anderson PL, Ibrahim CO, Hurvitz KE, Bennett K, McAlwee T, Larkin M, Kiser TH, Hagg Pharm. 2023 Apr;58(2):205-211. doi: 10.1177/10618578221130229. Epub 2022 Nov 9. PMID: 36980958
Miniature mass spectrometer-based point-of-care assay for measuring alpha-hydroxybutyrate in blood. Pandey S, Nay Y, Anderson PL, Kiser TH, Coates SW, Kalyebara KP, Henzira CW, Marzouk MA, Anderson PL, Ibrahim CO, Hurvitz KE, Bennett K, McAlwee T, Larkin M, Kiser TH, Hagg Pharm. 2023 Apr;58(2):205-211. doi: 10.1177/10618578221130229. Epub 2022 Nov 9. PMID: 36980958
Multidisciplinary Care in Heart Failure Services. Skates G, Kido K, Panjrahi O, Benton E, Page R 2nd, Patel J, Smith PJ, Korouss S, Guglin M. J Card Fail. 2023 Mar 13;31(7):1414-1423. doi: 10.1177/10705275221130229. Epub 2023 Feb 27. PMID: 36755519 Clinical Trial
Parental self-reported adherence to medication instructions in response to limited settings: A full educational response analysis of the parent medication adherence study. Shiao M, Jeffrey MR, Jones DM, Siver KW, Wagner JL, Bland CM. JAC Antimicrob Resist. 2023 Mar 20;5(2):dta014. doi: 10.1093/jac/dkac014. eCollection 2023 Apr. PMID: 36949820 Free PMC article. Review
Ethical availability of medications with concentrated neonatal and pediatric parenteral nutrition: A simulated Y-site drug compatibility study. Ross EL, Potts K, Salinas A, Her C, Carpenter JF, JiJEN J, Parmenter ND. Eur J Clin Pharm. 2023 Mar 4;79(3):297-301. doi: 10.1007/s00227-022-01012-2. Epub 2022 Oct 15. PMID: 36025826
Evaluating the cardiovascular in aged mice after chronic ethanol exposure: Identifying lipid metabolic changes as drivers of hepatic steatosis. Anton PE, Rutt LN, Casper C, Orlicky DJ, McCallough RL, Alkhalil. 2023 Mar 10;117(1)-135. doi: 10.1016/j.alcohol.2022.08.012. Epub 2022 Sep 20. PMID: 36150611
Prospective, randomized, controlled, trial to assess ASA DORIS by body mass index in healthy volunteers (DOSE study). Nay J, Hutchinson D, Rondina M, Kim K, Krowcova R, Kishan A, Trullio T, Tolley ND, Murphy M. Pharmacotherapy. 2023 Mar 4;43(3):215-225. doi: 10.1002/phar.2777. Epub 2023 Feb 27. PMID: 36755519 Clinical Trial
Revisiting nanoparticle transendothelial migration in the liver. Moghimi SM, McCullough R, Simberg M. Adv Ther. 2023 Mar 13;13(3):605-606. doi: 10.1016/j.ymthe.2023.01.024. Epub 2023 Feb 7. PMID: 36754053 Available.
Transforming pharmaceutical education: A needs-based global analysis for policy development. Elkaywan A, Usman N, Omer O, Taha R, Lashin N, Jada A, Choudhary Y, Malik C, Al-Aziz M, Al-Masri M, Al-Husseini AK, Nahal M, Darwish R, Lee BJ, Shaiba R, Gallagher PJ, Mousa P, Lourenco L, McKinnon RA, Alisari RL, Explorer Res Clin Soc Pharm. 2023 Feb 14;9:100294. doi: 10.1016/j.resoc.2023.100294. eCollection 2023 Mar. PMID: 36876147 Free PMC article. Review
Treatment of hepatocellular carcinoma by mTOR inhibitor in situ vasoregulation using cryoablation and a pilot study. Immamoghadam, Omani MA, Bangar A, Yang Y, Jung E, Saurova C, Marz T, Shaha S, Westler NJG, Ghemrawi M, Newman JD, J Neurochem Res. 2023 Mar 18;51(5):1015-1022. doi: 10.1016/j.jnc.2023.03.016. Online ahead of print. PMID: 36997921