

CURRICULUM VITAE

MR. MD TAUQUIR ALAM

M. Pharm, (Pharmaceutical Analytical chemistry)

Permanent Address:

Shreepally, Dalkhola High school para (Dalkhola), P.O- Dalkhola,
P.skarandighi , Dist-North Dinajpur, West Bengal , Kolkata 733201,
(India) ,

Mobile No: +919733207596 (India)

Present Address: Department of Pharmaceutical chemistry, Faculty of
Pharmacy, Northern Border University, Rafha-91911, P.O. BOX 840,
Kingdom of Saudi Arabia

E-mail: tauquirpharm@gmail.com, Md.Alam@nbu.edu.sa

Mobile No: +966501716267

Ext. Off: 014661-4635



CURRENT JOB PROFILE

Working in Northern Border University, Rafha, Saudi Arabia, as a lecturer in Pharmaceutical chemistry department since **7 Years**. Mentoring aspiring clinical pharmacy students, provide guidance, and contribute to the development of future pharmacy professionals within an evolving healthcare landscape. Expert in laboratory technique, and instrumentation, demonstration of newly technique relevant for the student theories and practical of course.

COMPLETE WORK EXPERIENCE SUMMARY

Quality Control and Analytical Division:

- 3 years of professional experience in a leading research, related substances analysis of various drug entities such as Tablets, capsule, Syrups, ointment and raw, intermediate and finished material by using different analytical technique and recent advance instruments.
- Check the stability of drugs by testing calendar, protocols and specified in research.
- Documenting all stability work as per SOP's and GLP.
- Used and developed standard techniques and methodologies
- Preparation of Standard testing procedures as per Pharmacopoeias.
- Perform analytical tests in the laboratory instrumentation skills.
- Preparation of Standard Operating Procedures for QC instruments, equipment handling, Calibration.
- Training the chemists on SOP'S, STP'S and on Good Laboratory Practices.
- Perform internal audits of laboratory both technical and Quality system audits.
- Awareness of internal audit and phased in pharmaceutical industry FSSAI/ISO-2200/HACCAP/USFDA/ANVISA.

Bio-analytical Method development

- Developing methods for new active chemical entities using LC-MS/MS methodologies.
- Developing extraction of analytes using solid phase extraction, Liquid-Liquid extraction and protein precipitation.
- Preparing SOP's of Bioanalytical method validation of active pharmaceutical ingredients, i.e. testing of a variety of samples.

- Good experience of working with multiple analytes and analytes along with their metabolites.

Documentation

- Maintaining and peer-review documentation such as laboratory notebooks, instrument logbooks, training records, etc.
- Ensuring compliance of various quality measures by maintaining requisite documentation / records.
- Preparing daily & periodic laboratory reports for information, compliance & corrective action.
- Good skill in as per lab management.
- Good knowledge about analytical techniques and preparation of laboratory Quality management system.

ADDITIONAL COURSES

1. Bachelor **Degree Certificate in Unani Pharmacy** from Jamia Hamdard (Hamdard University), New Delhi in 2010.
2. Successfully completed **The National Committee of BioEthics (NCBE) web-based training course** (Number 1001481) on January 21, 2017 at King Abdulaziz City for Sciences and Technology (KACST), Kingdom of Saudi Arabia.
3. PG diploma in pharmaceutical management 2012

MEMBERSHIP OF PROFESSIONAL / SCIENTIFIC BODIES AND ASSOCIATIONS OUTSIDE CAMPUS:

- ✚ Registered Pharmacist, with Delhi Pharmacy Council's Reg. No. 20858
- ✚ Member of organising committee RX 2012.
- ✚ Completed global health line ,clinical research training Certificate number: 233488

RESEARCH ACTIVITIES PROJECTS

1. **Design, Molecular docking studies, in silico drug likeliness prediction and synthesis of some benzimidazole derivatives as antihypertensive agents.** IAJPS 2017, 4 (04), 926- 936, ISSN: 2349-7750,(<http://doi.org/10.5281/zenodo.556751>). Abdulaziz Hammad G. Alanazi, **Md. Tauquir Alam** and Mohd. Imran*
2. **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** Mohd Imran 1, Md. AfrozBakht 2,* , Abida Khan 1, **Md. Tauquir Alam 1**, Anouar El Hassane 2, Mohammed B. Alshammari 2, Noushin Ajmal 3, ArchanaVimal 4, Awanish Kumar 4 and Yassine Riadi 5, 14 November 2019

LIST OF PUBLICATIONS AND PATENT FILED

3. ***Tectona grandis L.f: A comprehensive review on its patents, chemical constituents, and biological activities.*** Syed Mohammed Basheeruddin Asdaq. NairaNayeem Abida **Md. Tauquir Alam** Saleh I.Alaqel Mohd.Imran. *El-Waleed ElaminHassan*: (Nov,2021)
Doi: <https://doi.org/10.1016/j.sjbs.2021.11.026>
4. **The Challenges Faced by Pharm.D Students in Online Learning due to Covid-19 Pandemic and its Impact on their Mental Health in the Northern Border Region of Saudi Arabia (Sep, 2021)** Anwar A Alshammari, Abdulrahman M Alshammari, Nawaf M. Alotaibi, MD Ali Mujtaba, MD Tauquir Alam
Doi: <https://doi.org/10.53350/pjmhs211592819>
5. **Novel quinazoline-based EGFR kinase inhibitors: A review focussing on SAR and molecular docking studies (2015-2019)** Parth Bhatia¹, Vrinda Sharma, Ozair Alam, Ajay Manaitiya, Perwaiz Alam, Kahksha, **Md. Tauquir Alam**, Mohd Imran: (2020).
Doi: [10.1016/j.ejmech.2020.112640](https://doi.org/10.1016/j.ejmech.2020.112640)
6. **Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19**, Mohd. Imran, Mandeep Kumar Arora , Syed Mohammed Basheeruddin Asdaq , * , Shah Alam Khan , Saleh I. Alaqel , Mohammed Kanan Alshammari , Mohammed M. Alshehri , Ahmed Subeh Alshrari , Alreshidi Mateq Ali , Ahmed Muteb Al-shammeri , Bushra Duhayyan Alhazmi , Aishah Ali Harshan , **Md. Tauquir Alam** and Abida. (24 septmber 2021)
Doi: [10.3390/molecules26195795](https://doi.org/10.3390/molecules26195795)
7. **A Biological Review on Pyrazolines:** Md. Rahmat Ali, Akranth Marella, **Md.Tauquir** Alam, Rukhsar Naz^a, Mymoona Akhter ,Md.Shaqiquzzama,Rikta Saha,Omparkash Tanwar,Md.Mumtaz Alam,Jyoti Hooda: *Mini-Reviews in Medicinal Chemistry*,
Doi: [10.2174/1389557511313060012](https://doi.org/10.2174/1389557511313060012).
8. **Review of Biological Activities of Hydrazone.** Md Rahmat Ali, Akranth marella, **Tauquir Alam**, Md. Mumtaz Alam, Md. Shaqiquzzaman, Jyoti Hooda.
9. **Management of fibromygiya recent drugs for the management and treatment of fibromyalgia.** Abida, **Md. Tauquir Alam**, Mohd. Imran, Said A.H. El-Feky, Mohamed A.M. Hagg
10. **An Overview on Execution of Green Chemistry as an Alternative Technique in Organic Synthesis.** Mohammad Asif Abida, **MD Touquir Alam**, *Journal of Advances in Pharmacy Practices* Volume 1 Issue 2 , (DOI: <http://doi.org/10.5281/zenodo.3344597>),2019.
11. **Diverse chemical and biological potentials of various pyridazine and pyridazinone derivatives.** Mohammad Asif, Abida and **Md. Tauquir Alam**, *Chemistry International* 5(3) (2019) 206.
12. **Pharmacological activities of pyridazines and pyridazinone Derivatives: A Review on biologically active scaffold** : Abida, **Md. Tauquir Alam**, Mohammad Asif ISSN 2664-4142 , *South Asian Research Journal of Pharmaceutical Sciences (South Asian Res J Pharm Sci)*,2019
13. **Design, Molecular docking studies, in silico drug likeliness prediction and synthesis of some benzimidazole derivatives as antihypertensive agents.** IAJPS 2017, 4 (04), 926- 936, ISSN: 2349-7750,(<http://doi.org/10.5281/zenodo.556751>). Abdulaziz Hammad G. Alanazi, **Md. Tauquir Alam** and Mohd. Imran

14. Physicochemical screening, thin-layer chromatographic studies and UV analysis of *Lactuca Serriola*.

Nayeem N*, Imran M, Abida and **Alam T**, (ISSN: 2277-4998, IJBPAS, 7(5): 732-739), May, 2018

Patent:

15. Filed a patent application on: (Novel pyridazinone Derivative and process for their preparation).

Dr.Mohd. Imran, Dr. Naira Nayeem, Abida, **Md. Tauquir Alam**.

16. Novel Coumarin. Derivatives of Pharmaceutical Interest, Indian Patent Application Number 201911036425, September 10, 2019 (Priority Date).Mohd. Imran, Md. Afroz Bakht, Mohammad Asif, **Md. Tauquir Alam, Abida.**

POSTER/PAPER PRESENTATION

1. **Mohd. Tauquir Alam, Abdullah Ajab, Mohd. Imran, Ali Mujtaba Bioanalytical method development of cefdinir in human plasma using hyphenated technique LC-MS/MS, 22nd DUPHAT, 7-9 March 2017, Dubai International Convention & Exhibition centre, Dubai.**
2. **Mohd. Tauquir Alam, Abdullah Ajab, Mohd. Imran, Ali Mujtaba Bio-analysis of antibiotic drugs using liquid Chromatography. 23rd DUPHAT, 27Feb-1st March 2018.**

SEMINAR/CONFERENCES/SYMPOSIA/WORKSHOP ATTENDED

1. *Attended Blackboard Training workshop on 31 Jan 2018 organised by Faculty of Pharmacy, Northern border University, KSA*
2. *Attended " Hand on training programme for particle size analyzer and freeze dryer instruments" on 4th December 2017, organized by Department of Pharmaceutics, Faculty of Pharmacy, Northern border University, KSA.*
3. *Workshop as a speaker and demonstrator on Anton Paar's MCP 200 Modular circular Polarimeter, organised by Department of Pharmaceutical chemistry, Faculty of Pharmacy, Northern border University, KSA on 10 Dec 2017.*
4. *Workshop as a speaker and demonstrator on 'Compact Titrator and its pharmaceutical applications on 31 Oct 2017, organised by Department of Pharmaceutical chemistry, Faculty of Pharmacy, Northern border University, KSA.*
5. *Workshop as a speaker and demonstrator on two days "User & Oeration Training Course of the Compact Titrator Model: G20S Manufactured by Mettler Toledo-Swiss" at Faculty of Pharmacy, Northern Border University, KSA from 24/05/2017 to 25/05/2017.*
6. *CME Symposium on Recent "Ethical & Regulatory Aspect Of Pre-Clinical And Clinical Research" 25th April, 2017. Organized by Faculty of Pharmacy, Northern Border University, Rafha, Kingdom of Saudi Arabia.*

7. CME Symposium on Recent "Are Patients Safe In Our Hands?" A Symposium on Medication Errors" 5th Dec, 2017 Organized by Faculty of Pharmacy, Northern Border University, Rafha, Kingdom of Saudi Arabia.
8. Attended "Indian Congress of Pharmacy & Pharmaceutical Sciences-2009 & IPAC-2009" held on March 2009 at DIPSAR University Delhi.

AWARDS/PRIZE/HONOURS/FELLOWSHIP

- ✚ 2017- Got certificate of appreciation from The Honorable Dean, faculty of Pharmacy, Northern Border University, Saudi Arabia for winning the innovative poster presentation in 22nd DUPHAT, 7-9 March 2017, Dubai.
- ✚ Got HNF Fellowship for B.pharm during the period of 23rd August 2010 to 31st March 2011.
- ✚ Got AICTE Scholarship for M.pharm. During the period of August 2011 to 2013 Aug .
- ✚ 2011- Secured and qualified in Graduate's Pharmaceutical Aptitude Tests (GPAT) in Pharmaceutical sciences conducted by The M. S. University of Baroda, Vadodara on behalf of All India Council for Technical Education, New Delhi, India.
- ✚ Researcher Academy Elsevier On Campus got Certificate of Attendance 07 April, 2020

COMPUTER SKILLS

- ✚ Working Knowledge MS Office (Word, Excel, and Power point), Internet and Chemistry software like ACD/chem sketch 12.0, Chem draw 11.0, and ISIS draw, etc.
- ✚ Scientific data retrieval from various Internet portals like Sci Finder, Molinspiration, PASS online Software, OSIRIS Property Toolkit, Science direct, PubMed, Pubacs.org, Chem SpiderInternet.

PERSONAL DETAILS

Father's Name : Md.Osman Ghani
Date of birth : 15/03/1985
Sex : Male
Marital Status : Married
Nationality : Indian
Pass port No :M6652285
Blood group :A+
Languages known : English, Hindi, Urdu, Bengali,
Address :Dalkhola High school para (Dalkhola)

Declaration:

I hereby declare that all the above statement is true to the best of my knowledge and can be supported with all relevant documents in original when required.

Yours Sincerely

(Md Tauquir Alam)

(26-11-2023)