

SHAIKH MATIN SALIM



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PERSONAL PROFILE

Father's Name: Salim Haji

Date of Birth: 18th Aug 1995

Marital Status: Unmarried

Nationality: Indian

LANGUAGES KNOWN

- Hindi
- English
- Urdu
- Marathi
- Arabic

KEY STRENGTHS

- Quick learner
- Analytical thinking
- Logical reasoning
- Decision making
- Self-motivated
- Adaptability
- Team player

CAREER OBJECTIVE

To work for an organization where I can utilize my technical and professional skills to contribute to firm's goals and mission and to promote the health care system in the process.

ACADEMIC BACKGROUND

- 2020 - Master of Pharmacy in Medicinal Chemistry** from R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur with **82.63%** marks.
- 2018 - Bachelor of Pharmacy** from A.R.A. College of Pharmacy, Dhule, North University Maharashtra with **67.54% marks**.
- 2015 - Diploma of Pharmacy** from S. E. S Institute of Pharmacy Balapur, Fagane, Dhule with **82 % marks**
- 2013 - Higher Secondary School** from SSVPS's L. K. Dr. P. R. Ghogrey Jr. college of Science, Dhule, Maharashtra State Board, with **56.33 % marks**.
- 2011- Secondary School** from S. P. S. English Model School, Dhule, Maharashtra State Board, with **78.73 % marks**.

AREAS OF INTEREST

- Organic synthesis
- Computational Chemistry
- Analytical Method Development

RESEARCH PROJECTS

- Dissertation Title:** "Breed based De Novo Hybridization Approach: Generating Novel L858R/T790M/C797S-EGFR Tyrosine Kinase Inhibitors to Overcome the Problem of Mutation & Resistance in Non-Small Cell Lung Cancer (NSCLC)"

TECHNICAL SKILLS

- Organic Synthesis:** Carrying out various organic synthetic reactions Optimization, development of methodologies for organic synthesis.
- Purification:** Purification of organic compounds using crystallization and chromatographic techniques like Column chromatography, Preparative TLC, HPLC and Flash chromatography.
- Analytical Knowledge:** Proficient Independently Handling and Calibration of HPLC, IR, UV Spectroscopy.
- Method development and Validation:** Carrying out various solid and liquid dosage form Method Development, Method Optimization and Method validation for ANDA Filling.
- Structural Elucidation:** Well versed with structural elucidation using FTIR, NMR Spectroscopy.
- Computational Tools:** Computer Aided Drug Design By using Schrodinger Software. ChemDraw Ultra 14.0 and Chem3D.
- Scientific Data Retrieval:** PubMed, PubChem and ScienceDirect.
- Microsoft office:** Microsoft word, Microsoft PowerPoint, Microsoft Excel.

EXTRA CURRICULAR ACTIVITIES

- Participate in Tree plantation, Shirpur, Dhule
- Participate in Blood Donation Camp in R. C. Patel College, Shirpur, Dhule.

SEMINARS / CONFERENCES ATTENDED

- Poster presented in “Need Based Research and Development in Pharmaceutical Field for Serving Society” organized by RCPIPER Shirpur, Dhule.
- Attended National level workshop on “Drug discovery designing and developmenyt” Organized by RCPIPER Shirpur, Dhule.
- Attended One day conference on “A Global Perspective on Pharmaceutical IPR: Challenges and Potential” Organized by RCPIPER Shirpur, Dhule.
- Attended One day conference on “Art of facing Interview Techniques in Pharma Industry and Profession” Organized by RCPIPER Shirpur, Dhule.
- Poster presenter in Avishkar 2019 organized by NMU.

RESEARCH PAPER PUBLICATION

- Patel, Harun M., Matin Shaikh, Iqrar Ahmad, Deepak Lokwani, and Sanjay J. Surana. "BREED based de novo hybridization approach: generating novel T790M/C797S-EGFR tyrosine kinase inhibitors to overcome the problem of mutation and resistance in non-small cell lung cancer (NSCLC)." *Journal of Biomolecular Structure and Dynamics* (2020): 1-19. **Impact factor (3.220)**
- Patel, Harun M., Iqrar Ahmad, Rahul Pawara, Matin Shaikh, and Sanjay Surana. "In silico search of triple mutant T790M/C797S allosteric inhibitors to conquer acquired resistance problem in non-small cell lung cancer (NSCLC): a combined approach of structure-based virtual screening and molecular dynamics simulation." *Journal of Biomolecular Structure and Dynamics* (2020): 1-15. **Impact factor (3.220)**

MATIN SHAIKH

Date: