

CURRICULUM VITAE

DR. ABIDA

Ph.D. (Pharmaceutical Chemistry)

Permanent Address: Department of Pharmacy, Northern Border University, Rafha, Saudi Arabia

E-mail: aabidamohd402@gmail.com

Alternative E-mail: abeda.mohammed@nbu.edu.sa

Mobile No: +966599577935

Google Scholar Id : https://scholar.google.com/citations?hl=en&user=Q_Zt_v8AAAAJ

ORCID id : <https://orcid.org/0000-0001-6186-461X>

Scopus Author ID : 7409670386

Research Gate Id : <https://www.researchgate.net/profile/Abida-Ash-Mohd>

PROFESSIONAL QUALIFICATION

S. No.	Degree (Thesis title)	Specialization	Year	University/Organization
1.	Doctor of Philosophy (Synthesis of Novel Pyridazine Derivatives of Pharmaceutical Interest)	Pharmaceutical Chemistry (Medicinal Chemistry)	2021	Apeejay Satya University, Sohna, India
2.	Master of Pharmacy 1. Method Development and Validation of Stability Indicating HPLC Method for Assay of Oseltamivir API) 2. Method development for Gatifloxacin tablets by RP-HPLC)	Pharmaceutical Chemistry	2007	GJUST, Hisar, India
3.	Bachelor of Pharmacy (All pharmacy subjects)	Pharmaceutical Sciences	2004	M.D. University, Rohtak, India
4	Diploma of Pharmacy (All pharmacy subjects)	Pharmaceutical Sciences	1999	Medical College Rohtak, India

OBJECTIVE

To offer my teaching skills and experience to an organization that provides a challenging career with long-term growth opportunities.

CURRENT JOB PROFILE

Currently working as Lecturer in the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, Kingdom of Saudi Arabia since October 29, 2013.

TOTAL PROFESSIONAL EXPERIENCE

1. Worked as lecturer in Advanced Institute of pharmacy, Palwal from August 2007 to September 2010.
2. Worked as Assistant Professor in Advanced Institute of pharmacy, Palwal from October 2010 to September 2013.
3. Currently working in the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, Kingdom of Saudi Arabia since October 29, 2013.

SCHOLARSHIP/AWARDS/ACHIEVEMENTS

Scholarships

1. Received the University Grants Commission Junior Research Fellowship during the Master of Pharmacy (Pharmaceutical Chemistry).

Awards

1. Achieved Academic Excellence Award, 2010-2011, Advanced Institute of Pharmacy, Palwal, India

Achievements

1. Secured first position in Bachelor of Pharmacy, M.D. University, Rohtak, India.
2. Secured first position in Master of Pharmacy, Guru Jambheshwar university, Hisar, India
3. Qualified Graduate Aptitude Test in Engineering (GATE), 2005 - (88.34 Percentile), conducted by Indian Institute of Technology (IIT), Roorkee.
4. Guided Pharm.D student in the session 2014-15 at Northern Border University, KSA

PRACTICAL TRAINING

1. Two months training at Nestor Pharmaceuticals Pvt. Ltd, Faridabad, India. (2004)
 - Content : Production and quality control.
2. One year Project work at Ranbaxy research laboratories, Gurgaon, India. (2006-2007)
 - Content : Analytical Department.
3. Three months practical training at civil hospital Palwal, India. (1999)

INSRUMENTS HANDLING

HPLC, LC-MS, IR, DSC, KF, UV- Spectrophotometer, Compact Titrator, Polarimeter, Conductivitymeter, Refractometer.

TECHNIQUES KNOWN

1. Analytical method development & validation.
2. Characterization of drug substances.
3. Stability study as per ICH guidelines.
4. Synthesis of chemical compounds.

RESEARCH INTEREST

1. Research in medicinal and analytical chemistry.

MEMBERSHIPS

1. Registered Pharmacist in Pharmacy Council of India.
2. Life time member of Indian Pharmacy Graduate Association.
3. Member of Saudi Heart Association.

LIST OF PUBLICATIONS (RESEARCH AND REVIEW)

1. **Abida**, Srinivas K, Narasimhan B, RP-HPLC stability indicating assay method development and validation for oseltamivir API, Chemical and Pharmaceutical Bulletin. Jan 2008; 56(4):413-417.
2. **Abida**, Imran M, Srinivas K, Narasimhan B, RP-HPLC assay method development and validation for gatifloxacin in tablet formulation, IJPI's Journal of Analytical Chemistry. 2011; 2(7):1-8.
3. **Abida**, Imran M, Parvez N, Rana A, An Updated Review: Newer Quinazoline Derivatives Under Clinical Trial, International Journal of Pharmaceutical & Biological Archives, Dec 2011; 2(6):1651-1657.
4. Tewatia N, **Abida** and Namdeo KP, Synthesis and antimicrobial activity of pyrazine carboxamide derivatives, Journal of Chemical and Pharmaceutical Research. 2012; 4(3):1794-1798.
5. Garg A, Akhtar MS, A Rana, **Abida**, Parvez N, A Comparative study between Retrospective and Prospective Drug Use Pattern Conducted in a Referral Teaching Hospital, New Delhi, INDIA, IJPI's Journal of Hospital and Clinical Pharmacy. 2012; 2(8):1-10.
6. **Abida** and Imran M, FDA Approved Drugs for Fibromyalgia, International Journal of Recent Advances in Pharmaceutical Research. July 2012; 2(3):1-4.
7. **Abida**, Alaqel S, Imran M, El-Feky SA, and Khan SA, Synthesis and antimicrobial activity of 3-(substituted phenyl)-1-(7-substituted coumarin-3-yl)prop-2-ene-1-ones, Journal of Chemical and Pharmaceutical Research. 2013; 5(12):1089-1093.
8. **Abida**, Imran M, Haggga MAM and El-Feky SA, New chemical entities of future for infectious diseases, European Journal of Experimental Biology. 2014; 4(1):613-624.
9. Imran M, **Abida**, El-Feky SA and Sangi S, Synthetic medicinal compounds for the treatment of hepatitis C, Der Pharma Chemica. 2014; 6(3):339-346.
10. Imran M, **Abida** and Khan SA, Synthesis and Antimicrobial Activity of Some 2-Amino-4-(7-Substituted/Unsubstituted Coumarin-3-yl)-6-(Chlorosubstituted phenyl) Pyrimidines, Tropical Journal of Pharmaceutical Research. July 2015; 14 (7):1265-1272.
11. Imran M, Tashtoush MH, Khalid F, Alsalman AJ and **Abida**, Awareness of vitamin supplementation among patients visiting out-patient physicians in Security Forces Hospital of Al-Dammam, Der Pharmacia Sinica. 2015; 6(10):25-30.
12. **Abida**, Al-Shammari JM, Balbki M, Imran M, Chidrawar V, Knowledge, attitude and practice of vitamin supplementation among people of the northern border region of Saudi Arabia, Der Pharmacia Lettre, 2015, 7 (9):233-238.

13. Imran M, **Abida** and Als Salman AJ, Synthesis and Evaluation of Antimicrobial Activity of Some 2-Morpholinomethylamino-4-(7-Unsubstituted/Substituted Coumarin-3-yl)-6-Chlorosubstituted phenyl Pyrimidines, *Tropical Journal of Pharmaceutical Research*. Feb 2016; 15(2): 393-404.
14. Mohd. Imran, **Abida**, 6-(4-Aminophenyl)-4,5-dihydro-3(2*H*)-pyridazinone: An Important Chemical Moiety for the Development of Cardioactive Agents : A review, *Tropical Journal of Pharmaceutical Research*, July 2016, 15(7), 1579-1590.
15. **Abida**, Md. Tauqir Alam, Mohd. Imran, Said A.H. El-Feky, Mohamed A.M. Hagga, Recent Drugs for The Management and Treatment of Fibromyalgia, *Indo American Journal of Pharmaceutical Sciences*, September 2016, 3 (11), 1361-1365.
16. Mohd Imran, Ozair Alam and **Abida**, Synthesis and antimicrobial activity of some 2-Piperidinomethylamino-4-(7-H/substituted coumarin-3-yl)-6-chlorosubstituted phenyl pyrimidines, *Tropical Journal of Pharmaceutical Research*, September 2016; 15 (9): 1955-1965.
17. Ishraga Eltayeb M. A-Elbasit, **Abida**, Ahlam Gwibir Sadah Alanazi, Dalia Amir Abdullah, Awareness About the Drug Safety and Medication Use Among the Pregnant Women of the Northern Border Region of Saudi Arabia, *Journal of Pharmaceutical Sciences*, October 2016, 3 (9), 1054-1061.
18. Faiyaz Shakeel, Mohd. Imran, **Abida**, Nazrul Haq, Fars K. Alanazi, Ibrahim A. Al Sarra, Solubility and thermodynamic/solvation behavior of 6-phenyl-4, 5-dihydropyridazin-3(2*H*)-one in different (Transcutol + water) mixtures, *Journal of Molecular Liquids*, January 2017; 230 (2017): 511–517.
19. Nouf Dughayshim Alshammari, **Abida**, Mohd. Imran, Souha Albolbol, Ishraga Eltayeb M. A-Elbasit, Analysis of the interaction between warfarin and some antibiotics in older patients at a tertiary hospital of dhahran: A retrospective cohort study, *Indo American Journal of Pharmaceutical Sciences*, April 2017; 4 (04), 888-896.
20. Badriah Ghadeer Alshammari, Mohd. Imran, **Abida**, Ishraga Eltayeb M. A-Elbasit, Assessment of the Perception and Satisfaction of the General Public of the Northern Border Region of Saudi Arabia towards the Responsibilities and Services Provided by the Pharmacists, , *Indo American Journal of Pharmaceutical Sciences* April, 2017, 4 (04), 879-887.
21. Mohd Imran, Nazrul Haq, **Abida**, Fars K. Alanazi, Ibrahim A. Al Sarra, Faiyaz Shakeel, Solubility and thermodynamics of 6-phenyl-4,5-dihydropyridazin-3(2*H*)-one in various neat solvents at different temperatures, *Journal of Molecular Liquids*, May 2017; 238 (2017) 455–461.
22. Mohd Imran, Mohammed Afroz Bakht, Abdul Samad and **Abida**, Synthesis of some quinoline-pyrazoline-based naphthalenyl thiazole derivatives and their evaluation as potential antimicrobial agents, *Tropical Journal of Pharmaceutical Research*, May 2017; 16 (5): 1147-1155.

23. Nayeem N, Imran M, **Abida** and Alam T, Physicochemical screening, thin-layer chromatographic studies and UV analysis of lactuca serriola, *International Journal of Biology, Pharmacy and Allied sciences*, May 2018; 7 (5): 732-739.
24. Asif M and **Abida**, A mini review on thiadiazole compounds and their pharmacological interest, *International Journal of Pharmaceutical Chemistry and Analysis*, 2018; 5(4): 156-164.
25. Mohammad Asif and **Abida**, A mini review on biological potential of 1,3,4-oxadiazole derivatives, *International Journal of Pharmaceutical Chemistry and Analysis*, Dec 2018; 5(4): 179-187.
26. Mohammad Asif, **Abida** and Md. Tauquir Alam, The potential role of Thioridazine in the treatment of tuberculosis, *International Journal of Medicine Sciences*, Jan 2019, 1(1), 1-7
27. Mohammad Asif, **Abida** and Md. Tauquir Alam, Brief overview on Biological Potential of Various Substituted Phthalazine and Phthalazine Analogues, *Journal of PharmaSciTech*, Feb 14, 2019; 8(2)
28. Mohammad Asif, **Abida** and Md. Touquir Alam, An Overview on Execution of Green Chemistry as an Alternative Technique in Organic Synthesis, *Journal of Advances in Pharmacy Practices*, July 2019, 1(2), 29-35.
29. Abida, Md. Tauquir Alam and Mohammad Asif, Pharmacological Activities of Pyridazine and Pyridazinone Derivatives: A Review on Biologically Active Scaffold, *South Asian Research Journal of Pharmaceutical Sciences*, July 2019, 1(1), 16-37.
30. Mohammad Asif, **Abida**, Mohd Imran, Study of Various Fused Heterocyclic Pyridazine Derivatives as Potent Anticancer Agents: A Brief Overview, *Acta Scientific Pharmaceutical Sciences*, August 2019, 3(9), 43-49.
31. **Abida**, Anupama Diwan, Hamdy K Thabet, Mohd Imran, Synthesis of some pyridazine derivatives as antioxidants and antimicrobial agents, *Tropical Journal of Pharmaceutical Research*, December 2019, 18(12), 2633-2641. DOI: <http://dx.doi.org/10.4314/tjpr.v18i12.24>.
32. Mohammad Asif, **Abida**, Mohd. Imran, Synthesis, characterization and antitubercular activity of 6-(aryl)-2(substituted methyl)-4,5-dihydro(2H)pyridazin-3-one derivatives against mycobacterium tuberculosis H₃₇RV, *International Journal of Pharmaceutical Sciences and Research*, Feb 2020, 11(2), 826-831.
33. **Abida Khan**, Anupama Diwan, Hamdy Kh. Thabet, Mohd Imran, Md. Afroz Bakht, Discovery of Novel Pyridazine-Based Cyclooxygenase-2 Inhibitors with a Promising Gastric Safety Profile. *Molecules*, April 2020, 25(9), 2002. <https://doi.org/10.3390/molecules25092002>.
34. **Abida Khan**, Anupama Diwan, Hamdy K Thabet, Mohd Imran, Synthesis of novel N-substitutedphenyl-6-oxo-3-phenylpyridazine derivatives as cyclooxygenase-2 inhibitors, *Drug Development Research*, August 2020, 1– 12. <https://doi.org/10.1002/ddr.21655>.

35. Imran M, Bakht MA, **Abida**, Alam MT, Anouar EH, Alshammari MB, Ajmal N, Vimal A, Kumar A, Riadi Y, An Improved Synthesis of Key Intermediate to the Formation of Selected Indolin-2-ones Derivatives Incorporating Ultrasound and Deep Eutectic Solvent (DES) Blend of Techniques, for Some Biological Activities and Molecular Docking Studies, *Molecules*. March 2020 25(5):1118. doi: 10.3390/molecules25051118.
36. Imran M, Bukhari K, Alshrari, AS, Hussain Shah SS, **Abida**, Bawadekji A, Molecular Docking Based Drug Repurposing Study of Antiviral Drugs against COVID-19 Virus Spike Receptor Binding Domain, *Pakistan Journal of Medical and Health Sciences*. September 2020;14(3):1040-1043.
37. Asif M, **Abida**, Alam MT, Pyridazinone Compounds: A Mini review on their antifungal activities, *Int. J. New. Chem.*, 2020 March;7(4):303-317. <https://doi.org/10.22034/ijnc.2020.115500.1058>.
38. Imran M, A S A, Thabet HK, **Abida**, Afroz Bakht M, Synthetic molecules as DprE1 inhibitors: A patent review. *Expert Opin Ther Pat*. 2021 Apr;31(8):759-772. doi: 10.1080/13543776.2021.1902990
39. Imran M, Alshrari AS, Asdaq SMB, **Abida**, Trends in the development of remdesivir based inventions against COVID-19 and other disorders: A patent review. *J Infect Public Health*. 2021 June;14(8):1075-1086. doi: 10.1016/j.jiph.2021.06.013.
40. Asif M, Imran M and **Abida**, Antimicrobial Activities of Various Thiazine Based Hetrocyclic Compounds: A Mini-Review. *Mini-Reviews in Organic Chemistry*. 2021 June 1;19(2):166-172. <https://doi.org/10.2174/1570193X18666210629102447>.
41. Imran M, A S A, Tauseef M, Khan SA, Hudu SA, **Abida**, Mucormycosis medications: a patent review. *Expert Opin Ther Pat*. 2021 June ;31(11):1059-1074. doi: 10.1080/13543776.2021.1939308.
42. Imran M, Asdaq SMB, Khan SA, Unnikrishnan Meenakshi D, Alamri AS, Alsanie WF, Alhomrani M, Mohzari Y, Alrashed A, AlMotairi M, Alkhaldi EH, Alorabi AK, Alshrari AS, Tauseef M, **Abida**, Alaqel SI, Alam O, Bakht MA, Innovations and Patent Trends in the Development of USFDA Approved Protein Kinase Inhibitors in the Last Two Decades. *Pharmaceuticals (Basel)*. 2021 Jul 22;14(8):710. doi: 10.3390/ph14080710.
43. Imran M, Kumar Arora M, Asdaq SMB, Khan SA, Alaqel SI, Alshammari MK, Alshehri MM, Alshrari AS, Mateq Ali A, Al-Shammeri AM, Alhazmi BD, Harshan AA, Alam MT, **Abida**, Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19. *Molecules*. 2021 Sep 24;26(19):5795. doi: 10.3390/molecules26195795.

44. Syed Mohammed BasheeruddinAsdaq, Naira Nayeem, **Abida**, Md. Tauquir Alam, Saleh I.Alaqel, Mohd.Imran, El-Waleed Elamin Hassan, Syed Imam Rabbani, *Tectona grandis* L.f: A comprehensive review on its patents, chemical constituents, and biological activities, Saudi Journal of Biological Sciences. 2021 Nov;29(3):1456-1464. <https://doi.org/10.1016/j.sjbs.2021.11.026>.
45. Alshammari AA, **Abida** and Eltaib L, Prevalence of Overweight and Obesity among the visitors of Prince Sultan Military Medical City. Pakistan Journal of Medical and Health Sciences. 2022 Jan;16(1):656-658.
46. Imran M, Khan SA, **Abida**, Alshrari AS, Mudawi MME, Alshammari MK, Small Molecule as Kinetoplastid Specific Proteasome Inhibitors for Leishmaniasis: A Patent Review from 1998-2021. Expert Opinion on Therapeutic Patents. 2022 Mar 11; 32(5):591-604. Doi:10.1080/13543776.2022.
47. Imran M, Khan SA, **Abida**, Alshammari MK, Alkhalidi SM, Alshammari FN, Kamal M, Alam O, Asdaq SMB, Alzahrani AK and Jomah S, *Nigella sativa* L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions and Patent Literature. Molecules. 2022 Apr 25;27(9):2750. <https://doi.org/10.3390/molecules27092750>.
48. Imran M, Thabet HK, Alaqel SI, Alzahrani AR, **Abida** A, Alshammari MK, Kamal M, Diwan A, Asdaq SMB and Alshehri S, The Therapeutic and Prophylactic Potential of Quercetin against COVID-19: An Outlook on the Clinical Studies, Inventive Compositions and Patent Literature. Antioxidants. 2022 Apr 29;11(5):876. <https://doi.org/10.3390/antiox11050876>.
49. Chaudhary A, Tomar R, Asdaq SMB, Imran M, Alaqel SI, Alamri AS, Alsanie WF, Alhomrani M, Arora M K, Bisht D, Dua K, Arya RKK, Singh S, Nayeem N and **Abida**, In silico screening of phytochemicals as potential inhibitors of sars-cov-2 mpro and human ace-2. International Journal of Pharmacology, 2022;18(1):104-115. DOI: 10.3923/ijp.2022.104.115
50. Alshammari M K.....**A Abida**, Imran M, Nanoplatform for the delivery of topotecan in the cancer mi-lieu: An appraisal of its therapeutic efficacy, Cancer, 2022 December 22;15(1):65. <https://doi.org/10.3390/cancers15010065>.
51. Aiman S, Alzahrani A k, Ali F, **Abida**.....Khan A, Comparative proteomics and Genome-wide drug ability analyses prioritized promising therapeutic targets against drug-resistant *Leishmania Tropica*, Microorganism, 2023 Jan 16;11(1);228. <https://doi.org/10.3390/microorganisms11010228>
52. Imran M, **Abida**.....Dzinzmarira, Oral Brincidofovir Therapy For Monkeypox Outbreak: A Fo-cused Review on the Therapeutic Potential, Clinical Studies, Patent Literature, and Prospects. Biomedicines, 2023 Jan 19; 11(2);278. <https://doi.org/10.3390/biomedicines11020278>.

53. Sahab M, Alzahrani A K, Duan X, Aslam M, **Abida**,.....Zheng G, An immunoinformatics approach to design novel and potent multi-epitope based vaccine to target lumpy skin disease, *Biomedicine*, 2023,Jan 26;11(2);398. <https://doi.org/10.3390/biomedicines11020398>.
54. Alshammari M K, Almomen E Y, **Abida**, Imran M, Nano-enabled strategies for the treatment of lung cancer: potential bottlenecks and future perspectives, *Biomedicines*, 2023,Feb 6;11(2), 473. <https://doi.org/10.3390/biomedicines11020473>.
55. Imran M, **Abida**, Aiotaibi N,.....Alshehri A, Computer-assisted discovery of safe and effective DprE1 inhibitors against TB utilizing drug repurposing approach, *Journal of infection and public health*, 2023,April;16(4), 554-572. <https://doi.org/10.1016/j.jiph.2023.02.005>.
56. Imran M, **Abida**, Aiotaibi N,.....Alshehri A, QcrB inhibition as a potential approach for the treatment of tuberculosis: A review of recent developments, patents, and future directions, *Journal of infection and public health*, 2023,April;16(6), 928-937. <http://doi.org/10.1016/j.jiph.2023.04.011>.
57. Tafadzwa Dzinamarira, Mazen Almeahmadi, Ahad Amer Alsaiari, Mamdouh Allahyani, Abdulelah Aljuaid, Abdulaziz Alsharif, **Abida Khan**,.....Mohd Imran, Highlights on the development,related patents, and prospects of lenacapavir: The First –In-Class HIV capsid inhibitor for the treatment of multi-drug resistant HIV-1 infection, *Medicina*, 2023, May 28;59(6), 1-16, <https://doi.org/10.3390/medicina59061041>.
58. Mohd Imran, Abida Ash Mohd, Naira Nayeem, Saleh Alaqel, In silico studies-assisted design,synthesis and discovery of biologically active isatin derivatives, *Tropical Journal of Pharmaceutical Research*, 2023 July 12;22(6), 1263-1269, DOI: 10.4314/tjpr.v22i6.16.
59. Imran M, **Abida**, Alotaibi N,Alshammari A, Repurposing Anti-Dengue compounds against Monkeypox Virus Targeting Core Cysteine Protease, *Biomedicines*, 2023, July 18;11(7), 2025, <https://doi.org/10.3390/biomedicines11072025>.
60. Shuaibu A Hudu, Fayig Elmigdadi,**Abida Ash Mohd**, Ansari M I, Trofinetide For Rett Syndrome: Highlights on The Develop-ment and Related Inventions of The First USFDA-Approved Treatment For Rare Pediatric Unmet Medical Need, *Journal of Clinical Medicine*, 2023 August 12;(15), 5114, DOI:10.3390/jcm12155114
61. Muhhamad Sarfraz, **Abida Khan**,Mohd Imran, Nanotechnology-Based Drug Delivery Approaches of Mangiferin: Promises, Reality and Challenges in Cancer Chemotherapy, *Cancers*, 2023, August 21;15(16), 4194, <https://doi.org/10.3390/cancers15164194>.
62. Muhhamad Sarfraz, Mosab Arafat, Syeda Huma H Zaidi, Lina Eltaib, **Abida Khan**,.....Mohd Imran, Resveratrol-Laden Nano-Systems in the Cancer Environment: Views and Reviews, *Cancers*, 2023, September 10;15(18), 4499 <https://doi.org/10.3390/cancers15184499>

63. Mohd Imran, **Abida Ash Mohd**, Naira Nayeem, Nawaf M. Al-Otaibi Malik Homoud, Muhannad, Alshammari. Synthesis and Cyclooxygenase-2 Inhibitory Activity Evaluation of Some Pyridazine Derivatives. *Orient J Chem* 2023, October 31;39(5), 113. Available from: <https://bit.ly/3Qmzb8m>
64. Syeda Huma Zaidi Haider, **Abida Ash Mohd**, Mohd Imran, Menwah Khalifah Alshammari, Khattab Fahed Alfrah, Design, In Silico Studies, and Synthesis of Some Azole Derivatives as Antimicrobial Agents. *Orient J Chem* 2023 November 6;39(6). Available from: <https://bit.ly/40tdF6o>
65. **Abida Ash Mohd**, Mohd Imran, Noura Yousif Alnaser, Shams Saud Altimyat, Nawaf M. Al-Otaibi, Abdulhakim Bawadekji, Discovery of New Isoniazid Derivatives As Anti-tubercular Agents: In Silico Studies, Synthesis, and In Vitro Activity Evaluation. *Orient J Chem* 2023, November 22;39(6). Available from: <https://bit.ly/3SSRYep>
66. Imran Kazmi, Abdulmalik Saleh Alfawaz Aitamimi, Muhhamad Afzal.....Mahendran Sekar **Abida Khan**, Non-coding RNAs: Emerging biomarkers and therapeutic targets in ulcerative colitis, *Pathology – Research and Practice* 2023, December ;253(4), 155037. DOI: 10.1016/j.prp.2023.155037.
67. Safraz M, Bakht M.A, Alshammari M.S.....Abida, Imran M, Beyond traditional medications: exploring novel and potential inhibitors of trypanothione reductase (LmTr) of Leishmania parasites, *Journal of Biomolecular Structure and Dynamics*, 2024, Jan <https://doi.org/10.1080/07391102.2023.2300062>

PUBLISHED / FILED PATENT APPLICATIONS

1. Mohd. Imran, **Abida**, Naira Nayeem, Tauquir Alam, Novel pyridazinone derivatives and process for their preparation, PCT International Publication Number **WO2019/202607A1**.
2. **Abida**, Annupama Diwan, Hamdy K. Thabet, Mohd Imran, Novel 4-(6-oxo 3-substitutedphenylpyridazin-1(6H)-yl) benzaldehydes of Pharmaceutical Interest, PCT International Publication Number **WO2021/124346A1**.
3. **Abida**, Anupama Diwan, Hamdy K. Thabet, Mohd Imran, Pyridazine Derivatives and their use as Cyclooxygenase-2 Inhibitors, PCT International Number **WO2021/124344A1**.
4. **Abida**, Anupama Diwan, Hamdy K. Thabet, Mohd Imran, and Md. Afroz Bakht, 6-oxo-3-Phenylpyridazine Based Cyclooxygenase-2 Inhibitors for the Treatment of Inflammatory Disease, PCT International Number **WO2021/186458A1**.
5. Mohd Imran, **Abida Ash Mohd**, Mohammad Tauquir Alam, Northern Border University. Morpholinyl-phenylamino-thiazole derivatives as DNA gyrase inhibitors. **German Patent Number DE202023102123U1**.
6. Mohd Imran, **Abida Ash Mohd**, Mohammed Sanad Alshammari, Nizal Khalf Alshammry, Faheed Ashawi Alrslani, Muteb Eid Alshammari, Rakan Nazal Alanazi, Northern Border University. Smart skin diseases detection medical device. **UK Design Patent Number 6310409**.
7. Mohammed Sanad Alshammari, Mohd Imran, **Abida Ash Mohd**, Ahmed Mershed Alhomoud, Muteb Eid Alshammari, Ahmad Abdullah Alshammari, Aadil Rghailan Alshammari, Northern Border University. Smart vest to detect fluid in lungs. **UK Design Patent Number 6310410**.
8. Mohd Imran, **Abida Ash Mohd**, Hamdy Khamees Thabet, Md Afroz Bakht, Syed Mohammed Basheeruddin Asdaq, Naira Nayeem, Md Tauquir Alam, Muhammad Wahab Amjad, Maria Abdul Ghafoor Raja, AlAnood Waslullah T. AlHajji, Pyridazine-based Pyridine Derivatives As Biologically Active Agents, **US Patent Application Number- 18/481,991** (Filing date October 5, 2023).

9. **Abida Ash Mohd**, Mohd Imran, Noura Yousif Alnaser, Shams Saud Altimyat, Northern Border University. Composition and method for synthesizing isoniazid-pyridazinone based DPRE1 inhibitors as anti-tubercular agents. **South African Patent Application Number 2023/09585** (Filing date October 13, 2023).
10. Syeda Huma Haider Zaidi, **Abida Ash Mohd**, Mohd Imran, Northern Border University. A composition for synthesizing triazole-pyridazinone hybrid compounds as inhibitors of sterol 14 α -demethylase. **German Utility Patent Application Number 202023106041.2** (Filing date October 18, 2023).
11. Mohd Imran, **Abida Ash Mohd**, Naira Nayeem, Malik Homoud, Muhannad Thafi Alshammari, Northern Border University. System to Synthesize Pyridazine Derivatives as Cyclooxygenase-2 Inhibitors and Evaluate Inhibitory Activity of the Derivatives. **German Utility Patent Application Number 202023105805.1** (Filing date October 18, 2023).

APPROVED PROJECTS

PRINCIPAL INVESTIGATOR			
Project Number	Agency	Title	Status
PHAR-2023-12-2377	Northern Border University	Discovery of New Isoniazid Derivatives As Anti-tubercular Agents: <i>In Silico</i> Studies, Synthesis, and <i>In Vitro</i> Activity Evaluation	Experimetal work completed
CO-INVESTIGATOR			
PHAR-2022-11-1393	Northern Border University	In silico studies assisted design, synthesis, and discovery of biologically active isatin derivatives	Completed
RG-NBU-2022-1598	Northern Border University	Drug Discovery and Development Against Infectious Disease	Completed
RG-NBU-2022-1705	Northern Border University	Drug Discovery and Development (Diabetes)	Experimetal work completed
SCIA-2023-12-2264	Northern Border University	Design, <i>In Silico</i> Studies, and Synthesis of Some Azole Derivatives As Antimicrobial Agents	Experimetal work completed
PHAR-2023-12-2272	Northern Border University	Synthesis and cyclooxygenase-2 inhibitory activity evaluation of some pyridazine derivatives	Experimetal work completed

CERTIFICATE COURSES FROM ELSEVIER / SPRINGER/WEBINARS

1. **Abida Khan**, “Evidence-Based Medicine for Clinical Practice, ClinicalKey,” at Northern Border University, held on 07 April, 2020, Presented by Sherif Onsy, Account Development Manager for MEA.
2. **Abida**, “Postmarketing Drug Safety Compliance : 2019 Inspection Findings Webinar,” held on 29 Aril, 2020, Presented by USFDA.
3. **Abida Khan**, “AI in Healthcare,” on May 5, 2020.
4. **Abida**, “ Live Webinar on Hyperkalemia,” held on 8 May 2020, by Saudi Heart Association.
5. **Abida**, “ Live Webinar Iron Deficiency Anemia in Heart Failure,” held on 13 May 2020, by Saudi Heart Association
6. **Abida**, “Live Webinar on Cardiology Challenges How to Tackle.” held on 15 May, 2020, by Saudi Heart Association.
7. **Abida Ash Mohd**, “FDA Drug Topics: FDA’s Bad Ad Program,” held on 19 May, 2020, Presented by USFDA.
8. **Abida Ash Mohd**, “Focus on Peer Review : A Nature Masterclasses online course,” held on 21 May 2020, Presented by Springer Nature.
9. **Abida Khan**, “ National Webinar on Safe Disposal of Expired and unused Medicine” held on 21 May 2020, presented by Society of Pharmaceutical Sciences and Research (SPSR) in association with ISF College of Pharmacy, Moga, Punjab, India.
10. **Abida Ash Mohd**, “Pharmaceutical Patent Drafting” organized by Amity Institute of Pharmacy, Health & Allied Sciences Domain, held on May 26, 2020, Presented by Amity University Uttar Pradesh, Noida, India.
11. **Abida Ash Mohd**, “Monograph reform is here, Learn how to prepare” held on May 29, 2020, Presented by USFDA.
12. **Abida Ash Mohd**, “Insights into Patent Filing Procedure for Researchers” held on May 30, 2020, presented by Career Point School of Pharmacy, Career point University, Kota, Rajasthan, India.
13. **Abida**, “Empowering pharmacists for next generation: To improve health and wellness” held on May 30-31, 2020, Presented by Society of Pharmaceutical Education and Research

14. **Abida Khan**, “The Article Publishing Process: An Elsevier Author Workshop (120 minutes),” held on 01 June, 2020, Presented by Mary Ann Zimmerman, Senior Publisher, Theren Mohan, Solutions, Sales Manager – eBooks.
15. **Abida Khan**, “The Book Publishing Process: An Elsevier Author Workshop (120 minutes),” held on 03 June 2020, Presented by Stacy Masucci, Publisher, Translational Medicine, Elsevier, Theren, Mohan, Solutions Sales Manager – eBooks.

SEMINAR/CONFERENCES/SYMPOSIA/WORKSHOPS ATTENDED

1. Attended “KSAPT 2021- Reimagining the Future of Pharmacy and Toxicology” from 27th November to 2nd December, 2021, Al Khobar, Saudi Arabia.
2. Attended “Faculty Development Program (FDP)” on “Herbal Nanopharmacology” from July 15 to July 19, 2019, at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India).
3. Symposium on “Continuous Medical Education on Designing pharmacotherapy plan for special population: Pediatrics, Geriatrics, Pregnancy and Lactating Women”, 12th March 2019 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
4. Symposium on “Continuous Medical Education on Research Methodology”, 13th November 2018 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
5. National conference on “Emerging Trends in Computational Drug Discovery” organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India) on 16th & 17th August 2018.
6. Workshop entitled “How to Design Future Drugs” in ETCDD-2018 organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India) in collaboration with Zastra Innovations Pvt. Ltd., Bengaluru on 17th August 2018.
7. Workshop on SHMS, 22nd May, 2018 held at Northern Border University, Rafha, KSA.
8. Workshop on Blackboard training, 31st Jan, 2018 held at Northern Border University, Rafha, KSA.
9. User and operation Training course of Anton Paar’s MCP 200 Modular Circular Polarimeter, 10th Dec, 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
10. Symposium on “Continuous Medical Education on Are patients safe in our hands?” A symposium on medication errors, 5th December 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.

11. Program in Application of pharmaceutical and Medicinal Chemistry, 5-9 November 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
12. User and Operation Training course of Compact Titrator, 25th Sep, 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
13. Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017 on “Emerging Trends in Pharmacology and Pharmacy Practice”, 1st and 2nd September, 2017 at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
14. Pre-Conference Workshop of Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017, 31st August, 2017 at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
15. National seminar on “Challenges and Opportunities in Nanoparticles”, 18th August, 2017 at RAM-EESH Institute of Vocational and Technical Education, Greater Noida, India.
16. Workshop on SHMS, June 2017 held at Northern Border University, Rafha, KSA.
17. Workshop on Blackboard training, May 2017 held at Northern Border University, Rafha, KSA.
18. Symposium on “Continuous Medical Education Ethical and regulatory aspects of preclinical and clinical research”, 25th April 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
19. Symposium on Continuous Medical Education on “Recent advances in the treatment of Diabetes Mellitus”, 27th Dec, 2016 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
20. Workshop on Learning Management System and E-Learning, 28th-29th August 2016 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
21. Workshop on Learning Management System and E-Learning, 25th August 2016 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
22. Workshop on Learning Management System and E-Learning, 21st August 2016 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
23. Workshop on setting up a course and managing the content area in the Black Board, 17th August 2016 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
24. National Seminar on “Advance in Technology: Regulatory and Clinical Aspects in Controlled Drug Delivery System”, 15th July, 2016 held at Delhi Pharmaceutical Sciences & Research University, New Delhi, India.
25. Work shop on E-courses design using Lectora Inspire 12, 11th -13th Nov 2015 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.

26. Workshop on Problem Based Learning, 10th May, 2015 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
27. Workshop on “Pharmacokinetics and Nonmem”, 13th April 2015 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
28. Workshop on “Principles and Applications of Radiopharmacy”, 12th April 2015 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
29. Workshop on “Clinical Trials”, 21st Dec 2014 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
30. Seminar on “Pharmaceutical chemistry and Pharm D Program”, 9th Dec 2014 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
31. Workshop on Saudi Digital Library, 28th Jan 2014 held at Northern Border University, Rafha, KSA.
32. Workshop on EBSCO and AskZad, 15th Jan 2014 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
33. Workshop on Saudi Digital Library, 4th Nov 2013 held at Northern Border University, Rafha, KSA.
34. First Annual National Convention of Association of Pharmacy Professionals, 7th April 2012 at Hotel Surendra Vilas, Bhopal, India.
35. IPGA Sponsored seminar on “Recent Advances in Drug Development and Research”, 3rd March 2012 held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
36. ISTE Sponsored seminar on “Recent Advances in Drug discovery and Design”, March 2011 held at B.S. Anangpuria Institute of Pharmacy, Alampur (Faridabad), India.
37. IPGA sponsored seminar on “Pharmaceutical Research and Development: Challenges and Opportunities”, 15th January, 2011 held at Advanced Institute of Pharmacy, Palwal, India.
38. Seminar on “Redefining Pharmacy Education in India”, 2009 at FICCI Federation House, New Delhi, India.
39. ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug discovery and Design”, 16th to 20th March, 2009 held at Advanced Institute of Pharmacy, Palwal, India.
40. ISTE Sponsored Short Term Training Programme on “Recent Trends in Drug Development- A Focus on Novel Drug Delivery Systems”, 2nd-6th February, 2009 held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
41. 60th Indian Pharmaceutical Congress, 2008, New Delhi- December 12th to 14th, 2008.

42. AICTE Sponsored National Seminar on “Changing Scenario in Drug Regulatory Affairs”, 8th-10th march, 2008 held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
43. National Seminar on “Emerging Trends in Pharmaceutical Education & Research”, 28th April, 2007 held at Lord Shiva College of Pharmacy, Sirsa, India.
44. ISTE Sponsored Short Term Training Programme on “Development and Standardization of Herbal Formulation”, 26th - 30th March, 2007 held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.

ORAL PRESENTATION

1. Participated as speaker in “KSAPT 2021- Reimagining the Future of Pharmacy and Toxicology” from 27th November to 2nd December, 2021, Al Khobar, KSA.
2. Participated as speaker and demonstrator in the workshop on “FTIR: An Introduction and Demonstration”, 30th January, 2019 conducted by Department of Chemistry, faculty of pharmacy, Northern Border University, Rafha, KSA.
3. Participated as speaker and demonstrator in the workshop on Polarimeter: An Introduction and Demonstration, 22nd March, 2018 conducted by Department of Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, KSA.
4. Participated as speaker and demonstration in the workshop on Compact Titrator, 31st Oct, 2017 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.

POSTER PRESENTATION

1. **Recent Clinical Findings of Ceftriaxone in Children and Elderly Patients** in “Continuous Medical Education on Designing pharmacotherapy plan for special population: Pediatrics, Geriatrics, Pregnancy and Lactating Women”, 12th March 2019 held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
2. **“Synthesis, Molecular Modelling Studies and Anti-inflammatory activity of some Pyridazine Derivatives”** in Emerging Trends in Computational Drug Discovery on 16th & 17th August 2018 organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India).
3. **“Synthesis and Biological Evaluation of Some Pyridazine Derivatives”** in Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017 on Emerging Trends in Pharmacology and Pharmacy Practice, 1st and 2nd September, 2017 organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
4. **“Newer Quinazoline derivatives under clinical trial”** in First Annual National Convention of Association of Pharmacy Professionals held on April 7, 2012 at Hotel Surendra Vilas, Bhopal, India

5. **“Antimalarial drugs: Recent Advances in Drug Discovery and Design”** in ISTE Sponsored seminar on “Recent Advances in Drug discovery and Design” 16th March, 2011 Organized by B.S. Anangpuria Institute of Pharmacy, Alampur (Faridabad)
6. **“Use of combinatorial approaches for anticancer drug discovery: Recent advances in design and synthesis”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug discovery and Design” 16th to 20th March, 2009 Organized by Advanced Institute of Pharmacy, Palwal
7. **“Achievements and Changes in Antiviral Drug Discovery”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug discovery and Design” 16th to 20th March, 2009 Organized by Advanced Institute of Pharmacy, Palwal
8. **“A Timed Release and Targetted Drug Deleivery System”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug discovery and Design” 16th to 20th March, 2009 Organized by Advanced Institute of Pharmacy, Palwal
9. **“Method development for Gatifloxacin tablets by RP-HPLC”** In 60th Indian Pharmaceutical Congress, 2008, New Delhi- December 12th to 14th , 2008
10. **“HPLC Assay method development and validation of stability indicating assay method of Oseltamivir API”** in National Seminar on “Emerging Trends in Pharmaceutical Education & Research”, 28th April, 2007 at Lord Shiva College of Pharmacy, Sirsa (Haryana)

SOFTWARE SKILLS

1. Windows 2000 (MS Words, Powerpoint, Excel)
2. ACD Labs, ISIS Draw, ChemBio Chem, and 3-D Chem. Sketch Draw.
3. Molecular Modelling software (MOE, Swiss dock)
4. Blackboard Learn

PERSONAL DETAILS

1. **Place of birth** : Haryana, India
2. **Date of Birth** : 15th April 1980.
3. **Sex** : Female
4. **Marital Status** : Married
5. **Nationality** : Indian
6. **Religion** : Muslim
7. **Husband's Name** : Dr Mohd. Imran (PhD in Pharmaceutical Chemistry)
8. **Passport No.** :
9. **Ikama No. (Resident Identity)** :

Place:

(Abida)

Date:

REFERENCES

Dr. Anupama Diwan

Dean

Apeejay Satya University

Sohna, Haryana, India

Email: anupama.diwan@asu.apeejay.edu

Mobile No: +919910350593

Dr. Arpana Rana

Principal

Advanced Institute of Pharmacy

Palwal, Haryana, India

Email: arpana_rana@yahoo.co.uk

Mobile No: +919891252590

Dr. Mohd Imran

Department of Pharmaceutical Chemistry

Northern Border University

Kingdom of Saudi Arabia

Email: mohammed.baksh@nbu.edu.sa, imran.pchem@gmail.com

Mobile No: +966599577945