



## RAK Medical & Health Sciences University, Ras Al Khaimah, UAE

### RAK College of Pharmacy

#### List of Publications

#### PUBLICATIONS of 2022-23 (From September 1<sup>st</sup> 2022 till August 31<sup>st</sup> 2023)

##### Department of pharmaceutics:

1. **Ramesh Venkata Kanteti\***, Omar Sarheed, Hemant Yadav, Quamrul Islam, Joshua Boateng, Studies on Almond Gum and Gelucire-Based Pellets Prepared by Extrusion and Spheronization for Sustained Release, *Turkish Journal of Pharmaceutical Sciences*. 2022;19(5):521-529.
2. **K.V.R.N.S. Ramesh**, Nameh Yousef Ower, Omar Sarheed, Quamrul Islam, Dissolution Enhancement of Indomethacin through Binary and Ternary Solid dispersions and Inclusion Complexes – A Comparative Evaluation, *Research Journal of Pharmacy and Technology*. 15(12): December 2022.
3. **Shahnaz Usman and Rubina Rafiq Ejaz**. Rapid and Sensitive Estimation of Montelukast in API and Pharmaceutical Dosage Forms by Using UV-Spectrophotometer. *Lat. Am. J. Pharm.*, 2022; 41 (11): 2203-8
4. G. Kiran Raj , Ekta Singh , Umme Hani , **K.V.R.N.S. Ramesh** , **Sirajunisa Talath** , Ankitha Garg , Komal Savadatti , Tanvi Bhatt , K. Madhuchandra , Riyaz Ali M. Osmani, Conductive polymers and composites-based systems: An incipient stride in drug delivery and therapeutics realm, *Journal of Controlled Release* 355 (2023) 709–729
5. **Shahnaz Usman**, Muhammad Akram, Fasiha Shah, **KVRNS Ramesh**, Quamrul Islam, Stability Indicating HPLC Method for Simultaneous Assessment of Clopidogrel Bisulfate and Aspirin: Development and Validation, *Int. J. Pharm. Investigation.*, 2023; 13(2):270-278.

##### Department of Pharmaceutical Chemistry:

1. **Sirajunisa Talath\***, Hemalatha K, **Adil Farooq Wali**, A Review on Significance of Moringa oleifera in the Treatment of Heme-Related Disorders and Malnutrition, *Journal of Pharmaceutical Negative Results*, 2022,13(4), 2022 .DOI: <https://doi.org/10.47750/pnr.2022.13.04.061>
2. Amad Al-Azzawi, Abdullah Al Dibsawi, **Sirajunisa Talath** , **Adil Farooq Wali and** Omar Sarheed, Method Development: The Antioxidant and Antifungal Activity of the Isolated Component from the Ethanolic Extract of Tecoma stans Leaves Using Flash Chromatography, *Separations* **2022**, 9, 317. <https://doi.org/10.3390/separations9100317>
3. Ashish M. Dhote, Vikas R. Patil, Deepak K. Lokwani, Nikhil D. Amnerkar, Vinod G. Ugale, Nitin B. Charbe, **Bhoomendra A. Bhongade** & Saurabh C. Khadse Strategic analyses to identify key structural features of antiviral/antimalarial compounds for their binding interactions with 3CLpro, PLpro and

RdRp of SARS-CoV-2: *in silico* molecular docking and dynamic simulation studies, *Journal of Biomolecular Structure and Dynamics*, 2022, 40:22, 11914-11931, <https://doi.org/10.1080/07391102.2021.1965912>

4. Suhil Altabbal, Khawla Athamnah, Aaisha Rahma, **Adil Farooq Wali**, Ali H. Eid, Rabah Iratni and Yusra Al Dhaheer, Propolis: A Detailed Insight of Its Anticancer Molecular Mechanisms, *Pharmaceuticals* 2023, 16, 450. <https://doi.org/10.3390/ph16030450>
5. Balaji Venkataraman, Saeeda Almarzooqi, Vishnu Raj, **Bhoomendra A. Bhongade**, Rajesh B. Patil, Veedamali S. Subramanian, Samir Attoub, Tahir A. Rizvi, Thomas E. Adrian and Sandeep B. Subramanya, Molecular Docking Identifies 1,8-Cineole (Eucalyptol) as A Novel PPAR Agonist That Alleviates Colon Inflammation, *International Journal of molecular Sciences*, 2023, 24, 6160. <https://doi.org/10.3390/ijms24076160>
6. Hemalatha Kamurthy, Sunitha Dontha, **Sirajunisa Talath**, H. M. Suresh, Isolation, characterization and evaluation of antioxidant and anticancer activities from isolated components of *Ixora chinensis* Lam. Flowers, *Annals of Phytomedicine* 12(1): 1-10, 2023.
7. Tatineni Spandana, Veera Venkata Nishanth Goli, Mohamed Rahamathulla, **Sirajunisa Talath**, Riyaz Ali M. Osmani, Mohammed Muqtader Ahmed, Syeda Ayesha Farhana, Shalam Mohamed Hussain, Bannimath Gurupadaya, Implications of Pharmacokinetic Potentials of Pioglitazone Enantiomers in Rat Plasma Mediated through Glucose Uptake Assay, *Molecules* 2023, 28, 4911. <https://doi.org/10.3390/molecules28134911>
8. Muneeb U Rehman and **Adil Farooq Wali**, Saba Beigh, Rasha Mohammed Saleem, Ali Hassan Ahmed Maghrabi, Eman H Khalifa, Saima Mushtaq, Dihydropyrimidinones: Recent Synthetic and Pharmacological Perspectives with Special Focus on Colon Cancer, *Journal of Pharmaceutical Research and Development*, 4(1), 2023, 1-13

#### Book Chapters:

1. Khair Ul Nisa, Najeebul Tarfeen, Humaira, Saba Wani, Qadrul Nisa, Shafat Ali, and **Adil Farooq Wali**, Proteomic approaches in the study of cancers, CHAPTER 8, *Proteomics: A promising approach for cancer research*, published by Elsevier, 205-217
2. **Sirajunisa Talath**, Hilal Ahmad Wani, Saima Mushtaq, **Adil Farooq Wali**, Muneeb U Rehman, Bisma Nisar, Novel dihydropyrimidine as potential cytotoxic agents in hepatic and blood cancers, *Dihydropyrimidinones as Potent Anticancer Agents Medicinal Chemistry Perspective*, Volume-1, 2023, Elsevier, 199-222
3. Fatimah Jan, Benu Chaudhary, Anshul Chawla, Syed Ovais, Saima Mushtaq, **Adil Farooq Wali**, Advances in the discovery of DHPMs as Eg5 inhibitors for the management of breast cancer, *Dihydropyrimidinones as Potent Anticancer Agents*, 2023, Elsevier, 223-242.
4. Prince Ahad Mir, Jasreen Uppal, Aneeza Noor, Mohammad Ovais Dar, Roohi Mohi-ud-din, **Adil Farooq Wali\***, Syed Ovais and Reyaz Hassan Mir, Recent advances of dihydropyrimidinone derivatives in cancer research, Chapter-6 *Dihydropyrimidinones as Potent Anticancer Agents Medicinal Chemistry Perspective*, 2023, Elsevier, 153-168

5. Abiza Wali, Mashooq Ahmad Dar, Aarif Ali, Iyman Rasool, Lubna Tariq, Azher Arafah, Muneeb U Rehman, Bashir Ahmad Malla, **Adil Farooq Wali**, Pharmacogenomics in psychiatric diseases, Pharmacogenomics, Academic press, 169-194
6. Mudasir Maqbool, Kitika Shenmar, Ansab Akther, Reyaz Hassan Mir, **Adil Farooq Wali\*** & Roohi Mohi-ud-din. Biochanin A Chemistry, Structural Modifications, and Therapeutic Applications: An Update. Chapter- 7 Bioprospecting of Tropical Medicinal Plants, 2023, Springer, 789–805

### **Department of Clinical Pharmacy and Pharmacology:**

1. Kelly Lockeman, Dixon Thomas, Alan Dow , Megan Willson , **Sathvik Sridhar** , Joseph A. Zorek. IC : An international interprofessionall clinical case competition for health professions students. *Journal of Interprofessional Education & Practice* **2022**; 29:100548 (collaboration with USA universities and UAE universities)
2. **Padma GM Rao, Syed Arman Rabbani**, Team Based Learning Experience from a College of Pharmaceutical Sciences in United Arab Emirates, *Indian Journal of Pharmaceutical Education and Research*, 56(4) 2022.
3. A Shariff, **Sathvik B Sridhar**, S Malavalli Siddalingegowda, **Javedh Shareef**, A Pradhan, P Kumar, J Philip, R Ramdinthari, D Balan Mageshwaran, Prevalence and Predictors of Prediabetes in a Multiethnic Society, *Value in Health* 2022; 25(7): S449
4. **Syed Arman Rabbani** , Shrestha Sharma, Asiya Mahtab, Faheem Hyder Pottoo, **Sathvik B. Sridhar**, A systematic scoping review of implementation of telepharmacy during COVID-19, *Journal of Applied Pharmaceutical Science* 0 (00); 2023: 001-015, DOI: 10.7324/JAPS.2023.113646.
5. Anass Qasem , **Syed Arman Rabbani**, Acute Kidney Injury Associated With Cholera (Open Access Case Report ), *Cureus* 15(1): 2023 e34101. DOI 10.7759/cureus.34101 doi: 10.7759/cureus.34101
6. Shruti Ayyalasomayajula , Aditi Dhawan , Mohammed Salim Karattuthodi , Shabeer Ali Thorakkattil ,Suhaj Abdulsalim , Mohamed Hassan Elnaem , **Sathvik Sridhar** and Mazhuvancherry Kesavan Unnikrishnan, A Systematic Review on Sociodemographic, Financial and Psychological Factors Associated with COVID-19 Vaccine Booster Hesitancy among Adult Population, *Vaccines* 2023, 11, 623. <https://doi.org/10.3390/vaccines11030623>
7. **Syed Arman Rabbani** , **Sathvik B. Sridhar** , Maryam Safdar , **Padma G. M. Rao** ,Ammar Ali Saleh Jaber , Mohammad M. AlAhmad , Khaled Shaar , Israa Emad and Muhammad Abdul Azim, Assessment of Prescribing Practices and Factors Related to Antibiotic Prescribing in Community Pharmacies, *Medicina* **2023**, 59, 843. <https://doi.org/10.3390/medicina59050843>
8. **Syed Arman Rabbani\***, Mohammed Sariah Haroosh Mossa, Ghaya Abdulrahman Mohammed Al-Moosa Al-Nuaimi and Fatema Ali Hasan Mohammed Al Khateri, Down syndrome: Knowledge and attitudes among future healthcare providers, *Journal of Taibah University Medical Sciences*, April 2023 1/9
9. **Javedh Shareef\***, **Sathvik Belagodu Sridhar** , Mullaicharam Bhupathyraaj , Atiqulla Sharif , Sabin Thomas and Mohammed Salim Karattuthodi, Assessment of the scope, completeness,

and consistency of various drug information resources related to COVID-19 medications in pregnancy and lactation, BMC Pregnancy and Childbirth (2023) 23:296 <https://doi.org/10.1186/s12884-023-05609-2>

10. Mohammad M. AlAhmad , **Syed Arman Rabbani**, Remah Al-Salman , Hiba Alameri ,Yamama Al Namer 6 and Ammar Ali Saleh Jaber, Antimicrobial Stewardship Practices of Community Pharmacists in United Arab Emirates, Antibiotics 2023, 12, 1238. <https://doi.org/10.3390/antibiotics12081238>
11. Anass Qasem, **Syed Arman Rabbani** , Safaa AlKhiami, Cryptococemia in pancreas-kidney transplant patient, Medical Mycology Case Reports 41 (2023) 41–43.
12. Sunil Kumar, Payal Rani, Kirteebala P Pawar, R.Hari Babu, Nilesh O.Chachda, Richa Dayaramani, **Areeg Anwer Ali**, Abhijit M Kanavaje, Pharmacological evaluation of antiulcer activity of *Moringa Olifera Lam root extract* for antiulcer activity, European Chemical Bulletin. 2023,12( issue 8),8917-8932

### **BOOK CHAPTER:**

1. **Syed Arman Rabbani**, Boshra Khaled, Huda Khaled, Shrestha Sharma,Faheem Hyder Pottoo and Asiya Mahtab, Neurochemical Alterations in Parkinson's Disease, Chapter-7, Neurochemical Systems and Signaling: From molecules to networks, 1<sup>st</sup> Edition, 2023, Taylor and Francis by CRC Press
- 2.

### **Patent:**

Dr. Sathvik- January-2023- German Patent

The application number : 202022106636.1.