

CAREER OBJECTIVE:

Seeking a position to optimally utilize my 3 years of experience in the field of pharmaceutical formulation development and business analytics for efficiently resolving the client's technical issues and the capacity to serve as a technical expert to the clients. Various skills which I was associated with prototype development, data interpretation, exhaustive secondary market research, insight development, and also experience in managing a team.

EDUCATIONAL QUALIFICATION		PERCENTAGE/CGPA/STATUS	YEAR
Ph.D.	Jamia Hamdard, Delhi	Awarded	Dec. 2022
PG Diploma in IPR	Jamia Hamdard, Delhi	56%	2019-2022
M.S (Pharm)	NIPER Hyderabad	70.75%	2014-2016
B. Pharma	Jamia Hamdard, Delhi	74.89%	2010-2014
PROFESSIONAL EXPERIENCE			
Teaching Experience (Assistant Professor in the department of Pharmaceutics, SPER, Jamia Hamdard, New Delhi, 110062, India)	I have been teaching Pharmaceutical science (Pharmaceutics) to D.Pharma and B.Pharma students. I use a variety of teaching methods, such as lectures, demonstrations, case studies, and group discussions, to engage the students and enhance their understanding of the concepts and principles. I also guide the students on their assignments, projects, and research work.		Feb. 2024- till date
Teaching Experience (Assistant Professor in Lloyd School of Pharmacy, Greater Noida, India)	I have been teaching Pharmaceutical science to B.Pharma and M.Pharma students. I also guide the students on their assignments, projects, and research work.		March 2023- Jan. 2024.
Teaching Experience (Teaching Assistant in Jamia Hamdard, New Delhi, India)	<ul style="list-style-type: none"><li>Assisted in the conduct of B.Pharm/ D.Pharm classes during the 2021-22/ 2022-23 session</li><li>Engaging in online classes of the student enrolled in the Post-Graduation Diploma in Regulatory Affairs</li></ul>		June 2022- June 2023
Research Associate in F&D Department, Alembic Pharmaceuticals Ltd., Hyderabad, India	<ul style="list-style-type: none"><li>Successfully developed, executed, and completed pilot BE for FTF project, with a product used in the treatment of various cancer diseases (U.S. Market)</li><li>Prototype development for a new product. Interpretation of Analytical data.</li><li>Experience in supervising/managing the work of a relatively junior executive.</li><li>Superior analytical skills to analyze and interpret both qualitative and quantitative information.</li><li>Contribute to the entire project lifecycle through exhaustive research, data interpretation, insight generation/analysis, and report preparation.</li><li>Identifying technology trends in the field of pharmaceuticals &amp; research activities in a particular domain.</li><li>Conduct exhaustive secondary research on a variety of topics across sources such as company websites, industry reports, market studies, general news articles as well as databases, and other relevant sources.</li></ul>		June 2016- January 2019
Ph.D.   Department of Pharmaceutics, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi, India	<ul style="list-style-type: none"><li>Pharmaceutics (Lipid-based drug delivery system)</li><li>Software application: Working experience in Excel (Filtering, Pivot table, Conditional Formatting, Data Validation, COUNTIF, Merge query).</li><li>Expertise in newsletters, insights writing, product evaluation, etc.</li><li>Scientific writing (Research and Review Publication) and having in-depth command of various databases i.e., Google Scholar, Science Direct, PubMed, Scopus, and SciFinder.</li></ul>		Feb. 2019- July 2022
M. Pharm curriculum Project Trainee, Department of DMPK, Daiichi Sankyo, Gurgaon, India	<ul style="list-style-type: none"><li>Title of the project: Fluoroquinolone Liposomes: preparation, characterization, and pharmacokinetic studies.</li><li>Description: Work done under the guidance of Dr. R Bambal, Senior Scientist of DMPK Department, Daiichi Sankyo, and co-guidance of Dr. CH Naveen, Lecturer, NIPER Hyderabad</li></ul>		July 2015- May 2016
ACHIEVEMENTS, PUBLICATIONS, AND CERTIFICATIONS			
ACHIEVEMENTS	<ul style="list-style-type: none"><li>Senior Research Fellowship awarded by the Indian Council of Medical Research (ICMR-SRF), New Delhi</li><li>Qualified GPAT conducted by AICTE with AIR 1221</li><li>Qualified GATE conducted by IIT Guwahati with AIR 621</li></ul>		2019 2014 2014 2014 2014

	<ul style="list-style-type: none"> <li>• Qualified NIPER-JEE With AIR-40</li> <li>• Have been awarded academic excellence student award during graduation period</li> </ul>	
<b>SKILLS &amp; ABILITIES</b>	<ul style="list-style-type: none"> <li>• Dedicated, Smart Hardworking.</li> <li>• Handling instruments like HPLC, XRD, DSC, FTIR, Zeta sizer, UV &amp; Homogeniser, Pan Coater, Roller Compactor, Compression machine, RMG, Manual capsule filling machine, Multi-mill &amp; Co-mill.</li> </ul>	
<b>COURSES &amp; CERTIFICATIONS</b>	<ul style="list-style-type: none"> <li>• Completed lean six sigma white belt program by M.S.I on 12th May 2020 (Certificate ID: 50364055).</li> <li>• Completed six sigma yellow belt program by 6sigma study on 11th May 2020 (Certificate ID: 719258).</li> <li>• Completed PCT distance learning course "Introduction to the Patent Cooperation Treaty" by World Intellectual Property Organization (WIPO) from 21st May 2018 to 1st July 2018.</li> <li>• Completed distance learning general course on "Intellectual Property" by World Intellectual Property Organization (WIPO) on 10 July 2018.</li> <li>• Completed distance e-Tutorial on using patent information by World Intellectual Property Organization (WIPO) on 24 June 2020.</li> <li>• Completed Excel for beginners by greatlearning in Nov 2020.</li> <li>• Completed 17.5 hours of Microsoft excel- Excel from beginner to Advance by Udemy on 12th Nov 2020.</li> </ul>	
<b>PUBLICATIONS</b>	<ul style="list-style-type: none"> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Nanomedicine: a promising avenue for the development of effective therapy for breast cancer. Current Cancer Drug Targets- Bentham Sciences. Impact Factor: 3.00</li> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Exploring the therapeutic potential of nanostructured lipid carrier approaches to tackling the inherent lacuna of chemotherapeutics and herbal drugs against breast cancer. Journal of Drug Delivery Science and Technology. Impact Factor: 5.00</li> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Assessment of combination approaches of phytoconstituents with chemotherapy for the treatment of breast cancer, a systematic review. Current Pharmaceutical Design. Impact Factor: 3.10</li> <li>• <b>Ali Sartaj</b>, Zufika Qamar, Farheen Fatima Qizilbash, Annu, Shadab Md, Nabil A. Alhakamy, Sanjula Baboota, Javed Ali. Polymeric Nanoparticles: Exploring the Current Drug Development and Therapeutic Insight of Breast Cancer Treatment and Recommendations. Polymers. Impact Factor: 4.60</li> <li>• <b>Ali Sartaj</b>, Annu, Largee Biswas, Anita Kamra Verma, P. K. Sahoo, Sanjula Baboota, Javed Ali. Ribociclib Nanostructured Lipid Carrier Aimed for Breast Cancer: Formulation Optimization, Attenuating In Vitro Specification, and In Vivo Scrutinization. Biomed Research International. Impact Factor: 3.246</li> <li>• <b>Ali Sartaj</b>, Annu, Meraj Alam, Largee Biswas, Mohammad Shahar Yar, Showkat Rasool Mir, Anita Kamra Verma, P. K. Sahoo, Sanjula Baboota, Javed Ali. Combinatorial delivery of Ribociclib and Green tea extract mediated nanostructured lipid carrier for oral delivery for the treatment of breast cancer synchronizing in silico, in vitro, and in vivo studies. Journal of Drug Targeting. Impact Factor: 4.50</li> <li>• Annu, <b>Ali Sartaj</b>, Zufika Qamar, Shadab Md, Nabil Abdulhafiz Alhakamy, Sanjula Baboota and Javed Ali. An Insight to Brain Targeting utilizing Polymeric Nanoparticles: Effective Treatment Modalities for CNS Disorders. Frontiers in Bioengineering and Biotechnology, section Nanobiotechnology. Impact Factor: 5.70</li> <li>• Annu, Saleha Rehman, Bushra Nabi, <b>Ali Sartaj</b>, Sanjula Baboota, Shadab Md, PK Sahoo, Javed Ali. Nanoparticle mediated gene therapy: a trailblazer armament to fight CNS disorders. Current Medicinal Chemistry. Impact Factor: 4.10</li> <li>• Aashish, Abdul Muheem, Nida Nehal, <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Importance of P-gp inhibitors and nanoengineered approaches for effective delivery of anti-retroviral drugs across barriers in HIV management. Journal of Drug Delivery Science and Technology. Impact factor: 5.00.</li> <li>• Farheen Fatima Qizilbash, <b>Ali Sartaj</b>, Zufika Qamar, Shobhit Kumar, Mohammad Imran, Yousuf Mohammed, Javed Ali, Sanjula Baboota &amp; Asgar Ali. Nanotechnology revolutionises breast cancer treatment: harnessing lipid-based nanocarriers to combat cancer cells. Journal of Drug Targeting. Impact Factor: 4.50</li> <li>• Kaur J, Anwer MK, <b>Ali Sartaj</b>, Panda BP, Ali A, Zafar A, Kumar V, Gilani SJ, Kala C, Taleuzzaman M. ZnO nanoparticles of Rubia cordifolia extract formulation developed and optimized with QbD application, considering ex vivo skin permeation, antimicrobial and antioxidant properties. Molecules. Impact factor 4.60.</li> <li>• Taleuzzaman M, <b>Ali Sartaj</b>, Kumar Gupta D, Gilani SJ, Mirza MA. Phytosomal gel of Manjistha extract (MJE) formulated and optimized with central composite design of Quality by Design (QbD). Journal of Dispersion Science and Technology. Impact factor 2.20.</li> <li>• Verma R, <b>Ali Sartaj</b>, Qizilbash FF, Ghoneim MM, Alshehri S, Imam SS, Kala C, Alam MS, Gilani SJ, Taleuzzaman M. An overview of the neuropharmacological potential of thymoquinone and its targeted delivery prospects for CNS disorder. Current drug metabolism. Impact factor 2.30.</li> <li>• Usmani J, Kausar H, Akbar S, <b>Ali Sartaj</b>, Mir SR, Hassan MJ, Sharma M, Ahmad R, Rashid S, Ansari MN. Molecular Docking of Bacterial Protein Modulators and Pharmacotherapeutics of Carica papaya Leaves as a Promising Therapy for Sepsis: Synchronising In Silico and In Vitro Studies. Molecules. Impact factor 4.60.</li> <li>• Zufika Qamar, <b>Ali Sartaj</b>, Mohammad Kashif Iqbal, Farheen Fatima Qizilbash, Suhaira Sabir, Javed Ali, Asgar Ali, Sanjula</li> </ul>	

	<p>Baboota. Combination drug loaded lipid-based nanocarriers as treatment entity for battling glioblastoma multiforme. Journal of Drug Delivery Science and Technology. Impact factor: 5.00.</p> <ul style="list-style-type: none"> <li>• Sweeti Bana, Nitin Kumar, Ali Sartaj, Abdulsalam Alhalimi, Ashraf Ahmed Qurtam, Fahd A Nasr, Mohammed Al-Zharani, Neelam Singh, Praveen Gaur, Rosaline Mishra, Snigdha Bhardwaj, Hasan Ali, Radha Goel. Rubia cordifolia L. Attenuates Diabetic Neuropathy by Inhibiting Apoptosis and Oxidative Stress in Rats. Pharmaceuticals, Impact factor 4.600.</li> <li>• Iqbal MK, <b>Ali Sartaj</b>, Khan MA, Ali J, Baboota S. Topical delivery of Mannose Conjugated-Doxorubicin-Berberine nanostructured lipid carrier gel for skin cancer amelioration: Formulation optimization, in-silico, in-vitro, ex-vivo assessment, and dermatokinetic analysis. Journal of Drug Delivery Science and Technology, Impact factor 5.00.</li> <li>• Muheem A, <b>Ali Sartaj</b>, Aldosari E, Baboota S, Ali J. Enhancing lymphatic uptake of Darunavir Ethanolate through TPGS-enriched lipid nanocarriers for oral delivery. Particulate Science and Technology. Impact factor 2.50.</li> <li>• Parveen S, <b>Ali Sartaj</b>, Kashif Iqbal M, Kumari P, Dang S, Aldosari E, Baboota S, Ali J. Topical co-delivery of tacrolimus and calcipotriol loaded nanostructured lipid carrier: a potential and synergistic approach in the management of psoriasis. Journal of Dispersion Science and Technology. Impact factor 2.20.</li> <li>• Unnithan D, <b>Ali Sartaj</b>, Iqbal MK, Ali J, Baboota S. A neoteric annotation on the advances in combination therapy for Parkinson's disease: nanocarrier-based combination approach and future anticipation. Part I: exploring theoretical insights and pharmacological advances. Expert opinion on drug delivery. Impact factor 6.60.</li> <li>• Unnithan D, <b>Ali Sartaj</b>, Iqbal MK, Ali J, Baboota S. A neoteric annotation on the advances in combination therapy for Parkinson's disease: nanocarrier-based combination approach and future anticipation. Part II: nanocarrier design and development in focus. Expert opinion on drug delivery. Impact factor 6.60.</li> <li>• Nehal N, Rohilla A, <b>Ali Sartaj</b>, Baboota S, Ali J. Folic Acid Modified Precision Nanocarriers: Charting New Frontiers in Breast Cancer Management beyond Conventional Therapies. Journal of Drug Targeting. Impact factor 4.50.</li> <li>• Muheem, Abdul, Mohd Waseem, <b>Ali Sartaj</b>, Shraddha Gaikwad, Ashwini More, Ashif Iqbal, Shobhit Kumar et al. "D-α-Tocopheryl Polyethylene Glycol Succinate-decorated dual drug-loaded lipidic nanocarriers: A Strategic approach for targeting lymphatic uptake and p-gp efflux modulation to enhance oral bioavailability in HIV-1 viral reservoirs." Journal of Drug Delivery Science and Technology (2024): 105831.</li> <li>• Annu, <b>Ali Sartaj</b>, Qamar Z, Aldosari E, Baboota S, Ali J. Intranasal Delivery of Transferrin Conjugated Chitosan Nanoparticles to the Brain: A Comparative Analysis of Conjugated and Un-conjugated Nanoparticles In Vivo. Journal of Drug Delivery Science and Technology. 2024 Dec 19:106550.</li> </ul>
BOOK CHAPTER	<ul style="list-style-type: none"> <li>• Annu, <b>Ali Sartaj</b>, Nidhi Agarwal, Zufika Qamar, Heena Tabassum, Jasjeet K. Narang, Sanjula Baboota, Javed Ali (2021). Liposomal nanocarriers for delivery of combination drugs In Nanocarriers for the Delivery of Combination Drugs, Sanjula Baboota and Javed Ali (Eds.), Micro &amp; Nano Technology Books. Elsevier Inc. (USA). Pages 47-83. ISBN:9780128207796. <a href="https://doi.org/10.1016/B978-0-12-820779-6.00005-0">https://doi.org/10.1016/B978-0-12-820779-6.00005-0</a>.</li> <li>• Taleuzzaman M, <b>Ali Sartaj</b>, Vijay N, Alam MJ. Nanotechnology-based manipulation of dendritic cells for enhanced immunotherapy strategies. In Nanotherapeutics in Cancer Vaccination and Challenges 2022 Jan 1 (pp. 129-148). Academic Press. <a href="https://www.sciencedirect.com/science/article/abs/pii/B9780128236864000203">https://www.sciencedirect.com/science/article/abs/pii/B9780128236864000203</a>.</li> </ul>
POSTER PRESENTATION AT VARIOUS CONFERENCES	<ul style="list-style-type: none"> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Preliminary evaluation and screening of excipients for development of Lipid nanocarrier system of an anticancer drug". IPA Convention 2019 PharmaRIA, September 11th- 12th, 2019 at Vigyan Bhawan, New Delhi, India.</li> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Formulation based on a nanostructured lipidic carrier for effective treatment of breast cancer by encapsulating Ribociclib: Quality by design (QbD) approach". IPA Annual Convention, July 16th &amp;17th, 2021 at RIPER, Andhra Pradesh, India.</li> <li>• <b>Ali Sartaj</b>, Sanjula Baboota, Javed Ali. Development of nanostructured lipid carrier of Ribociclib utilizing BBD formulation optimization, in vitro characterization, and in vivo solubilization fate" Two-Day International Conference on Nanomedicine: Biomolecules for human health (NBHH- 2021) held on Sep 27-28, 2021, Kirori Mal College, University of Delhi, India.</li> </ul>
WEBINARS ATTENDED	<ul style="list-style-type: none"> <li>• Product Development in The Era of QbD &amp; ICH Q8: A Primer for Academia, VES College, 03,04,05 June 2020.</li> <li>• An overview on intellectual property rights, DVCP, 05/06/2020.</li> <li>• For online career guidance webinar on the QUALITY ASSURANCE sector, PharmaTutor Edu Labs, 27/06/2020.</li> <li>• "Meta-analysis", ITSr, 19/07/2020.</li> <li>• Application of Phospholipids in drug delivery system, ISF College, 24/07/2020.</li> <li>• Online Teaching Tools, ITSr, 26/07/2020.</li> <li>• Scope of pharmacy profession beyond the health care, SSM College, 29/07/2020.</li> <li>• Championing scholarly communications- how can you communicate your research effectively? AMITY, 05/06/07 Aug 2020.</li> <li>• Creation of Effective E-learning Content, SiP, 06/08/2020.</li> <li>• For online career guidance webinar on How to face an interview? PharmaTutor Edu Labs, 22/08/2020.</li> <li>• Fundamentals, advances and innovative platforms for drug delivery and pharmaceutical technology, PU, 22-27 Feb 2021.</li> </ul>

<b>E-QUIZ ATTENDED</b>	<ul style="list-style-type: none"> <li>• Quiz 4. Novel drug delivery systems, Sultan-UL-Uloom College, 27/05/2020.</li> <li>• Quality Control &amp; Quality Assurance Quiz, Pharmastate, 05/06/2020.</li> <li>• Quiz: General Awareness in Regulated Pharma Manufacturing Unit &amp; Quality Control, Pharmastate, 20/06/2020.</li> <li>• Chem Quiz 2020- QSAR and Drug designing, SSM College, 06/08/2020.</li> </ul>			
<b>MOOCs (MASSIVE OPEN ONLINE COURSES) ATTENDED</b>	<ul style="list-style-type: none"> <li>• Basis of Biopharmaceutical Classification System (BCS) &amp; its importance, Pharmastate, 05/06/2020.</li> <li>• Thermal analysis- DSC Practical approach, TA Instrument, 18/07/2020.</li> <li>• Rheology- Practical approach online, TA Instrument, 24/07/2020.</li> <li>• Introduction to Systematic Review and Meta-Analysis, Coursera, 21/08/2020.</li> </ul>			
<b><u>REFEREES</u></b>	<b>Name</b>	<b>Designation</b>	<b>Affiliation</b>	<b>Contact details.</b>
	Dr. Javed Ali	Professor	Department of Pharmaceutics, SPER, Jamia Hamdard 110062, India	Email. <a href="mailto:jaali@jamiahamdard.ac.in">jaali@jamiahamdard.ac.in</a> Mob. No. +91-9811312247
	Dr. Sanjula Baboota	Professor	Department of Pharmaceutics, SPER, Jamia Hamdard 110062, India	Email. <a href="mailto:sbaboota@jamiahamdard.ac.in">sbaboota@jamiahamdard.ac.in</a> Mob. No. +91-9818529286
	Dr. Soumik Ghosh	Principal Scientist	Formulation R&D in Alembic Pharmaceutical Pvt. Ltd. Hyderabad, 500078, India	Email. <a href="mailto:soumik.ghosh@alembic.co.in">soumik.ghosh@alembic.co.in</a> Mob. No. +91-9618725144
<b>OTHER INFORMATION</b>				
<b>Soft skills</b>	MS Office Suite   Power Point   Reference citations   Design Expert   GraphPad Prisma   Minitab   ChemDraw   PK Solver   DD solver   CompuSyn			
<b>Interests</b>	Community Work   Playing badminton			
<b>Languages</b>	English   Hindi   Urdu			

**Place:** New Delhi.

**Ali Sartaj**