

MOHINI KALRA

House No.-706 1st Floor, Sector-9A, Gurugram –122001 (Haryana)

Mobile No.- 9810120838

E-mail: mohini_bajaj@yahoo.com

Date of Birth- November 05, 1974

Marital status- Married.

EDUCATION

Ph. D September 2021

Maharshi Dayanand University, Rohtak

Project Title: “Stress Degradation Studies on Selected Drug(s) Using Hyphenated Technique(s)” under the esteemed guidance of Dr.(Mrs.) Sanju Nanda, Professor and Dean

Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak.

The objective of the study was to establish degradation profiles of selected drugs and their combinations, of the category Neglected Tropical Diseases by stress degradation studies and using sophisticated hyphenated technique.

M. S. (Pharm.) July 2001-Dec 2002.

National Institute of Pharmaceutical Education and Research (NIPER), Mohali, Punjab

Project Title: Preparation of Degradation Product Standards of Anti-infective Agents completed under esteemed guidance of Dr. Saranjit Singh, Professor and Head, Department of Pharmaceutical Analysis, NIPER, Mohali.

B. Pharmacy July 1995-June 1999.

Maharshi Dayanand University, Rohtak

D. Pharmacy July 1992- June 1994.

Distinction in Pharmaceutical Chemistry II Theory and Practical

Maharshi Dayanand University, Rohtak

4 months (August - November 1994) Hospital Pharmacy training at P.G.I.M.S., Rohtak.

AWARDS

GATE Qualified 1999 conducted by IIT, Delhi

2000 conducted by IIT, Kharagpur

TEACHING EXPERIENCE

Amity Institute of Pharmacy, Amity University Haryana

1 year 6 months

Gurugram Assistant Professor From 13th December, 2022 – till date	
School of Pharmaceutical Sciences, Apeejay Styra University, Shona-Palwal Road Assistant Professor From June 2017 - Till date	5 years 2 months
School of Pharmaceutical Sciences, Apeejay Styra University, Shona-Palwal Road Assistant Professor (Visiting) From October 2016 - May 2017	8 months
Ram Gopal College of Pharmacy, Gurgaon Assistant Professor From August 2010- October, 2016	6 years 2 months
B. S. Anangpuria Institute of Pharmacy, Faridabad Senior Lecturer, July 2008 – August 2010 Head of Diploma Department of Pharmacy	2 years
Ram Gopal College of Pharmacy, Gurgaon Lecturer	3 years
PDM College of Pharmacy, Bahadurgarh Lecturer	1 year

INDUSTRIAL EXPERIENCE

Panacea Biotech. Ltd., Delhi
Officer Documentation Oct 2000 – July 2001
Preparation of Registration Dossier for Various Russian and African Countries
Designing of Packaging material according to requirement.

Panacea Biotech. Ltd., Delhi
Industrial Trainee March 2000 – Sep 2000
Preparation of Registration Dossier for Various Russian and African Countries
Designing of Packaging material according to requirement

Panacea Biotech Ltd.
Trainee (Quality Control Laboratory) Feb 2000 - March 2000

RESEARCH PROJECT GUIDED

Supervised of 18 Post-Graduate projects

Supervisor of 2 Ph D projects

PUBLICATIONS AND PAPERS

Mohini Bajaj, Sanju Nanda

Development of HPLC Method for Stress Testing of Combination of Two Drugs Using Design of Experiment Concept, Int. J. Pharm. Sci. Drug Res. November-December, 2019, Vol 11, Issue 6 (347-353)

Sanju Nanda, Mohini Bajaj

Solution state stress degradation studies of antifilarial drug albendazole, International Journal of Research in Pharmaceutical Sciences Vol 10 No 4 (2019):

Ankur Kaul, Shubhra Chaturvedi, Asha Attri, Mohini Kalra and A. K. Mishra

Targeted theranostic liposomes: rifampicin and ofloxacin loaded pegylated liposomes for theranostic application in mycobacterial infections, RSC Advances, 6 (34), 28919- 28926, 2016.

Mohini Bajaj, Sanju Nanda,

Analytical Quality by Design (AQbD): New Paradigm for Analytical Method Development, International Journal of Development Research, Vol. 5, Issue, 02, pp. 3589-3599, February, 2015.

Neelam S, Vipula, Monica K, Mohini K

Reusing Medicines - An Unexplored Concept in India
Indian Journal of Pharmacy Practice, Volume 7 Issue 1 (2014)1-6.

Ashish Aswal, Mohini Kalra, Abhiram Rout

Preparation and evaluation of polyherbal cosmetic cream
Asian Pacific Journal of Tropical Biomedicine (2012)1-4.

Siva Praveen Gutti, Mohini Kalra

Formulation and evaluation of sustained release tablets of carvedilol
Int. Res J Pharm. App Sci., 2012; 2(4):78-83.

Kalra M., Pakhale S.P., Khatak M., Khatak S.

Drug information center – Need of the hour
Internationale Pharmaceutica Scientia,
Jan-March 2011, Vol. 1, Issue 1, Pages-69-76.

Kalra M., Khatak M., Khatak S.

Recent advanced -Smarter techniques of analysis.

International Journal of Pharma Professional's, 2(2) (April 2011), 238-245.

H. Dureja, S. Khatak, M. Khatak, M. Kalra

Amylose rich starch as an aqueous based pharmaceutical coating material.

International Journal of Pharmaceutical Sciences and Drug Research 2011; 3(1): 08-12

Kalra M. Khatak M., Khatak S.

Cold and Flu: Conventional vs Botanical and Nutritional therapy.

Int. J. Drug Dev. & Res., Jan-March 2011, 3 (1):xxxx Covered in Scopus & Embase, Elsevier

Dr. Saranjit Singh, H. Bhutani, T.T. Mariappan, Harpinder Kaur, M. Bajaj, and S. P. Pakhale,
Behaviour of uptake of moisture by drugs and excipients under accelerated conditions of temperature and humidity in the absence and the presence of light. 1. Pure anti-tuberculosis drugs and their combinations,

International Journal of Pharmaceutics, 245, 37-44 (2002). DOI- 10.1016/s0378-5173(02)00340-x.

BOOK CHAPTERS

Changing Scenario of Cosmetic Products for Skin and Hair, Mohini Kalra*, Pallavi Rana, Rashmi Rathi Bhardwaj, IIP_V2_2022_BS_16_01 Futuristic Trends in Pharmacy & Nursing.

Book: BIOPHARMACEUTICS AND PHARMACOKINETICS

Editor: Dr. Gufran Ajmal, Dr. Anupama Diwan

DRUG ABSORPTION & ITS MECHANISM

Authors : Dr. Anupama Diwan; Dr. Mohini Kalra

Publishing Date : 2022, DOI : <https://doi.org/10.52458/9789391842451.nsp2022.eb.asu.ch-02>

ISBN : 978-93-91842-45-1, Pages : 10, Chapter id : ASU/NSP/EB/BAP/2022/Ch-02.

FACTORS INFLUENCING DRUG ABSORPTION

Authors : Dr. Mohini Kalra; Dr. Mukesh Kumar Kumawat

Publishing Date : 2022, DOI : <https://doi.org/10.52458/9789391842451.nsp2022.eb.asu.ch-04>

ISBN : 978-93-91842-45-1, Pages : 25, Chapter id : ASU/NSP/EB/BAP/2022/Ch-04.

EXCRETION

Authors : Dr. Mohini Kalra; Heena Jindal

Publishing Date : 2022, DOI : <https://doi.org/10.52458/9789391842451.nsp2022.eb.asu.ch-08>

ISBN : 978-93-91842-45-1, Pages : 72, Chapter id : ASU/NSP/EB/BAP/2022/Ch-08.

FACTORS INFLUENCING RENAL AND NON-RENAL CLEARANCE

Authors : Dr. Narender Yadav; Dr. Mohini Kalra

Publishing Date : 2022, DOI : <https://doi.org/10.52458/9789391842451.nsp2022.eb.asu.ch-09>

ISBN : 978-93-91842-45-1, Pages : 77, Chapter id : ASU/NSP/EB/BAP/2022/Ch-09.

Book: PHARMA MARKETING MANAGEMENT

Editor: Dr. Narender Yadav, Dr. Anupama Diwan

MARKETING

Authors: Dr. Mohini Kalra, Dr. Gufran Ajmal

Chapter Id: ASU/NSP/EB/PMM/2022/Ch-01, doi: <https://doi.org/10.52458/978939184>.

PHARMACEUTICAL MARKETING

Author: Dr. Mohini Kalra, Dr. Anupama Diwan, Chapter Id: ASU/NSP/EB/PMM/2022/Ch-02, doi: <https://doi.org/10.52458/9789391842666.nsp2022.eb.asu.ch2>, Page-19-41.

PRODUCT MANAGEMENT IN PHARMACEUTICAL INDUSTRY,

Author: Sumit Tewatia, Dr. Mohini Kalra, Chapter Id: ASU/NSP/EB/PMM/2022/Ch-10, doi: <https://doi.org/10.52458/9789391842666.nsp2022.eb.asu.ch10>, 105-110.

PHARMACEUTICAL MARKETING CHANNELS

Author: Sumit Tewatia, Dr. Mohini Kalra

Chapter Id: ASU/NSP/EB/PMM/2022/Ch-1,

doi: <https://doi.org/10.52458/9789391842666.nsp2022.eb.asu.ch17>, 159-166

EMERGING CONCEPTS IN MARKETING

Author: Dr. Kapil Kumar, Dr. Mohini Kalra, Chapter Id: ASU/NSP/EB/PMM/2022/Ch-20, doi: <https://doi.org/10.52458/9789391842666.nsp2022.eb.asu.ch20>.

Book: A Practical Handbook for Pharmaceutical Chemistry, Edited By Dr. Narender Yadav TO PERFORM ASSAY OF CALCIUM GLUCONATE TABLET (ACID-BASE TITRATION) AND STANDARDIZATION OF TITRANT

Author: Dr. Mohini Kalra; Mr. Sumit Tewatia

Page 63-66, Chapter Id: ASU/NSP/EB/APHPC/2022/Ch-14, doi: <https://doi.org/10.52458/9789391842611.nsp2022.eb.asu.ch14>.

DETERMINATION OF MELTING POINT OF GIVEN ORGANIC COMPOUNDS

Authors: Dr. Mohini Kalra; Dr. Anupama Diwan

Chapter Id: ASU/NSP/EB/APHPC/2022/Ch-13, doi: <https://doi.org/10.52458/9789391842611.nsp2022.eb.asu.ch13>, 67-73.

DETERMINATION OF BOILING POINT OF GIVEN ORGANIC COMPOUNDS,

Author: Dr. Mohini Kalra; Mr. Sumit Tewatia

Chapter Id: ASU/NSP/EB/APHPC/2022/Ch-14, doi: <https://doi.org/10.52458/9789391842611.nsp2022.eb.asu.ch14>, 74-78.

Book: Handbook of Pharmacology

Editor: Dr. Mohammad Rashid Iqbal

RENAL DRUGS- DIURETICS

Authors : Dr. Mohini Kalra

Publishing Date : 2022, DOI : <https://doi.org/10.52458/9789391842529.nsp2022.eb.asu.ch4>

ISBN : 978-93-91842-52-9, Pages : 61, Chapter id : ASU/NSP/EB/HOP/2022/Ch-04.

POSTER PRESENTATIONS AND ORAL PRESENTATIONS

Guided Ph D student on topic “The Global Burden of Antimicrobial resistance” for “INTERNATIONAL ARCHITECTURAL SCIENCES & APPLICATIONS SYMPOSIUM” September 14-15, 2023 / Naples-Italy, The University of Naples Federico II.

Guided Ph D student on topic “Organometallic Compounds: Importance for Treatment and Diagnosis” at Two-Day International Conference on “Innovations and Technology Transforming Pharmaceutical Education and Research” organised by Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, 25th April, 2023 to 26th April 2023.

Guided Ph D student on topic “Biomedical Applications of Schiff-Base Ligands and their Metal Complexes” at Two-Day National Conference on “Paradigm Shift to Artificial Intelligence (AI) in Emerging Trends of Pharmaceutical and Nutraceutical Science: Futuristic Approach of Healthcare” at Quantum University, Roorkee, Uttarakhand, 31st March 2023 to 1st April 2023.

Oral presentation on Changing Scenario of Harmonised Validation Guidelines for Analytical Procedures at International Conference Pharma Summit 2022: Drug Discovery and Community Trials, 27th August, 2022 and 28th August 2022.

Guided M. Pharmacy students in poster presented “Response Surface Methodology: A tool for experimental design and data analysis” for 2nd Annual Conference of APTI at M. D. U., Rohtak.

Guided M. Pharmacy students in poster “Aliskiren: First Successful Direct Renin Inhibitor for Hypertension” for 2nd Annual Conference of APTI at M. D. U., Rohtak.

Mohini Bajaj, Nanda Sanju

Presented Poster at UGC sponsored National Seminar on “Recent Trends and Innovations in Pharmaceutical Research” at M. D. U., Rohtak (March 2014) Topic- NEED OF HYPHENATED TECHNIQUES IN IMPURITY PROFILING.

Presented Poster at the 65th Indian Pharmaceutical Congress, New Delhi, December, 20-22 2013 on the topic “Neglected Tropical Diseases - Strategic Control Using Pharmacoeconomics and Pharmacoepidemiology Concepts”.

Faster And Smarter Analytical Techniques (Poster) in 14th National Convention of Society of Pharmacognosy from 20th -21st February 2010 at Hindu College of Pharmacy, Sonipat , sponsored by National Society of Pharmacognosy.

A New Concept- Oral Insulin (Poster) in one day National seminar sponsored by IPGA.

Guided M. Pharmacy student for Poster on “Preparation and Evaluation of Polyherbal Cosmetic Cream” for “Current Developments for Modernization of Indigenous Herbal Formulations” National Seminar Sponsored by, Indian Council of Medical Research (ICMR), New Delhi Co-sponsored by Janpragati Education Society, (JPES) Raipur and organized by Columbia Institute of Pharmacy, Raipur.

Om Chanting – A Stress Buster Method (Oral Presentation) in 2 weeks AICTE Sponsored Staff Development Programme on “Lecture Design and Teaching Methodologies” at Ram Gopal College of Pharmacy, Gurgaon on 29th November -11th December,2010.

Presented Seminar on “Recent Trends in Pharmaceutical Analysis” in at NIPER, Mohali as course work.

TRAINING

FDP entitled, “Exploring New Horizons in Nanoformulations Based Drug Delivery Systems” conducted by Aditya College of Pharmacy, Surampalem on 19th - 25th November,2023

Oral Presentation in III International Architectural Science and Applications Symposium, Naples, Italy, Two days Symposium on 14th - 15th September 2023.

End Note Certification Series 2023 online conducted by Clarivate, Certificate issued on 22nd August 2023.

Digital Skills and Competencies for Teachers: With Special Focus on MOOC (Massive Open Online Courses) and E-Content Development, Amity University, Haryana, Two Weeks Refresher Course on 9th -22nd June 2023.

One-day online training workshop on “Pharma QbD”, Maharshi Dayanand University, Rohtak, Online Training Workshop on 2nd June 2023.

Applications of Modern Design of Experiments (DoE): online training programme on 23-25 August 2022 including the modules: Introduction to design of experiments, Introduction to modern DoE, and Applications of modern DoE conducted by JMP under Chemistry World Webinars (Royal Society of Chemistry).

AICTE Recognized Faculty Development Programme Accreditation Criteria and Process conducted by National Institute of Teacher Training and Research, Chandigarh (Ministry of Education, Govt. of India) 25-07-2022 to 29-07-2022.

Journal Citation Reports - Certification Series conducted by Clarivate WebEx trainings 19-07-2022, 21-07-2022.

Online Training Programme in Modular Mode equivalent to one-week duration "Empowering Research and Statistical Analysis" conducted by National Institute of Teacher Training and Research, Chennai (Ministry of Education, Govt. of India) 03-08-2021 to 31-08-2021.

AICTE Training and Learning (ATAL) Academy online elementary FDP on "Developing Life Skills and Capacity building for Pharma Professionals" at Maharshi Dayanand University, Rohtak, on 13-08-2021-17-08-2021.

Web of Science Academy Certificate on Reviewing in Science (Self Paced) 06-08-2021.

FDP on "Regulatory Education for Industry" conducted by United State Food and Drug Administration 19-07-2021 to 23-07-2021.

AICTE Training and Learning (ATAL) Academy online elementary FDP on "Developing Life Skills and Capacity building for Pharma Professionals" 13th August to 17th August 2021 at Maharshi Dayanand University, Rohtak.

Participated in Online Training Programme in Modular Mode equivalent to one week duration on "Empowering Research and Statistical Analysis" conducted by National Institute of Teachers Training and Research, Chennai (Ministry of Education, Government of India) from 3rd August to 31st August, 2021.

FDP on "Regulatory Education for Industry" conducted by USFDA 19-07-2021 to 23-07-2021.

Web of Science Academy Certificate on Reviewing in Science (Self paced) 8th June, 2021.

Successful completion of Web of Science Basic Series 11th March, 2020.

3 day FDP cum Training Workshop on School Safety and DRR conducted by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Zone4Solution, Delhi from 5th -7th August, 2020.

NPTEL Online Certification, Biostatistics and Design of experiments NPTEL 8 weeks course conducted by IIT, Madras, 27th January,2020 - 20th March, 2020.

NPTEL Online Certification, Qualitative Research Methods and Research Writing NPTEL 12 weeks course conducted by IIT, Kharagpur, January-April 2020.

Attended one day workshop on "Techno-Managerial Skills" 1st March, 2013 at Apeejay Satya University School of Pharmaceutical Sciences, Gurgaon.

Attended two days workshop on "Modern Analytical Techniques and Formulation Development Guidelines for Nanotechnological Products" 7th -8th November,2012 at Apeejay Satya University School Of Pharmaceutical Sciences, Gurgaon.

Worked as Faculty Co-Ordinator in AICTE sponsored Staff Development Programme on "Lecture Design and teaching methodologies." Organized by Ram Gopal College of Pharmacy, Gurgaon.

Attended "Workshop on GLP in Drug Testing Lab." From 20 -21 March 2001, at NIPER,

Mohali as a Delegate.

SEMINARS

ASSOCHAM's National Conference on Traditional and Alternative Medicine in New Delhi on 19th July 2023.

Webinar on Quality Cosmetics: Role of Evolving Technologies and Regulations Conducted by Society of Pharmaceutical Sciences and Research on 27th August 2023.

Next Gen Chemicals and Petrochemicals Summit 2022, 21-07-2022 to 22-07-2022.

Research Funding Opportunities to Reduce Preventable Harm conducted by FDA Center for Drug Evaluation and Research (USFDA) 08-06-2022.

Nitrosamine Impurities in Drugs: What Health Care Professionals Need to Know conducted by FDA Center for Drug Evaluation and Research (USFDA) 08-06-2022.

CURE ID: Capturing Clinician's Experiences Repurposing Drugs to Inform Future Studies in the Era of COVID-19 (2022) conducted by FDA Center for Drug Evaluation and Research (USFDA) 08-06-2022.

Transmission Raman: A versatile tool for pharmaceutical formulation development to end-product testing conducted by Select Science 03-05-2022.

Generic Drug Forum 2022 conducted by U. S. Food and Drug Administration, 26-04-2022-27-04-2022.

HILIC-Systematic Approach to Method Development conducted by PhenomenexINWebinars 22-04-2022.

OTC Monograph Reform- Overview of Draft Meeting for Formal Guidelines conducted by U. S. Food and Drug Administration 29-03-2022.

Participated in 4th Annual Conference of SAAE-India on 11th -12th December, 2021 conducted by Society for Alternatives to Animal Experiments-India (SAAE-1) in association with Delhi Pharmaceutical Science and Research University.

Participated in National Webinar on "OTC Drug Regulations: Overview of Global Practices & Way Forward For India" held on 9th October, 2021 organised by All India Control Officers' Confederation Training Academy.

Attended the webinar conducted by Labroots-Your Science Network on "SCIEX Trendsetters: ZenoTOF 7600 experts panel Q&A" on 1st August, 2021.

1st Online Concave organized by Apeejay Styra University on World Pharmacist Day (25th September, 2020) on Theme: "Pharmacist: Transforming Global Health"

PACE Continuous Credit for: Quality Control for the Pharmaceutical Industry; Stage 3, Continued Verification, in the Lifecycle.

PACE Continuous Credit for: Analytical Quality Control for the Pharmaceutical Industry.

SAS webinar conducted by Society for Applied Spectroscopy Molecular on topic “Spectroscopy in Practice-Infrared Spectroscopy” on July 23rd, 2020.

SAS webinar conducted by Society for Applied Spectroscopy Molecular on topic “Spectroscopy in Practice-Raman Spectroscopy” on July 22nd, 2020.

Continuing Education Certificate, US FDA Enduring material titled “Nitrosamine Impurities in Drugs: What Health Care Professionals Need to Know” conducted by FDA Center for Drug Evaluation and Research on June, 2020.

Continuing Education Certificate, US FDA Enduring material titled “Introduction to the Office of Orphan Products Development (OOPD) (2020)” conducted by FDA Center for Drug Evaluation and Research.

PACE Continuous Credit for: Organoids: A Revolutionary New Tool for Drug Screening

PACE Continuous Credit for: Emerging Drug Combinations: Evolution From Pre- Clinical Discovery to Clinical

PACE Continuous Credit for: Measuring What Matters: Proliferation and Cell Death Biomarkers for Oncology Research

PACE Continuous Credit for: CK18 as a Biomarker in NASH Clinical Trials

PACE Continuous Credit for: Human Tissue models for better therapies 3D-Micro Tissues in Translational Toxicology and Disease Modelling

PACE Continuous Credit for: Discovery and Development of a Novel First-in-Class Resuscitative Agent

PACE Continuous Credit for: QIAGEN CLC Genomics Workbench 20 -scalable software for NGS data analysis

PACE Continuous Credit for: Micro physiological Systems for Human Focused Drug Discovery

PACE Continuous Credit for: Vancomycin: How might Urinary Biomarkers and Precision Dosing create Precision Medicine for the most

Attended 18th Annual Convention of Society of Pharmacognosy on “Promotion and Globalization of Indian Herbal Products- Perspectives and Prospects” on February 21-22, 2014

Attended 65th Indian Pharmaceutical Congress, New Delhi, December, 20-22 2013.

Attended one day workshop on “Techno-Managerial Skills” 1st March, 2013 at Apeejay Satya University School of Pharmaceutical Sciences, Gurgaon.

Attended two days workshop on “Modern Analytical Techniques and Formulation Development Guidelines for Nanotechnological Products” 7th -8th November,2012 at Apeejay Satya University School Of Pharmaceutical Sciences, Gurgaon.

Worked as Faculty Co-Ordinator in AICTE sponsored Staff Development Programme on “Lecture Design and teaching methodologies.” Organized by Ram Gopal College of Pharmacy, Gurgaon.

Worked as Faculty Co-Ordinator in National Pharmacy Week 2011 celebrations at Ram Gopal College of Pharmacy, Gurgaon.

Two days 14th National Convention Of Society Of Pharmacognosy from 20th -21st February 2010 at Hindu College of Pharmacy, Sonipat , sponsored by National Society of Pharmacognosy.

Attended “Workshop on GLP in Drug Testing Lab.” From 20 -21 March 2001, at NIPER, Mohali as a Delegate.

PROFESSIONAL SKILLS

Proficiency in handling computer computational software (Molecular modelling, Design of Experiments), Data search from various data bases, Handling of Analytical equipment.

Compiled NAAC document for School of Pharmaceutical Sciences, Apeejay Stya University, Gurugram.

PROFESSIONAL MEMBERSHIPS

Life time member of Indian Pharmaceutical Association (IPA)

Life time member Indian Pharmacy Graduate Association (IPGA)

Member of Association of Pharmaceutical Research (APR)

REFERENCES

Prof. Saranjit Singh, M. Pharm., Ph.D.

Ex-Professor & Head,

Department of Pharmaceutical Analysis

National Institute of Pharmaceutical Education and Research (NIPER),

Sector 67, S.A.S. Nagar (Mohali)-160062 (Punjab).

Dr. Sanju Nanda

Professor and Dean,

Department of Pharmaceutical Sciences

Maharshi Dayanand University, Rohtak- 124001 (Haryana).