


Curriculum Vitae

FullName:	DR.MUKESH MAITHANI			
Designation	Associate Professor			
Department:	Department of Pharmaceutical Sciences			
Campus:	Srinagar/Chauras			
Communication Address	Department of Pharmaceutical Sciences HNB Garhwal University (A Central University), Chauras Campus, P.O. Kilkilleshwar, Via Kritinagar Distt. Tehri Garhwal, Pin-249161, Uttarakhand			
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Educational Qualification:	M.Pharm., PhD, FMRC, PDCR			
Teaching Experience	More than 3 Yrs	Research Experience	More than 12 Yrs	
Research Interest and Fields of Specialization Pharmaceutical analysis, Stability indicating methods, Method validation, Bio analytical methods				
Administrative/Academic committees and responsibilities <ol style="list-style-type: none"> a. Member Board of Studies b. Member Admission Committee c. Member Anti-Ragging Squad d. Assistant superintendent of Examination 				
Membership of Scientific Organizations <ol style="list-style-type: none"> a. Lifetime membership of SIETIIE Innovation & Research Organization, New Delhi, India. 				
Research Supervision 15 M. Pharm (Pharmaceutics) 01 (Enrolled / Registered) in Ph.D.				
MoU: Memorandum of Understanding (MoU) between Department of Pharmaceutical Sciences, HNB Garhwal University (A Central University) Srinagar-Garhwal, (UK) and VCSG Govt. Institute of Medical Sciences & Research, Srinagar (Garhwal), Uttarakhand (Under Process)				
Conference/Symposium/Workshop (Last 5 Years) <ol style="list-style-type: none"> 1. Attended AICTE sponsored 6 days online STTP on "Target based drug design strategies utilising CADD tools and eco-friendly microwave assisted green synthesis" organized by ISF college of Pharmacy, Moga from 27th April to 2nd May, 2020. 2. Attended virtual web conference organized by Pharmaceutical Royal International Society (PRISAL Foundation) in association with Indore Institute of Pharmacy, Indore on 11th May, 2020. 3. Participated in the webinar on Evaporative Light Scattering Detector (ELSD) for Pharmaceutical and Food Analysis sponsored by Spinco Biotech Pvt Ltd., USA on 14th June, 2020. 4. Participated in virtual web conference on Good Clinical Practice sponsored by NIDA Clinical Trials Network, New Delhi on 13th June, 2020. 5. Attended virtual web conference on National Education Policy Programme 2020 sponsored by MyNeP, Govt. of India on 24th September, 2020. 6. Attended NBM training programme – Good Clinical Laboratory Practice (GCLP) held at Clinical Development Services Agency (CDSA), Translational Health Science and Technology 				

Institute (THSTI), Faridabad sponsored by Department of Biotechnology, Govt. Of India from 30th – 31st January, 2020.

7. Attended National Conference on Expanding Women's Role in Developing Technology: Increasing Productivity, Improving Lives" sponsored by National Women Commission (NCW), Govt of India on 14th -15th Feb, 2020 at Shobhit University Gangoh, Saharanpur, UP.
8. Attended NBM training programme – Good Clinical Laboratory Practice (GCLP) held at Clinical Development Services Agency (CDSA), Translational Health Science and Technology Institute (THSTI), Faridabad sponsored by Department of Biotechnology, Govt. Of India from 30th – 31st January, 2020.
9. Attended "Punjab Innovation & Technology Summit 2019" organized by Government of Punjab on 5th Nov. 2019 at Chandigarh.
10. Attended National workshop sponsored by Department of Health Research, Ministry of Health and Family Welfare, Govt. of India on "Research Methodology and Research Paper Writing Techniques for Multi-disciplinary Research Units and Model Rural Health Research Units" on 5-6, September, 2019 at Dharamshala, Himachal Pradesh.
11. Keynote speaker "GC/GC-MS Techniques as Cutting Edge in Quality Control of Herbal Formulations" in National Conference on Cutting Edge Technologies in Herbal Medicine at AVIPS, Shobhit University, Gangoh on 20 & 21 April, 2018.
12. Invited talk on "Recent trends of Gas Chromatograph: Instrumentation and Applications" in Faculty Development Program on "Recent Trends in Applied Sciences" dated on 20-21 December, 2017 at University Centre of Excellence and Research, Baba Farid University of Health Sciences, Faridkot.

Selected publications (Last 5 Years)

1. M. Maithani, D. Hatwal, M. Yadav, D.K. Dwivedi. A rapid spectrophotometric method for estimation of organic volatile impurity in hepatoprotective marketed formulations. *International Journal of Medical Science and Innovative Research*. 2021, 6(5); 26-31.
2. G. Singh, M. Arora, M. Maithani, M. Kumari, P. Bansal. Traditional homemade probiotic drink "Kanji" versus marketed probiotic drink: Critical representation of hidden therapeutic potentials. *Journal of Integrated Health Sciences*. 2021, 9:13-8.
3. M. Maithani, D. Dwivedi, D. Hatwal, P. Bansal. Development and validation of a RP-HPLC method for determination of Erdafitinib in marketed formulations. *Journal of Biomedical and Pharmaceutical Research*. 2020, 9(3): 1-6.
4. P. Sharma, M. Maithani, V. Gupta, P. Bansal. Ayurvedic Formulations Containing Benzoic and Ascorbic Acids as Additives: Benzene Formation during Storage and Impact of Additives on Quality Parameters. *Journal of Complementary and Integrative Medicine*. 2020, 18(1); 59-65.
5. P. Sharma, M. Maithani, V. Gupta, P. Bansal. Health Risks Associated with Benzene Formation in Health Supplements – An Appraisal. *Interdisciplinary Toxicology*. 2020, 13(2): 101–110.
6. P. Bansal, D.K. Dwivedi, D. Hatwal, P. Sharma, V. Gupta, S. Goyal, M. Maithani. Erdafitinib as a novel and advanced treatment strategy of Metastatic Urothelial Carcinoma. *Anti-Cancer Agents in Medicinal Chemistry*. 2021, 21: 1-9
7. N. Singh, P. Bansal, M. Maithani, Y. Chauhan. Development and Validation of Novel LC-MS/MS method for determination of Lusutrombopag in rat plasma and its application to pharmacokinetic studies. *Arabian Journal of Chemistry*. 2020, 13: 4162-69.
8. M. Maithani, R. Raturi, P. Sharma, V. Gupta, P. Bansal. Elemental impurities in pharmaceutical products adding fuel to the fire, *Regulatory Toxicology and Pharmacology*. 2019, 108: 1-11.
9. N. Singh, P. Bansal, M. Maithani, Y. Chauhan. Development and Validation of Novel Stability Indicating RP-HPLC Method for Simultaneous Determination of Tezacaftor and Ivacaftor in Fixed Dose Combination. *The Journal of Chromatographic Science*. 2019, 58(4): 346-354.
10. R. Raturi, M. Maithani, V. Gupta, R. G. Singhal, R. Singh, P. Bansal. First report of Isolation of N-isopropyl palmitamide from Natural source *Microstylis muscifera* (Lindl.) Kuntze: A potential chemical marker for identification. *Chemistry of Natural Compounds*. 2019, 4, 1-3.
11. M. Maithani, H. Grover, R. Raturi, V. Gupta, P. Bansal. Assessment of Compliance Level of ICH Guidelines for Organic Volatile Impurities in Common Ayurvedic Hepatic Formulations. *Journal of Complementary and Integrative Medicine*. 2019, 16(3): 1-5. J. K. Virk, V. Gupta, S. Kumar, R. Singh, R. Rawal, P. Bansal, M. Maithani. Isolation of Sinapic Acid from *Habenaria*

intermedia D. Don: A New Chemical Marker for the Identification of Adulteration and Substitution. *Current Traditional Medicine*. 2018, 4(1): 25-32.

12. M. Maithani, H. Grover, R. Raturi, V. Gupta, P. Bansal. Ethanol Content in Traditionally Fermented Ayurvedic Formulations: Compromised Good Manufacturing Practice (GMP) Regulations- Compromised Health, *The American Journal of Drug and Alcohol Abuse*. 2019, 45(2): 208-216.
13. M. Maithani, R. Raturi, H. Grover, V. Gupta, P. Bansal. Development of Novel ICH Compliant Method for Estimation of Ethanol Content in Traditionally Fermented Ayurvedic Formulations. *Current Traditional Medicine*. 2018, 4: 1-10.
14. N. Singh, P. Bansal, M. Maithani, Y. Chauhan. Development and Validation of Stability-Indicating RP-HPLC Method for Simultaneous Determination of Dapagliflozin and Saxagliptin in Fixed-Dose Combination, *New Journal of Chemistry*. 2018, (42): 2459-2466.
15. M. Maithani, R. Raturi, V. Gupta, R. Singh, P. Bansal. Development of Novel Method for Determination of Phenylephrine Hydrochloride and Cetirizine Hydrochloride in Tablet Dosage Form using RP-HPLC, *Journal of Biomedical and Pharmaceutical Research*, 2017, 6(4): 48-53.
16. M. Maithani, R. Raturi, V. Gupta, P. Bansal. Evolution of Regulatory Aspects of Genotoxic Impurities in Pharmaceuticals: Survival of the Fittest. *Journal of Liquid Chromatography & Related Technologies*. 2017, 40(15): 759–769.

BookChapter,Books (Last 5 Years)

Books

1. Mukesh Maithani, Deepak K. Dwivedi, Deepa Hatwal, CMS Rawat (2020) *Inborn Metabolic Disorders- A Comprehensive Overview*. Lambert Academic Publishing, Germany. (ISBN: 978-620-2-68570-2M).
2. Mukesh Maithani, Parveen Bansal. (2019) *Development of Novel Stability Indicating Methods Using LC*. Springer Nature Singapore Pte Ltd. (ISBN: 978-981-13-8722-7).
3. Maithani et al. (Associate Editor). (2018) *Body Donation, Embalming and Related Issues*, Editors: Dr. Parveen Bansal, Dr. Zora Singh. N.K. Publishers, India. (ISBN: 978-81-932245-4-0).

Chapter

1. V. Gupta, G. Kaur, M. Maithani, R. Bansal and P. Bansal. "Ashtawarga": the wondermedicinal herbs of nature. *Herbs, Spices and Their Roles in Nutraceuticals and Functional Foods*. Elsevier. Editor-Augustine Amalraj, Avtar Matharu. 2023, 309-336.
2. P. Bansal, M. Maithani, V. Gupta, G. Kaur and R. Bansal. Future prospective of nutraceutical and functional food with herbs and spices. *Herbs, Spices and Their Roles in Nutraceuticals and Functional Foods*. Elsevier. Editor-Augustine Amalraj, Avtar Matharu. 2023, 361-383.
3. M. Maithani, V. Chawla, P.A. Chawla. *Computers in Pharmaceutical Analysis*. Computer Aided Pharmaceutics and Drug Delivery, Springer Nature. Editor- Vikas Anand Saharan, 2021, 593-621.
4. P. Bansal, M. Arora, M. Maithani, V. Gupta. (2018) *Bioinformatics-Based Tools and Software in Clinical Research: A New Emerging Area*. *Methods Molecular Biology, Bioinformatics and Drug Discovery*, Springer Nature, Editor- Richard S. Larson and Tudor Oprea (Eds).
5. Mukesh Maithani, Yesh Kumar, Malika Arora, Vikas Gupta, Parveen Bansal, (2017) *Initiatives and Challenges in Schedule Y regulation in India: Still long way to go*, Chapter 10. pp 100-120. *Recent Advances in Clinical Trials*, Twenty First Century Publications, Patiala, Punjab. ISBN 978-93-85451-18-8.
6. Malika Arora, Raman Yadav, Mukesh Maithani, Vikas Gupta, Renu Bansal, Parveen Bansal, (2017) *Integrity of principal investigator and clinical research associate in clinical trials*, Chapter 17. pp 250-261. *Recent Advances in Clinical Trials*, Twenty First Century Publications, Patiala, Punjab. ISBN 978-93-85451-18-8.
7. Malika Arora, Mukesh Maithani, Navdeep Kaur, Vikas Gupta, Parveen Bansal, Renu Bansal, Manish Arora, (2017) *Hurdle in regulation/clinical trials of probiotics*, Chapter 14. pp 205-225. *Recent Advances in Clinical Trials*, Twenty First Century Publications, Patiala, Punjab. ISBN 978-93-85451-18-8.