

Dr. Kashif Haider, PhD.

Assistant Professor

Department of Pharmaceutical Chemistry,
School of Pharmaceutical Educational and Research,
Jamia Hamdard, New Delhi

Kashifhaider@jamiahamdard.ac.in | +91-7207911782



OBJECTIVE

To secure a challenging position in a dynamic organization where I can leverage my advanced research skills, analytical abilities, and academic expertise to drive innovation, contribute to meaningful projects, and further enhance my knowledge while supporting the achievement of organizational goals.

WORK EXPERIENCE

SPER, Jamia Hamdard, New Delhi

Assistant Professor | Nov'25 - Present

- Teaching undergraduate and postgraduate students in Pharmaceutical Chemistry, Organic Chemistry, Analytical Chemistry, and Medicinal Chemistry.
- Supervising laboratory work for both undergraduate and postgraduate students, with a focus on synthetic techniques and analytical methods in pharmaceutical chemistry.
- Mentoring undergraduate students in their dissertation and thesis projects, providing guidance in research methodology and scientific writing.
- Authorship of book chapters, review articles, and research papers, contributing to advancements in pharmaceutical chemistry

IQVIA RDS, Noida-142, India

Medical and Regulatory Writer | Apr'24 - Nov'25

- Authoring Clinical Study Report (CSR) and Clinical Study Protocol (CSP) for Observational studies and for Phase I to IV clinical trials
- Preparation of CSR patient narratives, managing day-to-day workload, identifying project needs, track timelines and implement customer requests
- Kick-off meeting presentation to an existing customer
- Completing project finance activities, including monitoring and forecasting budgeted hours.

Tech Observer, Noida-62, India

Medical and Regulatory Writer | Dec'22-Apr'24

- Authoring Clinical Study Report (CSR), Clinical Study Protocol (CSP), Case report, Patient narratives
- Preparation of Informed Consent Document (ICD) and Case Report Form (CRF).
- Manuscript writing and submission to prominent journals including planning and preparation of outlines, authoring first draft, editing, reviewing, preparing response documents to reviewer's comments and submission of galley proofs.
- Slide deck preparation for advisory board meetings and for health care professionals.
- Abstract preparation and submission. Performing literature search with experience in using databases and open sources, ensuring compliance with regulatory requirements
- Worked as Full-service provider (FSP) for Tech Observer from December 2022 to July 2023, later joined as Full-time employee (FTE) in August 2023.

Novo Nordisk India Pvt. Ltd.**Executive, Diabetic Segment | Jun'16 -Dec'17**

- Worked as Product specialist, Key Opinion Leader (KOL) meetings and client engagements, report writing and submission to senior management.
- Organized Continuous medical educations (CME's), slide deck preparation for CME's, prescription auditing, patient education and market analysis.
- Generating new leads for Business Development, organizing symposiums, value meetings and market research.
- Drafting of reports (statement of work review, project initiation, interim and close out reports), weekly progress slide-decks.

Natco Research Centre, Hyderabad, India**Project Trainee | June'15 – May'16**

- Completed dissertation at Department of Medicinal Chemistry at Natco Pharma Ltd. Sanathnagar, Hyderabad
- Developed novel process for synthesis of Break Point Cluster Region-Abelson (BCR-Abl) kinase Inhibitor: Ponatinib (Anticancer drug)

FELLOWSHIP/GRANT RECIEVED**Senior Research Fellow****May 2019-May 2022****Indian Council of Medical Research (ICMR)**

- Project on drug discovery and development of heterocyclic derivatives as potent anticancer agents.
- Yearly report submission, preparation of scientific poster and presentation.
- Manuscript writing and Publication.

EDUCATION**PhD. | Department of Pharmaceutical Chemistry, SPER, Jamia Hamdard, New Delhi, India****Dec 2017 - Oct 2022****Areas of Specialization:**

- Medicinal Chemistry (Discovery and development of Anti-proliferative agents),
- Synthesis, Analytical and Computational Chemistry, *In vitro* and *in vivo* pharmacological evaluation.
- Report writing, Clinical trial studies of anticancer agents and Book Chapter publication.
- Scientific writing (Research and Reviews), Publications Submission, Abstract writing and poster presentation.

M. Tech. (Pharm) | Department of Pharmaceutical technology and Process Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad, India**2014 - 2016**

CGPA: 8.34

Bachelor of Pharmacy | School of Pharmaceutical Education and Research (Formerly Faculty of Pharmacy), Jamia Hamdard, New Delhi, India**2010 - 2014**

Percentage: 78.6

AWARDS/ACHIEVEMENTS

- Awarded Department of Science and Technology (DST) Purse Fellowship, Jamia Hamdard. Jan 2018- March 2019
- Qualified NIPER-JEE 2016 for admission to the Ph.D. program in National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad, India

- Qualified NIPER-JEE 2014, All India Rank 368
- Qualified Graduate Pharmacy Aptitude Test (GPAT) in 2014, All India Rank 1268
- Merit Holder Awarded by Delhi Pharmacy Council- 2nd Position, Delhi Institute of Pharmaceutical Sciences and Research, Delhi, India, 21st Nov 2014

COURSES & CERTIFICATIONS

- Completed successfully Distance Learning course on “Certificate in Advanced MS Excel” and was awarded with merit certificate, conducted by Manipal Pro Learn.
- Completed successfully Distance e-Learning general certificate course on “Intellectual Property Rights” Conducted by World Intellectual Property Organization (WIPO).

PUBLICATIONS

Research Articles

- Jain, Dhara, Nazeer Hasan, Sobiya Zafar, Jitesh Thakur, **Kashif Haider**, Suhel Parvez, and Farhan Jalees Ahmad. "Transferrin functionalized nanostructured lipid carriers for targeting Rivastigmine and Resveratrol to Alzheimer's disease: Synthesis, in vitro characterization and brain uptake analysis." *Journal of Drug Delivery Science and Technology* (2023): 104555. (Impact Factor: **5.1**)
- Hasan, Nazeer, Mohammad Imran, Masood Nadeem, Dhara Jain, **Kashif Haider**, M. Moshahid Alam Rizvi, Afsana Sheikh, Prashant Kesharwani, and Farhan Jalees Ahmad. "Formulation and development of novel lipid-based combinatorial advanced nanoformulation for effective treatment of non-melanoma skin cancer." *International journal of pharmaceutics* 632 (2023): 122580. (Impact Factor: **6.51**)
- **Kashif Haider**, Shivani Sharma, Yuba Raj Pokharel, Subham Das, Alex Joseph, Abul Kalam Najmi, Faiz Ahmad, and Mohammad Shahar Yar. "Synthesis, biological evaluation, and in silico studies of indole-tethered pyrazoline derivatives as anticancer agents targeting topoisomerase II α ." *Drug Development Research* 83, no. 7 (2022): 1555-1577. (Impact Factor: **3.80**)
- **Kashif Haider**, Kamal Ahmad, Abul Kalam Najmi, Subham Das, Alex Joseph, and M. Shahar Yar. "Design, synthesis, biological evaluation, and in silico studies of 2-aminobenzothiazole derivatives as potent PI3K α inhibitors." *Archiv der Pharmazie* 355, no. 10 (2022): 2200146. (Impact Factor: **5.10**)
- Pathak, Ankita, Vivek Pandey, Yuba Raj Pokharel, Vinod Devaraji, Abuzer Ali, **Kashif Haider**, Suma Saad, Rikeshwer Prasad Dewangan, Nadeem Siddiqui, and M. Shahar Yar. "Pharmacophore based drug design and synthesis of oxindole bearing hybrid as anticancer agents." *Bioorganic Chemistry* 116 (2021): 105358. (Impact Factor: **5.30**)
- Abdullah, Mohammad Mustaqeem, Nasir A. Siddiqui, Ramzi A. Mothana, Fahd A. Nasr, Adnan J. Al-Rehaily, Omer M. Almarfadi, Shahid Karim, **Kashif Haider**, Md Rafi Haider, and M. Shahar Yar. "Design, in-silico study and biological evaluation of newly synthesized 3-chlorobenzofuran congeners as antitubercular agents." *Arabian Journal of Chemistry* 14, no. 4 (2021): 103034. (Impact Factor: **6.21**)

Review Articles

- **Kashif Haider**, Mohd Shafeeq, Shaikh Yahya, and M. Shahar Yar. "A comprehensive review on pyrazoline based heterocyclic hybrids as potent anticancer agents." *European Journal of Medicinal Chemistry Reports* 5 (2022): 100042.
- Shaikh Yahya, **Kashif Haider**, Ankita Pathak, Akram Choudhary, Pooja Hooda, Mohd Shafeeq, and Mohammad Shahar Yar. "Strategies in synthetic design and structure–

- activity relationship studies of novel heterocyclic scaffolds as aldose reductase-2 inhibitors." *Archiv der Pharmazie* 355, no. 12 (2022): 2200167. (Impact Factor: **4.61**)
- **Kashif Haider**, Subham Das, Alex Joseph, and M. Shahar Yar. "An appraisal of anticancer activity with structure–activity relationship of quinazoline and quinazolinone analogues through EGFR and VEGFR inhibition: A review." *Drug Development Research* 83, no. 4 (2022): 859-890. (Impact Factor: **5.00**)
 - **Kashif Haider**, Anku Sharma, M. Shahar Yar, Prasanna Anjaneyulu Yakkala, Syed Shafi, and Ahmed Kamal. "Novel approaches for the development of direct KRAS inhibitors: structural insights and drug design." *Expert Opinion on Drug Discovery* 17, no. 3 (2022): 247-257. (Impact Factor: **7.05**)
 - **Haider K**, Shrivastava N, Pathak A, Dewangan RP, Yahya S, Yar MS. Recent advances and SAR study of 2-substituted benzothiazole scaffold based potent chemotherapeutic agents. *Results in Chemistry*. 2021 Dec 9:100258.
 - **Haider K**, Rehman S, Pathak A, Najmi AK, Yar MS. Advances in 2-substituted benzothiazole scaffold-based chemotherapeutic agents. *Archiv der Pharmazie*. 2021 Dec;354(12):2100246. (Impact Factor: **4.61**)
 - Neha K, Ali F, **Haider K**, Khasimbi S, Wakode S. Synthetic approaches for oxazole derivatives: A review. *Synthetic Communications*. 2021 Dec 2;51(23):3501-19. (Impact Factor: **1.93**)
 - **Haider K**, Haider MR, Neha K, Yar MS. Free radical scavengers: an overview on heterocyclic advances and medicinal prospects. *European Journal of Medicinal Chemistry*. 2020 Oct 15; 204:112607. (Impact Factor: **7.08**)
 - Kharb R, **Haider K**, Neha K, Yar MS. Aromatase inhibitors: Role in postmenopausal breast cancer. *Archiv der Pharmazie*. 2020 Aug;353(8):2000081. (Impact Factor: **4.61**)
 - Yar MS, **Haider K**, Gohel V, Siddiqui NA, Kamal A. Synthetic lethality on drug discovery: an update on cancer therapy. *Expert Opinion on Drug Discovery*. 2020 Jul 2;15(7):823-32. (Impact Factor: **7.05**)
 - **Haider K**, Pathak A, Rohilla A, Haider MR, Ahmad K, Yar MS. Synthetic strategy and SAR studies of C-glucoside heteroaryls as SGLT2 inhibitor: A review. *European journal of medicinal chemistry*. 2019 Dec 15; 184:111773. (Impact Factor: **7.08**)
 - **Haider K**, Rahaman S, Yar MS, Kamal A. Tubulin inhibitors as novel anticancer agents: an overview on patents (2013-2018). *Expert opinion on therapeutic patents*. 2019 Aug 3;29(8):623-41. (Impact Factor: **6.71**)
 - Pathak A, Rohilla A, Gupta T, Akhtar MJ, Haider MR, Sharma K, **Haider K**, Yar MS. DYRK1A kinase inhibition with emphasis on neurodegeneration: A comprehensive evolution story-cum-perspective. *European Journal of Medicinal Chemistry*. 2018 Oct 5;158:559-92. (Impact Factor: **7.08**)
 - Rohilla A, Gupta T, Pathak A, Akhtar MJ, Haider MR, **Haider K**, Shahar Yar M. Emergence of promising novel DPP-4 inhibitory heterocycles as anti-diabetic agents: A review. *Archiv der Pharmazie*. 2018 Aug;351(8):1800127. (Impact Factor: **4.61**).

Systematic Literature Review

Singh, Avinash Kumar, Arya Vidyadhari, Harmandeep Singh, **Kashif Haider**, Anoop Kumar, and Manju Sharma. "Role of colchicine in the management of COVID-19 patients: A meta-analysis of cohort and randomized controlled trials." *Clinical*

Epidemiology and Global Health 16 (2022): 101097.

Book chapter

- **Kashif Haider**, and Mohammad Shahar Yar. "Advances of benzimidazole derivatives as anticancer agents: bench to bedside." *Benzimidazole* (2022): 3.

PRESENTATION & WORKSHOPS

Oral Presentation

- Delivered Oral presentation at 3rd International Conference organized by Innovare Academic sciences in association with Paramita Health Care Society for Ethanopharmacology-India at Kala Academy, Panjim, Goa, Oct-2018

Poster Presentation

- Poster presentation at International Conference organized by G.H.G Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Punjab, June-2021.
- Poster presentation at National Conference on Challenges of Drug Development and Regulation in a Global Environment by Advanced Institute of Pharmacy (NCAIP-2018), 14 April 2018.

Workshops

- One-week UGC Networking Resource Centre Web Training Course on “Fundamentals, Advances and Innovative Platforms for Drug Delivery and Pharmaceutical Technology, 22-27 Feb 2021.
- One-week UGC Networking Resource Centre Web Training Course on “Tools enabling Drug Discovery and Drug Analysis in Pharmaceutical Research, 22-27 Mar 2021.
- Cloud-based hands-on workshop: rational computational drug design approaches-organized by NIPER Hyderabad in association with Schrodinger, 4 May 2022.

REVIWING RESPONSIBILITIES

I have served as a peer reviewer for the scientific journal:

- Drug Development Research, Wiley
- Results in Chemistry, Elsevier
- Chemical Biology and Drug Design, Elsevier
- Frontiers in Chemistry, Frontiers
- Frontiers in Molecular Biosciences, Frontiers

PERSONAL DETAILS

- **Date of birth:** 16th October 1990
- **Websites:** <https://orcid.org/0000-0003-0815-0938> (ORCID ID)
- **Address:** DDA Flats, Kalka Ji, New Delhi