

# MOHD ABRAR KHAN, M.S., B.PHARM.

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## DEPARTMENTAL RESPONSIBILITIES (MEDICAL DEPARTMENT, NIT SRINAGAR)

- Hospital and Clinical Pharmacy
- Patient Care & Counselling
- Basic Life Support (BLS) in ER
- Procurement, Storage and Inventory Management
- Resource Management

## EDUCATION

- **Master of Pharm. Science (M.S. Pharm.):** Medicinal Chemistry, CGPA: 9.16/10  
*National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad, India, July 2020.*  
**Thesis:** Synthesis, Molecular Docking and Biological Evaluation of Rhodanine linked Benzenesulfonamide derivatives as Carbonic Anhydrase Inhibitors.  
**Advisor:** Dr. Mohammed Arifuddin, Dr. Nagula Shankariah
- **Bachelor of Pharmacy:** Pharmaceutical Science, *University of Kashmir Srinagar, India, July 2018.*

## EXPERIENCE (PROFESSIONAL, RESEARCH AND INDUSTRY)

- **Senior Pharmacist:** Medical Department, NIT Srinagar J&K India. 20 Dec. 2023 -- Present.
- **Pharmacist:** Medical Department, NIT Srinagar J&K India. 20 Dec. 2021-- 19 Dec. 2023.
- **Junior Research Fellow (JRF):** “Pre-clinical development of Falcipain Inhibitors as Potent Antimalarials”. Funded by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India, at Department of Biosciences, Jamia Millia Islamia, New Delhi, India. Aug. 2020 – Dec. 2021.
- **Trainee:** SUN Pharmaceuticals Limited, Bari Brahmana Jammu (J&K)-India. 8 Feb. 2018 – 23 Feb. 2018.

## HONORS AND AWARDS

- Qualified-UGC NET (*Social Medicine and Community Health*), Dec. 2024.
- 3<sup>rd</sup> Position in Administrative Vocabulary Competition, Hindi Pakhwada 2023, NIT Srinagar.
- 3<sup>rd</sup> Position in Hindi Quiz Competition, Hindi Pakhwada 2023, NIT Srinagar.
- Passed Hindi Prabodh with Distinction, Raj Basha, Home Ministry, Govt. of India, Jan-May 2023.
- Passed Hindi Praveen with Distinction, Raj Basha, Home Ministry, Govt. of India, Jul 2024-May 2025.
- Qualified Graduate Pharmacy Aptitude Test (GPAT)-2018 with AIR 336.
- Qualified NIPER-JEE, Joint Entrance Examination 2018 with AIR 159.
- Awarded with NIPER Post-Graduation Fellowship from Ministry of Chemical and Fertilizers, Govt. of India, for M.S. Pharm. Study (July 2018-July 2020).

## DEVELOPMENT PROGRAMS, SHORT TERM COURSES AND WORKSHOPS

- “Non-Teaching Staff Induction Program”, for Professional Development of Academic Administrators, by NIT Srinagar Administration. 3<sup>rd</sup> to 12<sup>th</sup> Oct. 2022.

## PUBLICATIONS

- Malik AA, Dangroo NA, Kaur P, Attery S, Rather MA, **Khan A**, Ara T, Nandanwar H. Discovery of novel dihydronaphthalene–imidazole ligands as potential inhibitors of Staphylococcus aureus multidrug resistant NorA efflux pump: A combination of experimental and in silico molecular docking studies. Microbial Pathogenesis. 2024 Mar 21:106627.

- Swain, B.; **Khan, A.**; Singh, P.; Marde, V.S.; Angeli, A.; Chinchilli, K.K.; Yaddanapudi, V.M.; Carradori, S.; Supuran, C.T.; Arifuddin, M. Design, Synthesis and Biological Assessment of Rhodanine-Linked Benzenesulfonamide Derivatives as Selective and Potent Human Carbonic Anhydrase Inhibitors. *Molecules* 2022, 27, 8028.
- Irfan, I., Ali, A., Reddi, B., **Khan, M.**, Hasan, P., Ahmed, S., Uddin, A., Piatek, M., Kavanagh, K., Haque, Q.M. and Singh, S., 2022. Design, Synthesis and Mechanistic Studies of Novel Isatin-Pyrazole Hydrazone Conjugates as Selective and Potent Bacterial MetAP Inhibitors. *Antibiotics*, 11(8), p.1126.
- Malik JA, Maqbool M, Hajam TA, **Khan MA**, Zehravi M. Comparison of different classes of drugs for Management of Acute Coronary Syndrome (ACS): A brief communication. *CELLMED*. 2021;11(2):7-1
- Rahman Z, Bazaz MR, Devabattula G, **Khan MA**, Godugu C. Targeting H3K9 methyltransferase G9a and its related molecule GLP as a potential therapeutic strategy for cancer. *Journal of biochemical and molecular toxicology*. 2020 Dec 7:e22674

## AREA OF SPECIALIZATION

- Hospital and Clinical Pharmacy
- ADR & Pharmacovigilance
- Clinical Trials
- Structure-Based Drug Design
- Synthetic and Analytical Research and Development
- Chemistry of Natural Products
- Enzyme Chemistry, Molecular Biology & Biotechnology

Sd/-

**Mohd. Abrar Khan**

Senior Pharmacist

Medical Department

NIT Srinagar

22.07.2025

