

Dr. Pradeep Kumar

Assistant Professor
Centre for Pharmaceutical Sciences and Natural Products
School of Basic and Applied Sciences
Central University of Punjab
Bathinda- 151001
Email Id: pradeepyadav27@gmail.com
Mobile: +91-9813774553, +91-9416907995



Education

Course	Name of Institution	Year	Subject
Ph. D. (With Course Work)	Maharshi Dayanand University, Rohtak, Haryana	2013	Pharmaceutical Sciences
M. Pharmacy	Guru Jambheshwar University of Science and Technology, Hisar, Haryana	2008	Pharmaceutical Chemistry
B. Pharmacy	Guru Jambheshwar University of Science and Technology, Hisar, Haryana	2006	Pharmaceutical Sciences

Experience

Name of Institution	Designation	Duration	Role
Centre for Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda	Assistant Professor	July, 2015 – Till Date	Teaching (Inorganic Medicinal Chemistry, Basics of Drug Action and Drug Discovery and Medicinal Chemistry) and Research
Doon Valley Institute of Pharmacy and Medicine, Karnal, Haryana	Assistant Professor	June, 2013 – July, 2015	Teaching (Organic Chemistry, Analytical Chemistry and Medicinal Chemistry) and Research
P.D.M. School of Pharmacy, Safidon, Jind, Haryana	Lecturer	August, 2008 – July, 2009	Teaching (Medicinal Chemistry and Analytical Chemistry)

Teaching Assignments

- Organic Chemistry/Analytical Chemistry (UG level).
- Medicinal Chemistry and Analytical Chemistry (UG and PG level).
- Basics of Drug Action and Drug Discovery (PG level).

Professional Recognition /Awards/Scholarship

- Awarded with Dr. D.S. Kothari Post Doctoral Fellowship (UGC) in 2015
- Awarded with UGC-JRF/SRF in 2009 for pursuing Doctoral studies
- Qualified Graduate Aptitude Test in Engineering (GATE) in 2006, an essential requirement for getting scholarship during M. Pharm. Course)

Peer Recognition

- Reviewer to Medicinal Chemistry Research (Springer)
- Reviewer to International Journal of Biological Macromolecules (Elsevier)
- Reviewer to Drug Research (Thieme).

Membership of Professional Bodies

- Life member of Association of Pharmaceutical Teachers of India
- Registered as Pharmacist with Haryana State Pharmacy Council

Area specializations/Research Interests

- Design and synthesis of novel medicinally potent compounds.
- Biological screening of novel/synthesized medicinal compounds for their antibacterial, antifungal, antimycobacterial, antiviral and anticancer activities
- QSAR studies to correlate the physicochemical parameters/molecular descriptors of the novel/synthesized compounds and their biological property of interest.

Publications

Research Papers

Year 2016

1. Selvam C, Thilagavathi R, Narasimhan B, **Kumar P**, Jordan BC, Ranganna K (2016). Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): Comparative molecular field analysis of aryl ether derivatives. *Bioorganic & Medicinal Chemistry Letters*, 26(04), 1140-1144.
2. Deep A, **Kumar P**, Narasimhan B, Lim SM, Ramasamy K, Mishra RK, Mani V (2016) 2-Azetidinone derivatives: synthesis, antimicrobial, anticancer evaluation and QSAR studies. *Acta Poloniae Pharmaceutica - Drug Research*, 73(1), 65-78.
3. Deep A, **Kumar P**, Narasimhan B, Ramasamy K, Lim SM, Mani V, Mishra RK (2016). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of thiazolidin-4-one derivatives. *Acta Poloniae Pharmaceutica - Drug Research*, 73(1), 93-106.

Year 2015

1. **Kumar P**, Narasimhan B, Ramasamy K, Mani V, Mishra RK and Majeed ABA (2015). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 3/4-Bromo benzohydrazide derivatives. *Current Topics in Medicinal Chemistry*, 15, 1052-1066.
2. Khatkar A, Nanda A, **Kumar P**, Narasimhan B (2015). Synthesis and antimicrobial evaluation of ferulic acid derivatives. *Research on Chemical Intermediates*, 41, 299-309.
3. Deep A, **Kumar P**, Narasimhan B, Ramasamy K, Mani V, Mishra RK and Majeed ABA (2015). Synthesis, Antimicrobial, Anticancer Evaluation of 2-(aryl)-4-Thiazolidinone Derivatives and their QSAR Studies. *Current Topics in Medicinal Chemistry*, 2015;15(11):990-1002.
4. Devi J, Kumari S, Devi S, Malhotra R, **Kumar P**, Narasimhan B (2015). Synthesis, biological evaluation, and QSAR studies of organosilicon(IV) complexes derived from tridentate ONO Schiff bases of dehydroacetic acid and aromatic hydrazides. *Monatshefte für Chemie*, in press (DOI 10.1007/s00706-015-1470-3).
5. Vashist N, Sambhi SS, **Kumar P**, Narasimhan B (2015). Development of QSAR for Antimicrobial Activity of Substituted Benzimidazoles. *Drug Research*, in press.

- Verma D, **Kumar P**, Narasimhan B, Ramasamy K, Mani V, Mishra RK and Majeed ABA (2015). Synthesis, antimicrobial, anticancer and QSAR studies of 1-[4-(substituted phenyl)-2-(substituted phenyl azomethyl)-benzo[b]-[1,4]diazepin-1-yl]-2-substituted phenylaminoethanones. *Arabian Journal of Chemistry*, in press
- Deep A, **Kumar P**, Narasimhan B, Meng LS, Ramasamy K, Mishra RK, Mani V (2015). Synthesis, antimicrobial and anticancer evaluation of 2-azetidiones clubbed with quinazolinone. *Pharmaceutical Chemistry Journal*, in press.

Year 2014

- Kumar P**, Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA (2014). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-N'-(substitutedbenzylidene/3-phenylallylidene) benzohydrazides. *Arabian Journal of Chemistry*, in press.
- Kumar M, Narasimhan B, **Kumar P**, Kalavathy R, Mani V, Mishra RK, Majeed ABA (2014). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 4-(1-Aryl-5-chloro-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulphonamides. *Arabian Journal of Chemistry*, 7, 396–408.
- Saini M, **Kumar P**, Kumar M, Kalavathy R, Mani V, Mishra RK, Majeed ABA, Narasimhan B (2014). Synthesis, in vitro antimicrobial, anticancer evaluation and QSAR studies of N'-(substituted)-4-(butan-2-ylideneamino)benzohydrazides. *Arabian Journal of Chemistry*, 7, 448–460.
- Sapra A, **Kumar P**, Kakkar S, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of *p*-hydroxy benzoic acid derivatives. *Drug Research*, 64(01), 17-22.
- Tahlan S, **Kumar P**, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of stearic acid derivatives. *Drug Research*, 64(02), 98-103.
- Mehta S, **Kumar P**, Marwaha RK, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of 2-chlorobenzoic acid derivatives. *Drug Research*, 64(04), 208-213.
- Bansal A, **Kumar P**, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of 2-hydroxy propanoic acid derivatives. *Drug Research*, 64, 240-245.
- Meeta, **Kumar P**, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of *p*-amino benzoic acid derivatives. *Journal of Pharmaceutical Technology, Research and Management*, 2(1), 339-356.
- Khatkar A, Nanda A, **Kumar P**, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of gallic acid derivatives. *Arabian Journal of Chemistry*, in press.
- Khatkar A, Nanda A, **Kumar P**, Narasimhan B (2014). Synthesis, antimicrobial evaluation and QSAR studies of *p*- coumaric acid derivatives. *Arabian Journal of Chemistry*, in press.

Year 2013

- Kumar P**, Narasimhan B, Ramasamy K, Mani V, Mishra RK and Majeed ABA, Clercq ED (2013). N'-(4-((substituted imino)methyl)benzylidene)-substituted benzohydrazides:synthesis, antimicrobial, antiviral, anticancer evaluation, and QSAR studies. *Monatshefte für Chemie* 144, 825–849.
- Kumar H, Narasimhan B, **Kumar P**, Kalavathy R, Mani V, Mishra RK and Majeed ABA (2013). Synthesis, *in vitro* antimicrobial, anti-proliferative and QSAR studies of N-(substituted phenyl)-2/4-(1H-indol-3-ylazo)-benzamides. *Medicinal Chemistry Research* 22, 1957-1971.
- Gupta R, **Kumar P**, Narasimhan B (2013). Synthesis, antimicrobial evaluation and QSAR studies of monochloroacetic acid derivatives. *Arabian Journal of Chemistry*, in press.

4. Kumar S, **Kumar P**, Marwaha RK, Narasimhan B (2013). Synthesis, antimicrobial evaluation and QSAR studies of propionic acid derivatives. *Arabian Journal of Chemistry*, in press.
5. Tahlan S, **Kumar P**, Kalavathy R, Mani V, Mishra RK, Majeed ABA, Narasimhan B (2013). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of *N*-substituted benzylidene/2-hydroxynaphthalen-1-ylmethylene/3-phenylallylidene/5-oxopentylidene -4-(2-oxo-2-(4*H*-1,2,4-triazol-4-yl) methylamino) benzohydrazides. *Arabian Journal of Chemistry*, in press.

Year 2012

1. Mahiwal K, **Kumar P**, Narasimhan B (2012). Synthesis, antimicrobial evaluation, ot-QSAR and mt-QSAR studies of 2-amino benzoic acid derivatives. *Medicinal Chemistry Research* 21(3), 293-307.
2. Singh M, Kumar S, Kumar A, **Kumar P**, Narasimhan B (2012). Synthesis, Antimicrobial Evaluation and QSAR Analysis of 2-isopropyl-5-methylcyclohexanol derivatives. *Medicinal Chemistry Research* 21(4), 2012, 511-522.
3. Sharma D, Narasimhan B, **Kumar P** (2012). Synthesis and antibacterial evaluation of Cu(II) and Zn(II) complexes of the β -lactum antibiotic, cefdinir. *Medicinal Chemistry Research* 21, 796-803.
4. Kumar R, **Kumar P**, Kumar M, Narasimhan B (2012). Synthesis, antimicrobial evaluation and QSAR studies of 4-amino-3-hydroxy-naphthalene-1-sulfonic acid derivatives. *Medicinal Chemistry Research* 21, 4301–4310.
5. Sharma SK, Narasimhan B, **Kumar P**, Kalavathy R, Mani V, Mishra RK and Majeed ABA (2012). Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 6-methyl-4-[1-(2-substituted-phenylamino-acetyl)-1*H*-indol-3-yl]-2-oxo/thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid ethyl esters. *European Journal of Medicinal Chemistry* 48, 16-25.
6. Sigroha S, Narasimhan B, **Kumar P**, Khatkar A, Kalavathy R, Mani V, Mishra RK and Majeed ABA (2012). Design, synthesis, antimicrobial, anticancer evaluation, and QSAR studies of 4-(substituted benzylidene-amino)-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-ones. *Medicinal Chemistry Research* 21, 3863–3875.

Year 2011

1. Judge V, Narang R, Sharma D, Narasimhan B, **Kumar P** (2011). Hansch analysis for the prediction of antimycobacterial activity of ofloxacin derivatives. *Medicinal Chemistry Research* 20(7), 826-837.
2. Narasimhan B, Sharma D, **Kumar P**, Yogeswari P, Sriram D (2011). Synthesis, antimicrobial and antimycobacterial evaluation of [2-(substituted phenyl)-benzimidazol-1-yl / imidazol-1-yl]-pyridin-3-yl-methanones. *Journal of Enzyme Inhibition and Medicinal Chemistry* 26(5), 720-727.
3. Narasimhan B, Saharan R, **Kumar P** (2011). Hansch analysis of anti-inflammatory and analgesic activities of substituted 1-alkyl/aryl-3-ethoxy carbonyl-5-hydroxy-2-methyl indoles. *Acta Pharmaceutica Scientia* 53, 117 – 126.
4. Kumar D, Kapoor A, Thangadurai A, **Kumar P**, Narasimhan B (2011). Synthesis, antimicrobial evaluation and QSAR studies of 3-ethoxy-4-hydroxybenzylidene/4-nitrobenzylidene hydrazides. *Chinese Chemical Letters* 22, 1293-1296.

Year 2010

1. **Kumar P**, Narasimhan B, Yogeswari P and Sriram D (2010). Synthesis and antitubercular activities of substituted benzoic acid *N'*-(substituted benzylidene/furan-2-ylmethylene)-*N*-(pyridine-3-carbonyl)-hydrazides. *European Journal of Medicinal Chemistry* 45, 6085-6089.

2. Yadav S, **Kumar P**, Clercq E D, Balzarini J, Pannecouque C and Narasimhan B (2010). 4-[1-(Substituted aryl/alkyl carbonyl)-benzimidazol-2-yl]-benzenesulphonic acids: Synthesis, antimicrobial activity, QSAR studies and antiviral evaluation. *European Journal of Medicinal Chemistry* 45, 5985-5997.
3. **Kumar P**, Narasimhan B, Sharma D, Judge V, Narang R (2015). Synthesis and antibacterial evaluation of Cu(II) and Zn(II) complexes of cefadroxil. *Ukrainica Bioorganica Acta*, in press.

Year 2009

1. **Kumar P**, Narasimhan B, Sharma D, Judge V, Narang R (2009). Hansch analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides as antimicrobial agents. *European Journal of Medicinal Chemistry* 44(5), 1853-1863.
2. Sharma D, Narasimhan B, **Kumar P**, Narang R, Judge V, Clercq E D, Balzarini J (2009). Synthesis, antimicrobial and antiviral evaluation of substituted imidazole derivatives. *European Journal of Medicinal Chemistry* 44(6), 2347-2353.
3. Sharma D, Narasimhan B, **Kumar P**, Jalbout A (2009). Synthesis and QSAR evaluation of 2-(substituted phenyl)-1H-benzimidazoles and [2-(substituted phenyl)-benzimidazol-1-yl]-pyridin-3-yl-methanones. *European Journal of Medicinal Chemistry* 44(3), 1119-1127.
4. Sharma D, Narasimhan B, **Kumar P**, Narang R, Judge V, Clercq ED, Balzarini J (2009). Synthesis, antimicrobial and antiviral activity of substituted benzimidazoles. *Journal of Enzyme Inhibition and Medicinal Chemistry* 24(5), 1161-1168.

Year 2008

1. **Kumar P**, Narasimhan B, Sharma D, "Synthesis, antimicrobial evaluation and QSAR analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides" *ARKIVOC* xiii, 2008, 159-178.

Review Articles

Year 2015

1. Kumar S, **Kumar P**, Narasimhan B (2015). Biological activities of chalcones in the new millennium, *Pharmaceutical Chemistry Journal*, in press.

Year 2014

1. Mehta S, Marwaha RK, **Kumar P**, Narasimhan B (2014). A review on biological activities of quinazoline derivatives in the new millennium, *Pharmaceutical Chemistry Journal*, in press.

Year 2013

1. **Kumar P**, Narasimhan B (2013). Hydrazides/hydrazones as antimicrobial and anticancer agents in the new millennium, *Mini Reviews in Medicinal Chemistry*, 13(7), 971-987.

Year 2012

1. Narasimhan B, Sharma D, **Kumar P** (2012). Benzimidazole: A medicinally important heterocyclic moiety, *Medicinal Chemistry Research*, 21(3), 269-283.

Year 2011

1. Narasimhan B, Sharma D, **Kumar P** (2011). Biological importance of imidazole nucleus in the new millennium, *Medicinal Chemistry Research*, 20(8), 1119-1140.

Year 2010

1. Narasimhan B, **Kumar P**, Sharma D (2010). Biological activities of hydrazide derivatives in the new millennium. *Acta Pharmaceutica Scientia*, 52, 169-180.

Book Chapters

Year 2014

1. Saini T, **Kumar P**, Narasimhan B (2014). "Biological activities of pyrazole derivatives in the new millennium" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 1-33.
2. Bharti K, **Kumar P**, Kakkar S, Narasimhan B (2014). "Biological activities of phenothiazine derivatives in the new millennium" Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 34-64.
3. Rani A, Kumar M, Kumar S, **Kumar P**, Narasimhan B (2014). "Biological activities of isoxazole derivatives in the new millennium" Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 65-96.
4. Chugh M, **Kumar P**, Kumar M, Narasimhan B (2014). "Biological activities of benzodiazepine derivatives in the new millennium" Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 97-120.
5. Ritika, Marwaha RK, Kumar S, **Kumar P**, Narasimhan B (2014). "Biological activities of indole derivatives in the new millennium" Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 121-140.
6. Sharma D, **Kumar P**, Narasimhan B (2014). "Biological activities of quinoline derivatives in the new millennium" Narasimhan B. (Ed) (ISBN No.-978-3-659-57284-5). 21st Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, p. no. 141-175.

Year 2013

1. Sapra A, Kakkar S, **Kumar P**, Narasimhan B (2013). "An overview of anticancer potential of pyrimidine derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-33078-0). Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, p. no. 1-26.
2. Richa, **Kumar P**, Narasimhan B (2013). "An overview of biological activities of thiazole derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-33078-0). Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, p. no. 27-58.
3. Meeta, **Kumar P**, Narasimhan B (2013). "An overview of biological activities of pyrazole derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-33078-0). Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, p. no. 59-94.
4. Tahlan S, **Kumar P**, Narasimhan B (2013). "An overview of biological activities of 1,2,4-triazole derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-33078-0). Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, p. no. 95-128.
5. Punia P, Khatkar A, **Kumar P**, Narasimhan B (2013). "An overview of biological activities of antipyrene derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-33078-0). Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, p. no. 129-156.

6. Kumar S, **Kumar P**, Marwaha RK, Narasimhan B (2013). "A comprehensive review on biological activities of gallic acid derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-37949-9). Medicinal chemistry of heterocyclic/natural compounds, Lambert Academic Publishing, Germany, p. no. 88-103.
7. Saini M, **Kumar P**, Kumar M, Narasimhan B (2013). "A comprehensive review on biological activities of thiophene derivatives" in: Narasimhan B. (Ed) (ISBN No.-978-3-659-37949-9). Medicinal chemistry of heterocyclic/natural compounds, Lambert Academic Publishing, Germany, p. no. 104-139.

Poster/Oral presentations

Year 2015

1. **Pradeep Kumar**, Jitender Mor, Rajinder Mann and Balasubramanian Narasimhan, Fixed-dose combinations: Merits and Demerits, International conference on "Global trends in pharmaceutical & clinical practices" organized by College of Pharmacy, Teerthanker Mahaveer University, Moradabad, U.P. on February 06-07, 2015 (**Oral Presentation**).
2. Pradeep Kumar, Balasubramanian Narasimhan, Triple-negative Breast Cancer, 2nd Annual Conference of Association of Pharmaceutical Teachers of India (APTI) - Haryana State Branch, held on 24th and 25th October, 2015 at Department of Pharmaceutical Sciences, Maharshi Dayanand University Rohtak, Haryana (Abstract no. APTI-MDU/102)

Year 2014

1. **Pradeep Kumar**, Green Chemistry. Two Days Faculty Development Programme in collaboration with Indian Pharmacological Society on Emerging Trends in Pharmaceutical Practices, held at Teerthanker Mahaveer College of Pharmacy, Teerthanker Mahaveer University, Moradabad, U.P. on 12th to 13th September, 2014 (**Invited Guest Lecture**).
2. **Pradeep Kumar**, Balasubramanian Narasimhan, Ruma Saharan, Hansch analysis of anti-inflammatory and analgesic activities of substituted 1-alkyl/aryl-3-ethoxy carbonyl-5-hydroxy-2-methyl indoles, 1 Annual Conference of Association of Pharmaceutical Teachers of India, Haryana State Branch, held at Kurukshetra university, Kurukshetra on August 22-23, 2014 (Abstract no. PCHEM 15) (**Oral Presentation**).
3. **Pradeep Kumar**, Balasubramanian Narasimhan, Synthesis and antitubercular activities of substituted benzoic acid *N'*-(substituted benzylidene/furan-2-ylmethylene)-*N*-(pyridine-3-carbonyl)-hydrazides, International Conference on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.
4. Ram Kumar Roy, **Pradeep Kumar** and Prince Prasant Sharma, Conversion of isolated betulin betulenic acid to via Jone's oxidation, International Conference on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.
5. Jitender Mor, **Pradeep Kumar**, Rajinder Mann, Ram Kumar Roy, Recent advances in colon targeted drug delivery systems, International Conference on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.
6. Rajinder Mann, **Pradeep Kumar**, Jitender Mor, Ram Kumar Roy, Pharmacognostical and physico-chemical evaluation of the roots of *Cryptolepis dubia* (Burm.f.) M.r. Almedia, International Conference on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.

7. **Pradeep Kumar**, Balasubramanian Narasimhan, Hansch analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides as antimicrobial agents, UGC Sponsored National Seminar on Recent Trends and Innovations in Pharmaceutical Research, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak held on 8th March, 2014.
8. Rajinder Mann, **Pradeep Kumar**, Jitender Mor, Ram Kumar Roy, Pharmacognostical standardization of the roots of *Solena amplexicaulis* (lam.) Gandhi, UGC Sponsored National Seminar on Recent Trends and Innovations in Pharmaceutical Research, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak held on 8th March, 2014.
9. Jitender Mor, Pradeep Kumar, Rajinder Mann, Ram Kumar Roy, Liposomes as drug delivery systems, UGC Sponsored National Seminar on Recent Trends and Innovations in Pharmaceutical Research, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak held on 8th March, 2014.
10. **Pradeep Kumar**, Balasubramanian Narasimhan, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-*N'*-(substituted benzylidene/3-phenylallylidene)benzohydrazides, 18th Annual Convention of Society of Pharmacognosy on "Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects" held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on February 21-22, 2014 (Abstrat no. ISPPH-235).
11. Rajinder Mann, **Pradeep Kumar**, Jitender Mor, Ram Kumar Roy, Pharmacognostical and physico-chemical evaluation of the stem of *Solena amplexicaulis* (lam.) Gandhi, 18th Annual Convention of Society of Pharmacognosy on "Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects" held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on February 21-22, 2014 (Abstrat no. ISPPH-233).
12. Teena Saini, **Pradeep Kumar**, Saloni Kakkar, Balasubramanian Narasimhan, Synthesis, antimicrobial and anticancer evaluation of N-((3-(4-substituted phenyl)-1-phenyl-1H-pyrazol-4-yl)methylene)-substituted benzenamines, 18th Annual Convention of Society of Pharmacognosy on "Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects" held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on February 21-22, 2014 (Abstrat no. ISPPH-233).

Year 2012

1. **Pradeep Kumar**, Balasubramanian Narasimhan, Synthesis, antimicrobial and anticancer evaluation of 3/4-bromo-*N'*-(substituted benzylidene/ furan-2-ylmethylene/ 5-oxopentylidene/ 3-phenylallylidene)benzohydrazides, IPGA national convention-17- 18 November 2012, held at Kurukshetra University, Kurukshetra [Abstract no. IPGANC-144].
2. Mahak Saini, **Pradeep Kumar**, Mahesh Kumar, Balasubramanian Narasimhan, Synthesis, *in vitro* antimicrobial and anticancer evaluation and QSAR studies of *N'*-(substituted)-4-(butan-2-ylideneamino)benzohydrazides, IPGA national convention-17- 18 November 2012, held at Kurukshetra university, Kurukshetra [Abstract no. IPGANC-143].
3. Sanjiv Kumar, **Pradeep Kumar**, Rakesh Kumar Marwaha, Balasubramanian Narasimhan, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 3,4,5-trihydroxy benzoic acid derivatives, IPGA national convention-17- 18 November 2012, held at Kurukshetra university, Kurukshetra [Abstract no. IPGANC-145].
4. Sneha Lata, Shinky Mehta, **Pradeep Kumar**, Rakesh Kumar Marwaha, Balasubramanian Narasimhan, Synthesis, antimicrobial and anticancer evaluation of

n-[2-(4-chloro-phenyl)-4-oxo-4h-quinazolin-3-yl]-2-(substitutedphenylamino)-acetamide derivatives, IPGA national convention-17- 18 November 2012, held at Kurukshetra university, Kurukshetra [Abstract no. IPGANC-146].

5. Sumit Tahlan, **Pradeep Kumar**, Balasubramanian Narasimhan, Synthesis, antimicrobial and anticancer evaluation of 1,2,4-triazole derivatives, IPGA national convention-17- 18 November 2012, held at Kurukshetra university, Kurukshetra [Abstract no. IPGANC-146].

Year 2011

1. **Pradeep Kumar**, Balasubramanian Narasimhan, Synthesis, antimicrobial, antiviral evaluation and QSAR studies of substituted benzoic acid {4-[(substituted imino/phenylimino/naphthalen-1-ylimino/benzylimino)-methyl]-benzylidene}-hydrazides, 6th National Conference On Thermodynamics of Chemical And Biological Systems (NCTCBS-2011, OP-67), held on 02-04-11, Department of Chemistry, Maharshi Dayanand University, Rohtak.

Year 2010

1. Kuldeep Mahiwal, **Pradeep Kumar** and Balasubramanian Narasimhan, Synthesis, antimicrobial and QSAR studies of 2-amino Benzoic Acid, AICTE Sponsored National Seminar on Recent Trends in Pharmaceutical Research, August 7-8, 2010, p. 26 [Abstract No. PC-110].
2. Pooja, **Pradeep Kumar**, Mahesh Kumar, Balasubramanian Narasimhan, 4-Nitro benzoic acid derivatives: Synthesis, antimicrobial evaluation and Quantitative Structure Activity Relationship studies, AICTE sponsored National Seminar on Recent Trends in Pharmaceutical Research, M.M.College of Pharmacy,Mullana-133207, AMBALA, August 7-8, 2010, p. 30 [Abstract No. PC-123].
3. Sneha Lata, **Pradeep Kumar** and Balasubramanian Narasimhan, Correlation of antimicrobial activities of 4-[1-(substituted aryl/alkyl carbonyl)-benzimidazol-2-yl]-benzenesulphonic acids using Hansch analysis, AICTE Sponsored National Seminar on Recent Trends in Pharmaceutical Research, August 7-8, 2010, p. 34 [Abstract No. PC-134].

Year 2007

1. **Pradeep Kumar**, Deepika Sharma, Narasimhan B, Antimicrobial substituted benzoic acid linked substituted benzylidene hydrazides, Abstract No-B-220, P-202, Proceedings of 59th Indian Pharmaceutical Congress, 20-23 Dec. 2007, BHU, Varanasi.
2. Deepika Sharma, **Pradeep Kumar**, Narasimhan B, Preparation and antimicrobial evaluation of 2-(substituted phenyl)-1-H-benzimidazoles Abstract No-B-202, P-198, Proceedings of 59th Indian Pharmaceutical Congress, 20-23 Dec. 2007, BHU, Varanasi.
3. **Pradeep Kumar**, Deepika Sharma, Narasimhan B, Adverse Drug Reactions, 7th Annual conference of Society of Pharmacovigilance, 23-25 Nov. 2007, National Institute of Medical Sciences Medical College and Hospital, Jaipur.
4. Deepika Sharma, **Pradeep Kumar**, Tushar Dhamija, Munish Ahuja, Narasimhan B, Off label Drugs, Abstract No. 104, 7th Annual conference of Society of Pharmacovigilance, 23-25 Nov. 2007, National Institute of Medical Sciences Medical college and Hospital, Jaipur.
5. **Pradeep Kumar**, Deepika Sharma, Narasimhan B, QSAR studies by Free Wilson analysis, Abstract No.RTPER-103, P-78, National Seminar on Recent Trends in

Pharmaceutical Education and Research, 29-30 Sept. 2007, Rajendra Institute of Technology and Sciences, Sirsa.

6. Deepika Sharma, **Pradeep Kumar**, Narasimhan B, Importance of outliers detection and their removal in drug discovery by QSAR studies, Abstract No.RTPER-041, P-38, National Seminar on Recent Trends in Pharmaceutical Education and Research, 29-30 Sept. 2007, Rajendra Institute of Technology and Sciences, Sirsa.

Conferences/Seminars/Workshop/Teaining Programs Attended

Year 2015

1. Attended IPR clinic: A workshop on “Patent, Copyright drafting and Design Registration” at College of Pharmacy, Chitkara University, Rajpura, Punjab, held on January 16, 2015.

Year 2014

1. One day Workshop on “Handling of Sophisticated Analytical Instruments” held at Jan Nayak Chaudhary Devi Lal College of Pharmacy, Sirsa, Haryana on July 19, 20014.

Year 2013

1. 65th Indian Pharmaceutical Congress held at Amity University, Noida on December 20-22, 2013.
2. DSW sponsored one day workshop on “Instrumental Methods in Pharmaceutical Resrearch” held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on 28th November, 2013.
3. Career Counselling and Placement Cell Sponsored Two Day Workshop on Personality Development, Communication skills and Resume writing, held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak March 22 and 23, 2013.

Year 2012

1. National seminar on “Challenges in Combating Diseases: Cause to Cure”, March 23, 2012 held at Department of Zoology, Maharshi Dayanand University, Rohtak.

Year 2009

1. National Seminar on Advances and Regulatory Aspects for Pharmaceutical and Herbal Drugs, October 31, 2009, Chitkara College of Pharmacy, Punjab, India.
2. ISTE sponsored Short Term Training Programme on “Recent Advances in Drug Development: Role of Novel Drug Delivery System”, 2nd -6th Feb., 2009 held at PDM College of Pharmacy, Bahadurgarh, Haryana.

Year 2007

1. 12th Annual APTI National Convention Reorienting Pharmaceutical Education for Future Challenges, 25th -27th Oct, 2007 at UIPS, Panjab University, Chandigarh.

Research Guidance

M. Pharm. (Co-Supervisor)

1. Title: “Formulation and evaluation of oral dissolving films of lisinopril”- Mr. Vishal Dubey (DVIPM Roll No: 1105, Regn. No. - 11-DVI-65). Thesis submitted in August 2013.
2. Title: “Development and evaluation of oral fast dissolving tablets of lornoxicam using superdisintegrants – A comparative study”- Mr. Praveen Chauhan (DVIPM Roll No: 1112, Regn. No. - 11-DVI-57). Thesis submitted in August 2013.