

10-17-2019

Research News. Publications, 2019. Volume 3

University of Mississippi. School of Pharmacy

Soumyajit Majumdar

University of Mississippi

Follow this and additional works at: https://egrove.olemiss.edu/pharmacy_publications



Part of the **Pharmacy and Pharmaceutical Sciences Commons**

Recommended Citation

University of Mississippi. School of Pharmacy and Majumdar, Soumyajit, "Research News. Publications,

2019. Volume 3" (2019). *Publications (2015-)*. 11.

https://egrove.olemiss.edu/pharmacy_publications/11

This Report is brought to you for free and open access by the Research Grants, Publications, and U. S. Patents at eGrove. It has been accepted for inclusion in Publications (2015-) by an authorized administrator of eGrove. For more information, please contact egrove@olemiss.edu.



THE UNIVERSITY of
MISSISSIPPI
SCHOOL OF PHARMACY

Interoffice Memorandum
School of Pharmacy
Office of the Dean
University, MS 38677-1848
Phone: (662) 915-7267

To: All School of Pharmacy and USDA personnel

From: Soumyajit Majumdar, Associate Dean for Research and Graduate Programs

Date: October 17, 2019

Publications which have appeared between July 1 and September 30, 2019

1. Abbaspour J, Ehsanpour AA, Aghaei M, Ghanadian M. Sesquiterpene lactones from shoot culture of Artemisia aucheri with cytotoxicity against prostate and breast cancer cells. *Res Pharm Sci.* 2019;14(4):329-34.
2. Ajayi TO, Srivedavyasasri R, Nyong EE, Odeniyi MA, Moody JO, Ross SA. Two new phytoecdysteroids from Sphenocentrum jollyanum Pierre root. *Steroids.* 2019;150:108456.
3. Albadry MA, Khan IA. Roadmap for Quality by Design Implementation for Dietary Supplements. *J AOAC Int.* 2019;10.5740/jaoacint.18-0415.
4. Allen DD. Leading the Way in Pharmacy Education: Diversity, Equity and Inclusion, Wellness and Resilience: Address of the 2018-2019 President to the Opening General Session at the 2019 Annual Meeting. *Am J Pharm Educ.* 2019;83(6):7781.
5. Alshehri S, Shakeel F, Elzayat E, Almeanazel O, Altamimi M, Shazly G, Kazi M, Almutairy B, Alsulays B, Alshetaili A, Alalaiwe A, Repka M. Rat palatability, pharmacodynamics effect and bioavailability of mefenamic acid formulations utilizing hot-melt extrusion technology. *Drug Dev Ind Pharm.* 2019;45(10):1610-6.

6. Bae J-Y, Ali Z, Wang Y-H, Chittiboyina AG, Zaki AA, Viljoen AM, Khan IA. Anthraquinone-Based Specialized Metabolites from Rhizomes of *Bulbine natalensis*. *J Nat Prod.* 2019;82(7):1893-901.
7. Bae J-Y, Avula B, Zhao J, Raman V, Wang Y-H, Wang M, Zulfigar F, Feng W, Park JH, Abe N, Ali Z, Khan IA. Analysis of prenylflavonoids from aerial parts of *Epimedium grandiflorum* and dietary supplements using HPTLC, UHPLC-PDA and UHPLC-QToF along with chemometric tools to differentiate *Epimedium* species. *J Pharm Biomed Anal.* 2019;177:112843.
8. Bhagat S, Arfeen M, Das G, Ramkumar M, Khan SI, Tekwani BL, Bharatam PV. Design, synthesis and biological evaluation of 4-aminoquinoline-guanylthiourea derivatives as antimalarial agents. *Bioorg Chem.* 2019;91:103094.
9. Bhatt P, Narvekar P, Lalani R, Chougule MB, Pathak Y, Sutariya V. An in vitro Assessment of Thermo-Reversible Gel Formulation Containing Sunitinib Nanoparticles for Neovascular Age-Related Macular Degeneration. *AAPS PharmSciTech.* 2019;20(7):281.
10. Bonn-Miller MO, Pollack CV, Jr., Casarett D, Dart R, ElSohly M, Good L, Guzman M, Hanus L, Hill KP, Huestis MA, Marsh E, Sisley S, Skinner N, Spahr J, Vandrey R, Viscusi E, Ware MA, Abrams D. Priority Considerations for Medicinal Cannabis-Related Research. *Cannabis Cannabinoid Res.* 2019;4(3):139-57.
11. Buckner SL, Jessee MB, Dankel SJ, Mattocks KT, Mouser JG, Bell ZW, Abe T, Bentley JP, Loenneke JP. Blood flow restriction does not augment low force contractions taken to or near task failure (†). *Eur J Sport Sci.* 2019;1:1-10.
12. Chastain DB, Veve MP, Wagner JL. Abnormal QTc syndrome in HIV-infected patients: a systematic review of prevalence and risk factors. *Antivir Ther.* 2019;10.3851/IMP335.
13. Chaudhry SB, Veve MP, Wagner JL. Cephalosporins: A Focus on Side Chains and β -Lactam Cross-Reactivity. *Pharmacy (Basel).* 2019;7(3):E103.
14. Chen J, Zhao Y, Li X-C, Zhao J-H. Pyridine Alkaloids in the Venom of Imported Fire Ants. *J Agric Food Chem.* 2019;10.1021/acs.jafc.9b03631.
15. Coole JB, Burr SS, Kay AM, Singh JA, Kondakala S, Yang E-J, Kaplan BLF, Howell GE 3rd, Stewart JA Jr. Persistent organic pollutants (POPs) increase rage signaling to promote downstream cardiovascular remodeling. *Environ Toxicol.* 2019;34(10):1149-59.
16. Eissa IH, Metwaly AM, Belal A, Mehany ABM, Ayyad RR, El-Adl K, Mahdy HA, Taghour MS, El-Gamal KMA, El-Sawah ME, Elmetwally SA, Elhendawy MA, Radwan MM, ElSohly MA. Discovery and antiproliferative evaluation of new quinoxalines as potential DNA intercalators and topoisomerase II inhibitors. *Arch Pharm (Weinheim).* 2019:e1900123-e.
17. Fantoukh OI, Albadry MA, Parveen A, Hawwal MF, Majrashi T, Ali Z, Khan SI, Chittiboyina AG, Khan IA. Isolation, synthesis, and drug interaction potential of

- secondary metabolites derived from the leaves of miracle tree (*Moringa oleifera*) against CYP3A4 and CYP2D6 isozymes. *Phytomedicine*. 2019;60:153010.
18. Gochenauer AE, Holmes ER, Barber KE, Forsythe LR. The Current Landscape of Veterinary Compounding in the Pharmacy Setting. *Int J Pharm Compd*. 2019;23(5):422-7.
 19. Gochenauer AE, Rishniw M, Holmes ER, Forsythe LR. The Current Landscape of Veterinary Compounding in the Veterinary Setting. *Int J Pharm Compd*. 2019;23(5):428-33.
 20. Harris HM, Rousseau MA, Wanas AS, Radwan MM, Caldwell S, Sufka KJ, ElSohly MA. Role of Cannabinoids and Terpenes in Cannabis-Mediated Analgesia in Rats. *Cannabis Cannabinoid Res*. 2019;4(3):177-82.
 21. Hayat K, Rosenthal M, Zhu S, Gillani AH, Chang J, Bogale AA, Kabba JA, Yang C, Jiang M, Zhao M, Fang Y. Attitude of clinicians towards hospital-based antimicrobial stewardship programs: a multicenter cross-sectional study from Punjab, Pakistan. *Expert Rev Anti Infect Ther*. 2019;17(8):661-9.
 22. Hung A, Slejko JF, Lugo A, Shaya F, Haines ST, Mullins CD. Validating a Budget Impact Model Using Payer Insight and Claims Data: A Framework and Case Study. *J Manag Care Spec Pharm*. 2019;25(8):913-21.
 23. İlhan M, Ali Z, Khan IA, Taştan H, Küpeli Akkol E. Bioactivity-guided isolation of flavonoids from *Urtica dioica* L. and their effect on endometriosis rat model. *J Ethnopharmacol*. 2019;243:112100.
 24. İlhan M, Ali Z, Khan IA, Taştan H, Küpeli Akkol E. Promising activity of *Anthemis austriaca* Jacq. on the endometriosis rat model and isolation of its active constituents. *Saudi Pharm J*. 2019;27(6):889-99.
 25. Jariwala-Parikh K, Barnard M, Holmes ER, West-Strum D, Bentley JP, Banahan B, Khanna R. Autism Prevalence in the Medicaid Program and Healthcare Utilization and Costs Among Adult Enrollees Diagnosed with Autism. *Adm Policy Ment Health*. 2019;10.1007/s10488-019-00960-z.
 26. Khatri HR, Han C, Luong E, Pan X, Adam AT, Alshammari MD, Shao Y, Colby DA. Controlling the Cleavage of Carbon-Carbon Bonds To Generate α,α -Difluorobenzyl Carbanions for the Construction of Difluoromethylbenzenes. *J Org Chem*. 2019;84(18):11665-75.
 27. Labib RM, Zulfiqar F, Ibrahim MA, Balachandran P, Zhang J, Ross SA. FOXO signal activating alkaloids isolated from *Ochrosia elliptica* leaf cultivated in Egypt. *Medicinal Chemistry Research*. 2019;28(10):1628-32.

28. Lata H, Uchendu E, Chandra S, Majumdar C, Khan I, ElSohly M. Cryopreservation of axillary buds of cannabis sativa l. by v-cryoplate droplet-vitrification: the critical role of sucrose preculture. *CryoLetters*. 2019;40(5): 291-98.
29. Makenna P, Liu G, Chen P, Yates CR, Prasad GL. Urinary Leukotriene E4 and 2,3-Dinor Thromboxane B2 are Biomarkers of Potential Harm in Short-Term Tobacco Switching Studies. *Cancer Epidemiol Biomarkers Prev*. 2019:cebp.0342.2019.
30. Miranda MA, Mondal A, Sachdeva M, Cabral H, Neto YAAH, Khan I, Groppo M, McChesney JD, Bastos JK. Chemosensitizing Effect of Cernumidine Extracted from Solanum cernuum on Bladder Cancer Cells in Vitro. *Chem Biodivers*. 2019;10.1002/cbdv.201900334.
31. Misra SK, Orlando R, Weinberger SR, Sharp JS. Compensated Hydroxyl Radical Protein Footprinting Measures Buffer and Excipient Effects on Conformation and Aggregation in an Adalimumab Biosimilar. *AAPS J*. 2019;21(5):87.
32. Mohamed MR, Ramsdale E, Loh KP, Arastu A, Xu H, Obrecht S, Castillo D, Sharma M, Holmes HM, Nightingale G, Juba KM, Mohile SG. Associations of Polypharmacy and Inappropriate Medications with Adverse Outcomes in Older Adults with Cancer: A Systematic Review and Meta-Analysis. *Oncologist*. 2019:theoncologist.2019-0406.
33. Parveen A, Wang Y-H, Fantoukh O, Alhusban M, Raman V, Ali Z, Khan IA. Development of a chemical fingerprint as a tool to distinguish closely related *Tinospora* species and quantitation of marker compounds. *J Pharm Biomed Anal*. 2019;178:112894.
34. Patel SH, Ismaiel OA, Mylott WR, Jr., Yuan M, McClay JL, Paris JJ, Hauser KF, McRae M. Cell-type specific differences in antiretroviral penetration and the effects of HIV-1 Tat and morphine among primary human brain endothelial cells, astrocytes, pericytes, and microglia. *Neurosci Lett*. 2019;712:134475.
35. Pomin VH, Vignovich WP, Gonzales AV, Vasconcelos AA, Mulloy B. Galactosaminoglycans: Medical Applications and Drawbacks. *Molecules*. 2019;24(15):2803.
36. Prabhu D, Khan S, Blackburn K, Posey J, Ashpole NM. Loss of Insulin-like Growth Factor-1 Signaling in Astrocytes Disrupts Glutamate Handling. *J Neurochem*. 2019:10.1111/jnc.14879.
37. Rong Y, Bentley JP, McGwin G, Yang Y, Banahan BF, Noble SL, Kirby T, Ramachandran S. Association between Transient Opioid Use and Short-term

Respiratory Exacerbation among Adults with Chronic Obstructive Pulmonary Disease (COPD): A Case-crossover Study. Am J Epidemiol. 2019;kwz169.

38. Tamraz B, Reisner L, French AL, King ST, Fischl MA, Ofotokun I, Kashuba A, Milam J, Murphy K, Augenbraun M, Liu C, Finley PR, Aouizerat B, Cocohoba J, Gange S, Bacchetti P, Greenblatt RM. Association between Use of Methadone, Other Central Nervous System Depressants, and QTc Interval-Prolonging Medications and Risk of Mortality in a Large Cohort of Women Living with or at Risk for Human Immunodeficiency Virus Infection. Pharmacotherapy. 2019;39(9):899-911.
39. Taskar PS, Patil A, Lakhani P, Ashour E, Gul W, ElSohly MA, Murphy B, Majumdar S. Δ(9)-Tetrahydrocannabinol Derivative-Loaded Nanoformulation Lowers Intraocular Pressure in Normotensive Rabbits. Transl Vis Sci Technol. 2019;8(5):15.
40. Wang YE, Kang NX, Zhao JP, Liu YL, Li KP, Xu QM, Khan IA, Yang S. Hederacolchiside C inhibits Enterovirus 71 propagation through activating innate immunity. J Infect Chemother. 2019:S1341-321X(19)30214-4.
41. White CW, Kyle JA, Deas CM, Campbell J. Noncarbapenems for the Treatment of Urinary Tract Infections Caused by Extended-Spectrum β-Lactamase-Producing Bacteria. South Med J. 2019;112(8):438-43.
42. Young J, Ramachandran S, Freeman AJ, Bentley JP, Banahan BF. Patterns of treatment for psychiatric disorders among children and adolescents in Mississippi Medicaid. PLoS One. 2019;14(8):e0221251-e.