

## RESUME

**NAME** : **Dr. PRADEEP KUMAR**  
**FATHER'S NAME** : Sh. Sajjan Singh  
**QUALIFICATION** : M. PHARM.(Pharm. Chem.); Ph. D.;  
**ADDRESS** : V.P.O. - Palri, Tehsil - Charkhi Dadri,  
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[pkcpsnp@cup.ac.in](mailto:pkcpsnp@cup.ac.in)

**DATE OF BIRTH** : December 27, 1983  
**SEX** : Male  
**MARITAL STATUS** : Unmarried  
**NATIONALITY** : Indian



### AREAS OF INTEREST

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

### PROFESSIONAL RECOGNITION /AWARDS/SCHOLARSHIP

- Convener, Curriculum Design and Development Committee (Centre for Pharmaceutical Sciences and Natural Products) Central University of Punjab, Bathinda.
- Co-ordinator, Journal Club (Centre for Pharmaceutical Sciences and Natural Products) Central University of Punjab, Bathinda.
- Member, Academic and Administrative Committee (Centre for Pharmaceutical Sciences and Natural Products) Central University of Punjab, Bathinda.
- Awarded with UGC- Dr. D.S. Kothari Post Doctoral Fellowship - 2015.
- Awarded with UGC-JRF/SRF (October 29, 2009 to June 18, 2013).
- Qualified GATE in Pharmaceutical Sciences in 2006 (GATE score 421, AIR = 709).
- Registered as Pharmacist with Haryana State Pharmacy Council.
- Life member of Association of Pharmaceutical Teachers of India.

### PEER RECOGNITION

Reviewer of various international journals like:

- International Journal of Biological Macromolecules (Elsevier).
- Medicinal Chemistry Research & Chemistry Central Journal (Springer).
- Anti-Cancer Agents in Medicinal Chemistry (Bentham Science Publishers).
- Drug Research (Thieme).
- Journal of Applied Pharmaceutical Science (Open Science Publishers)

### TITLE OF Ph.D. THESIS

- Synthesis and antimicrobial evaluation of substituted hydrazides (**Supervisor = Prof. B. Narasimhan**).

**ACADEMIC QUALIFICATIONS**

Exam	Year of Passing	Roll No./ Regn. No.	Institute/Department	Board/ University	Subjects
Ph. D.	2013	10/Ph.D./Pharm . Sci.-6	Department of Pharmaceutical Sciences	M.D.U., Rohtak, Haryana	Pharmaceutical Sciences
Pre Ph. D.	2012	1111610009			
M. Pharm. (Pharm. Chem.)	2008	0613308	Department of Pharmaceutical Sciences	G.J.U.S.&T., Hisar, Haryana	Pharmaceutical Chemistry
B. Pharm.	2006	0213124			Pharmaceutical Sciences
10+2	2001	2215467	Yaduvanshi Shiksha Niketan, Mahendergarh, Haryana	C.B.S.E., New Delhi	Physics, Chemistry, Biology, English, Hindi, Physical and Health Education
Matriculation	1999	348420	Arya Vart High School, Adampur Dadhi, Bhiwani, Haryana	B.S.E.H., Bhiwani, Haryana	English, Hindi, Mathematics, Science, Social Science, Physical and Health Education
GATE	2006	PY 819137	IIT Kharagpur	--	Pharm. Sciences

Exam	Max. Marks	Marks obtained	% Marks	Division	Remarks
Ph. D.	Date of Registration = 14-03-2010; Date of Submission = 13-03-2013				Awarded on 11-07-2013
Pre Ph. D.	250	182	72.80	First	
M. Pharm.	1800	1300	72.22	First	Distinction
B. Pharm.	5500	3439	62.53	First	
10+2	500	339	67.80	First	
Matriculation	600	494	82.33	First	Merit
GATE	GATE Score = 421; All India Rank = 709				Qualified

**PROFESSIONAL EXPERIENCE**

Period	Position held	Pay Scale	Institute/Organisation
July 31, 2015 – Till Date	Assistant Professor	15600P-39100 + 6000 GP	Centre for Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda
June 18, 2013 – July 30, 2015	Assistant Professor	15600-39100 + 6000 GP	Doon Valley Institute of Pharmacy and Medicine, Karnal, Haryana
Aug 5, 2008 – July 17, 2009	Lecturer	8000-275- 13500	P.D.M. School of Pharmacy, Safidon, Jind, Haryana

**RESEARCH GUIDANCE (M. PHARM. DISSERTATION SUPERVISED, API = 6)**

S. No.	Name of student	Title of thesis	Role	Session	API
1	Vishal Dubey	Formulation and evaluation of oral dissolving films of lisinopril	Co-Supervisor	2012-13	3
2	Praveen Chauhan	Development and evaluation of oral fast dissolving tablets of lornoxicam using superdisintegrants – A comparative study			3

**RESEARCH GUIDANCE (M. PHARM. DISSERTATION SUPERVISED at CUPB, API = 6)**

S. No.	Name of student	Title of thesis	Session	API
1	Rishabh Bhatia	Design, synthesis and <i>in silico</i> investigation of heterocyclic derivatives as putative anti-cancer agents	2016-17	3
2	Rohit Kumar	Synthesis and <i>in silico</i> studies of pyrazoline containing quinoline derivatives as PI3K inhibitors		3

**RESEARCH GUIDANCE (M. SC. PROJECT WORK SUPERVISED at CUPB)**

S. No.	Name of student	Title of thesis	Session
1	Mir Sahidul Ali	Synthesis and <i>in silico</i> studies of quinoline derivatives against PBP2a	2016-17
2	Prateek Singh Bora	Hansch analysis for the antifungal activity of indole derivatives	
3	Mridul	Hansch analysis for the anti-bacterial activity of indole derivatives	

**Ongoing research Projects**

S. No.	Title	Funding agency	Cost (Rs.)
1	Synthesis of novel quinoline derivatives as anti-methicillin resistant <i>Staphylococcus aureus</i> (MRSA) agents	Central University of Punjab	3.00 Lakhs
2	Synthesis of pyridine based anti-Methicillin resistant <i>Staphylococcus aureus</i> agents	UGC	10.00 Lakhs

**LIST OF PUBLICATIONS**

**(TOTAL JIF = 95.329, TOTAL CITATIONS = 526, SJR = 23.625, SNIP = 51.883, API = 250.925; Google scholar h Index = 13; i<sub>10</sub> Index = 14)**

**RESEARCH ARTICLES****International**

S. No.	Publication Details	Journal Impact factor	ISSN NO.	SJR	SNIP	API
<b>2008</b>						
1	<b>Kumar P</b> , Narasimhan B, Sharma D, Synthesis, antimicrobial evaluation and QSAR analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides, <i>ARKIVOC</i> xiii, 2008, 159-178.	1.17	1551-7012	0.250	0.786	7.50
<b>2009</b>						
2	<b>Kumar P</b> , Narasimhan B, Sharma D, Judge V, Narang R, Hansch analysis of substituted benzoic acid benzylidene/furan-2-yl-methylene hydrazides as antimicrobial agents, <i>European Journal of Medicinal Chemistry</i> 2009, 44(5), 1853-1863.	3.45	0223-5234	1.000	1.611	9.00

S. No.	Publication Details	Journal Impact factor	ISSN NO.	SJR	SNIP	API
3	Sharma D, Narasimhan B, <b>Kumar P</b> , Narang R, Judge V, Clercq E D, Balzarini J, Synthesis, antimicrobial and antiviral evaluation of substituted imidazole derivatives, <i>European Journal of Medicinal Chemistry</i> 2009, 44(6), 2347-2353.	3.45	0223-5234	1.000	1.611	2.40
4	Sharma D, Narasimhan B, <b>Kumar P</b> , Jalbout A, Synthesis and QSAR evaluation of 2-(substituted phenyl)-1H-benzimidazoles and [2-(substituted phenyl)-benzimidazol-1-yl]-pyridin-3-yl-methanones, <i>European Journal of Medicinal Chemistry</i> 2009, 44(3), 1119-1127.	3.45	0223-5234	1.000	1.611	6.00
5	Sharma D, Narasimhan B, <b>Kumar P</b> , Narang R, Judge V, Clercq ED, Balzarini J, Synthesis, antimicrobial and antiviral activity of substituted benzimidazoles, <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2009, 24(5), 1161-1168.	2.33	1475-6374	0.600	1.119	2.00
<b>2010</b>						
6	<b>Kumar P</b> , Narasimhan B, Yogeswari P and Sriram D, Synthesis and antitubercular activities of substituted benzoic acid N'-(substituted benzylidene/furan-2-ylmethylene)-N-(pyridine-3-carbonyl)-hydrazides, <i>European Journal of Medicinal Chemistry</i> 2010, 45, 6085-6089.	3.45	0223-5234	1.000	1.611	9.00
7	Yadav S, <b>Kumar P</b> , Clercq E D, Balzarini J, Pannecouque C and Narasimhan B, 4-[1-(Substituted aryl/alkyl carbonyl)-benzimidazol-2-yl]-benzenesulphonic acids: Synthesis, antimicrobial activity, QSAR studies and antiviral evaluation, <i>European Journal of Medicinal Chemistry</i> 2010, 45, 5985-5997.	3.45	0223-5234	1.000	1.611	4.00
<b>2011</b>						
8	Judge V, Narang R, Sharma D, Narasimhan B, <b>Kumar P</b> , Hansch analysis for the prediction of antimycobacterial activity of ofloxacin derivatives, <i>Medicinal Chemistry Research</i> 2011, 20(7), 826-837.	1.402	1554-8120	0.410	1.611	3.33
9	Narasimhan B, Sharma D, <b>Kumar P</b> , Yogeswari P, Sriram D, Synthesis, antimicrobial and antimycobacterial evaluation of [2-(substituted phenyl)-benzimidazol-1-yl / imidazol-1-yl]-pyridin-3-yl-methanones, <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 2011, 26(5), 720-727.	2.33	1475-6374	0.600	1.119	3.33
10	Narasimhan B, Saharan R, <b>Kumar P</b> , Hansch analysis of anti-inflammatory and analgesic activities of substituted 1-alkyl/aryl-3-ethoxy carbonyl-5-hydroxy-2-methyl indoles, <i>Acta Pharmaceutica Scientia</i> 2011, 53, 117 – 126.	--	1307-2080	0.180	0.743	5.00
11	Kumar D, Kapoor A, Thangadurai A, <b>Kumar P</b> , Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of 3-ethoxy-4-hydroxybenzylidene/4-nitrobenzylidene hydrazides, <i>Chinese Chemical Letters</i> 2011, 22, 1293-1296.	1.587	1001-8417	0.420	0.688	3.33
<b>2012</b>						
12	Mahiwal K, <b>Kumar P</b> , Narasimhan B, Synthesis, antimicrobial evaluation, ot-QSAR and mt-QSAR studies of 2-amino benzoic acid derivatives, <i>Medicinal Chemistry Research</i> 21(3), 2012, 293-307.	1.40	1554-8120	0.410	1.611	8.33
13	Singh M, Kumar S, Kumar A, <b>Kumar P</b> , Narasimhan B, Synthesis, Antimicrobial Evaluation and QSAR Analysis of 2-isopropyl-5-methylcyclohexanol derivatives, <i>Medicinal Chemistry Research</i> 2012, 21(4), 511-522.	1.402	1554-8120	0.410	1.611	3.33

S. No.	Publication Details	Journal Impact factor	ISSN NO.	SJR	SNIP	API
14	Sharma D, Narasimhan B, <b>Kumar P</b> , Synthesis and antibacterial evaluation of Cu(II) and Zn(II) complexes of the $\beta$ -lactum antibiotic, cefdinir, <i>Medicinal Chemistry Research</i> 2012, 21, 796-803.	1.402	1554-8120	0.410	1.611	8.33
15	Kumar R, <b>Kumar P</b> , Kumar M, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of 4-amino-3-hydroxy-naphthalene-1-sulfonic acid derivatives, <i>Medicinal Chemistry Research</i> 2012, 21, 4301-4310.	1.402	1554-8120	0.410	1.611	5.00
16	Sharma SK, Narasimhan B, <b>Kumar P</b> , Ramasamy K, Mani V, Mishra RK, Majeed ABA, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 6-methyl-4-[1-(2-substituted-phenylamino-acetyl)-1H-indol-3-yl]-2-oxo/thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid ethyl esters, <i>European Journal of Medicinal Chemistry</i> 2012, 48, 16-25.	3.447	0223-5234	1.000	1.611	2.40
17	Sigroha S, Narasimhan B, <b>Kumar P</b> , Khatkar A, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Design, synthesis, antimicrobial, anticancer evaluation, and QSAR studies of 4-(substituted benzylidene-amino)-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-ones, <i>Medicinal Chemistry Research</i> 2012, 21, 3863-3875.	1.402	1554-8120	0.410	1.611	1.66
<b>2013</b>						
18	Kumar H, Narasimhan B, <b>Kumar P</b> , Ramasamy K, Mani V, Mishra RK, Majeed ABA, Synthesis, <i>in vitro</i> antimicrobial, anti-proliferative and QSAR studies of N-(substituted phenyl)-2/4-(1H-indol-3-ylazo)-benzamides, <i>Medicinal Chemistry Research</i> 2013, 22, 1957-1971.	1.402	1554-8120	0.410	1.611	2.00
19	<b>Kumar P</b> , Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Clercq ED, N'-(4-((substituted imino)methyl)benzylidene)-substituted benzohydrazides: synthesis, antimicrobial, antiviral, anticancer evaluation, and QSAR studies, <i>Monatshefte für Chemie</i> 2013, 144, 825-849.	1.222	1434-4475	0.410	0.643	7.50
<b>2014</b>						
20	Sapra A, <b>Kumar P</b> , Kakkar S, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of p-hydroxy benzoic acid derivatives, <i>Drug Research</i> 2014, 64(01), 17-22.	0.701	0004-4172	0.250	--	4.00
21	Kumar M, Narasimhan B, <b>Kumar P</b> , Ramasamy K, Mani V, Mishra RK, Majeed ABA, 4-(1-Aryl-5-chloro-2-oxo-1,2-dihydro-indol-3-ylideneamino)-N-substituted benzene sulfonamides: Synthesis, antimicrobial, anticancer evaluation and QSAR studies, <i>Arabian Journal of Chemistry</i> 2014, 7, 436-447.	3.725	1878-5352	0.523	1.489	2.40
22	Saini M, Kumar P, Kumar M, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Narasimhan B, Synthesis, <i>in vitro</i> antimicrobial, anticancer evaluation and QSAR studies of N'-(substituted)-4-(butan-2-ylideneamino)benzohydrazides, <i>Arabian Journal of Chemistry</i> 2014, 7, 448-460.	3.725	1878-5352	0.523	1.489	2.00
23	<b>Kumar P</b> , Narasimhan B, Sharma D, Judge V, Narang R, Synthesis and antibacterial evaluation of Cu(II) and Zn(II) complexes of cefadroxil” <i>Ukrainica Bioorganica Acta</i> 2014, In Press.	--	1814-9766	--	--	4.50
24	Tahlan S, Kumar P, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of stearic acid derivatives, <i>Drug Research</i> 2014, 64(02), 98-103	0.701	0004-4172	0.250	--	6.67

S. No.	Publication Details	Journal Impact factor	ISSN NO.	SJR	SNIP	API
25	Mehta S, Kumar P, Marwaha RK, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of 2-chlorobenzoic acid derivatives, <i>Drug Research</i> 2014, 64(04), 208-213.	0.701	0004-4172	0.250	--	4.00
26	Bansal A, Kumar P, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of 2-hydroxy propanoic acid derivatives, <i>Drug Research</i> 2014, 64, 240-245.	0.701	0004-4172	0.250	--	6.67
27	Deep A, <b>Kumar P</b> , Narasimhan B, Meng LS, Ramasamy K, Mishra RK, Mani V, Synthesis, antimicrobial and anticancer evaluation of 2-azetidinones clubbed with quinazolinone, <i>Pharmaceutical Chemistry Journal</i> 2014, in press	0.452	1573-9031	0.210	0.320	1.60
<b>2015</b>						
28	<b>Kumar P</b> , Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 3/4-Bromo benzohydrazide derivatives, <i>Current Topics in Medicinal Chemistry</i> 2015, 15, 1052-1066.	3.402	1873-5294	0.990	1.611	9.00
29	Khatkar A, Nanda A, <b>Kumar P</b> , Narasimhan B, Synthesis and antimicrobial evaluation of ferulic acid derivatives, <i>Research on Chemical Intermediates</i> 2015, 41, 299-309.	1.221	1568-5675	0.336	0.538	4.00
30	Deep A, <b>Kumar P</b> , Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Synthesis, Antimicrobial, Anticancer Evaluation of 2-(aryl)-4-Thiazolidinone Derivatives and their QSAR Studies, <i>Current Topics in Medicinal Chemistry</i> 2015, 15 (11), 990-1002	3.402	1873-5294	0.990	1.611	2.40
31	Devi J, Kumari S, Devi S, Malhotra R, <b>Kumar P</b> , Narasimhan B, Synthesis, biological evaluation, and QSAR studies of organosilicon(IV) complexes derived from tridentate ONO Schiff bases of dehydroacetic acid and aromatic hydrazides, <i>Monatshefte für Chemie</i> 2015, 146, 1995-2005	1.222	1434-4475	0.410	0.643	2.00
32	Vashist N, Sambhi SS, Kumar P, Narasimhan B, Development of QSAR for Antimicrobial Activity of Substituted Benzimidazoles, <i>Drug Research</i> 2015; 65(05), 225-230	0.701	0004-4172	0.250	--	4.00
33	Verma D, <b>Kumar P</b> , Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA, 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, <i>Arabian Journal of Chemistry</i> 2015, in press	3.725	1878-5352	0.523	1.489	2.40
<b>2016</b>						
34	Deep A, <b>Kumar P</b> , Narasimhan B, Lim SM, Ramasamy K, Mishra RK, Mani V, 2-Azetidinone derivatives: synthesis, antimicrobial, anticancer evaluation and QSAR studies, <i>Acta Poloniae Pharmaceutica - Drug Research</i> 2016, 73(1), 65-78.	0.737	00016837	0.320	--	1.60
35	Deep A, <b>Kumar P</b> , Narasimhan B, Ramasamy K, Lim SM, Mani V, Mishra RK, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of thiazolidin-4-one derivatives, <i>Acta Poloniae Pharmaceutica - Drug Research</i> 2016, 73(1), 93-106.	0.737	00016837	0.320	--	1.60

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<b>2017</b>						
36	Selvam C, Thilagavathi R, Narasimhan B, <b>Kumar P</b> , Jordan BC, Ranganna K, Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): Comparative molecular field analysis of aryl ether derivatives, <i>Bioorganic &amp; Medicinal Chemistry Letters</i> 2016, 26(04), 1140-1144	2.420	0960-894X	0.821	0.859	2.40
37	Kaushik CP, Kumar K, Narasimhan B, Singh D, <b>Kumar P</b> , Pahwa A, Synthesis, antimicrobial activity, and QSAR studies of amide-ester linked 1,4-disubstituted 1,2,3-triazoles, <i>Monatshefte für Chemie</i> 2017, 148:765–779	1.222	1434-4475	0.410	0.643	1.60
38	Khatkar A, Nanda A, Kumar P, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of gallic acid derivatives, <i>Arabian Journal of Chemistry</i> 2017, 10, S2870–S2880.	3.725	1878-5352	0.523	1.489	6.00
39	<b>Kumar P</b> , Narasimhan B, Ramasamy K, Mani V, Mishra RK, Majeed ABA, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-N'-(substitutedbenzylidene/3-phenylallylidene) benzohydrazides, <i>Arabian Journal of Chemistry</i> 2017, 10 S3740–S3748.	3.725	1878-5352	0.523	1.489	9.00
40	Khatkar A, Nanda A, <b>Kumar P</b> , Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of p- coumaric acid derivatives, <i>Arabian Journal of Chemistry</i> 2017, 10, S3804–S3815.	3.725	1878-5352	0.523	1.489	6.00
41	Kumar S, <b>Kumar P</b> , Marwaha RK, Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of propionic acid derivatives, <i>Arabian Journal of Chemistry</i> 2017, 10, S881–S893.	3.725	1878-5352	0.523	1.489	6.00
42	Tahlan S, <b>Kumar P</b> , Ramasamy K, Mani V, Mishra RK, Majeed ABA, Narasimhan B, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of N-substituted benzylidene/2-hydroxynaphthalen-1-ylmethylene/3-phenylallylidene/5-oxopentylidene-4-(2-oxo-2-(4H-1,2,4-triazol-4-yl)methylamino) benzohydrazides, <i>Arabian Journal of Chemistry</i> 2017, 10, S2009–S2017.	3.725	1878-5352	0.523	1.489	2.40
43	Gupta R, <b>Kumar P</b> , Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of monochloroacetic acid derivatives, <i>Arabian Journal of Chemistry</i> 2017, 10, S909-S920.	3.725	1878-5352	0.523	1.489	9.00

### REVIEW ARTICLES

S.No.	Publication Details	Journal Impact factor	ISSN No.	SJR	SNIP	API
<b>2010</b>						
1	Narasimhan B, <b>Kumar P</b> , Sharma D, Biological activities of hydrazide derivatives in the new millennium, <i>Acta Pharmaceutica Scientia</i> 2010, 52, 169-180.	--	1307-2080	0.180	0.743	5.00
<b>2011</b>						
2	Narasimhan B, Sharma D, <b>Kumar P</b> , Biological importance of imidazole nucleus in the new millennium, <i>Medicinal Chemistry Research</i> 2011, 20(8), 1119-1140.	1.402	1554-8120	0.410	1.611	8.33

S.No.	Publication Details	Journal Impact factor	ISSN No.	SJR	SNIP	API
<b>2012</b>						
3	Narasimhan B, Sharma D, <b>Kumar P</b> , Benzimidazole: A medicinally important heterocyclic moiety, <i>Medicinal Chemistry Research</i> 2012, 21(3), 269-283.	1.402	1554-8120	0.410	1.611	8.33
<b>2013</b>						
4	<b>Kumar P</b> , Narasimhan B, Hydrazides/hydrazones as antimicrobial and anticancer agents in the new millennium, <i>Mini Reviews in Medicinal Chemistry</i> 2013, 13(7), 971-987.	2.903	1875-5607	0.670	1.611	15.00
<b>2014</b>						
5	Mehta S, Marwaha RK, <b>Kumar P</b> , Narasimhan B, A review on biological activities of quinazoline derivatives in the new millennium, <i>Pharmaceutical Chemistry Journal</i> 2014, in press	0.452	1573-9031	0.210	0.320	4.00
<b>2015</b>						
6	Kumar S, <b>Kumar P</b> , Narasimhan B, Biological activities of chalcones in the new millennium, <i>Pharmaceutical Chemistry Journal</i> 2015, in press	0.452	1573-9031	0.210	0.320	6.66

### National

S.No.	Publication Details	Journal Impact factor	ISSN NO.	SJR	SNIP	API
<b>2014</b>						
1	Meeta, <b>Kumar P</b> , Narasimhan B, Synthesis, antimicrobial evaluation and QSAR studies of p-amino benzoic acid derivatives, <i>Journal of Pharmaceutical Technology Research and Management</i> 2014, 2(1), 339-356.	--	2123-2225	--	--	3.33

### BOOK CHAPTERS PUBLISHED (API =130)

S. No.	Publication Details	ISBN No.	API
1	Sapra A, Kakkar S, <b>Kumar P</b> , Narasimhan B, "An overview of anticancer potential of pyrimidine derivatives" in: Narasimhan B. (Ed), Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, 2013, p. no. 1-26.	978-3-659-33078-0	10
2	Richa, <b>Kumar P</b> , Narasimhan B, "An overview of biological activities of thiazole derivatives" in: Narasimhan B. (Ed), Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, 2013, p. no. 27-58.	978-3-659-33078-0	10
3	Meeta, Kumar P, Narasimhan B, "An overview of biological activities of pyrazole derivatives" in: Narasimhan B. (Ed), Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, 2013, p. no. 59-94.	978-3-659-33078-0	10
4	Tahlan S, <b>Kumar P</b> , Narasimhan B, "An overview of biological activities of 1,2,4-triazole derivatives" in: Narasimhan B. (Ed), Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, 2013, p. no. 95-128.	978-3-659-33078-0	10
5	Punia P, Khatkar A, <b>Kumar P</b> , Narasimhan B, "An overview of biological activities of antipyrine derivatives" in: Narasimhan B. (Ed), Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing, Germany, 2013, p. no. 129-156.	978-3-659-33078-0	10
6	Kumar S, <b>Kumar P</b> , Marwaha RK, Narasimhan B, "A comprehensive review on biological activities of gallic acid derivatives" in: Narasimhan B. (Ed), Medicinal chemistry of heterocyclic/natural compounds, Lambert Academic Publishing, Germany, 2013, p. no. 88-103.	978-3-659-37949-9	10



S. No.	Publication Details	ISBN No.	API
7	Saini M, <b>Kumar P</b> , Kumar M, Narasimhan B, "A comprehensive review on biological activities of thiophene derivatives" in: Narasimhan B. (Ed), Medicinal chemistry of heterocyclic/natural compounds, Lambert Academic Publishing, Germany, 2013, p. no. 104-139.	978-3-659-37949-9	10
8	Saini T, <b>Kumar P</b> , Narasimhan B, "Biological activities of pyrazole derivatives in the new millennium" in: Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 1-33.	978-3-659-57284-5	10
9	Bharti K, <b>Kumar P</b> , Kakkar S, Narasimhan B, "Biological activities of phenothiazine derivatives in the new millennium" Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 34-64.	978-3-659-57284-5	10
10	Rani A, Kumar M, Kumar S, <b>Kumar P</b> , Narasimhan B, "Biological activities of isoxazole derivatives in the new millennium" Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 65-96.	978-3-659-57284-5	10
11	Chugh M, <b>Kumar P</b> , Kumar M, Narasimhan B, "Biological activities of benzodiazepine derivatives in the new millennium" Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 97-120.	978-3-659-57284-5	10
12	Ritika, Marwaha RK, Kumar S, <b>Kumar P</b> , Narasimhan B, "Biological activities of indole derivatives in the new millennium" Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 121-140.	978-3-659-57284-5	10
13	Sharma D, <b>Kumar P</b> , Narasimhan B, "Biological activities of quinoline derivatives in the new millennium" Narasimhan B. (Ed), 21 <sup>st</sup> Century: The era of heterocyclic compounds in medicinal Chemistry, Lambert Academic Publishing, Germany, 2014, p. no. 141-175.	978-3-659-57284-5	10

**CONFERENCES/ SEMINARS: Poster/Oral presentations (API = 95)**

S. No.	Details of presentation	API
<b>Poster Presentations</b>		
1	<b>Pradeep Kumar</b> , Deepika Sharma, Narasimhan B, Adverse Drug Reactions, 7 <sup>th</sup> Annual conference of Society of Pharmacovigilance, 23-25 Nov. 2007, National Institute of Medical Sciences Medical College and Hospital, Jaipur.	7.50
2	<b>Pradeep Kumar</b> , 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.	7.50
3	<b>Pradeep Kumar</b> , Deepika Sharma, Narasimhan B, Antimicrobial substituted benzoic acid linked substituted benzylidene hydrazides, Abstract No-B-220, P-202, Proceedings of 59 <sup>th</sup> Indian Pharmaceutical Congress, 20-23 Dec. 2007, BHU, Varanasi.	7.50
4	<b>Pradeep Kumar</b> , 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].	7.50
5	<b>Pradeep Kumar</b> , Balasubramanian Narasimhan, Synthesis, antimicrobial, anticancer evaluation and QSAR studies of 2/3-bromo-N'-(substituted benzylidene/3-phenylallylidene)benzohydrazides, 18 <sup>th</sup> 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).	7.50
6	<b>Pradeep Kumar</b> , 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 8 <sup>th</sup> March, 2014.	7.50

7	<b>Pradeep Kumar</b> , Balasubramanian Narasimhan, Synthesis and antitubercular activities of substituted benzoic acid <i>N'</i> -(substituted benzylidene/furan-2-ylmethylene)- <i>N</i> -(pyridine-3-carbonyl)-hydrazides, <b>International Conference</b> on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.	10.00
8	<b>Pradeep Kumar</b> , 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 <sup>st</sup> Annual Conference of Association of Pharmaceutical Teachers of India, Haryana State Branch, held at Kurukshetra university, Kurukshetra on August 22-23, 2014 (Abstrat no. PCHEM 15)	7.50
9	<b>Pradeep Kumar</b> , Balasubramanian Narasimhan, Triple-negative Breast Cancer, 2 <sup>nd</sup> Annual Conference of Association of Pharmaceutical Teachers of India (APTI) - Haryana State Branch, held on 24 <sup>th</sup> and 25 <sup>th</sup> October, 2015 at Department of Pharmaceutical Sciences, Maharshi Dayanand University Rohtak, Haryana (Abstrat no. APTI-MDU/102)	7.50
10	<b>Pradeep Kumar</b> , Mridul, Balasubramanian Narasimhan, Hansch analysis for the antibacterial activity of indole derivatives, 69 <sup>th</sup> Indian Pharmaceutical Congress held at Chitkara University, Banur on December 22-24, 2017 (Poster No:B-69).	7.50
<b>Oral Presentations</b>		
1	<b>Pradeep Kumar</b> , Balasubramanian Narasimhan, Synthesis, antimicrobial, antiviral evaluation and QSAR studies of substituted benzoic acid {4-[(substituted imino/phenylimino/naphthalen-1-ylimino/benzylimino)-methyl]-benzylidene}-hydrazides, 6 <sup>th</sup> 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.	7.50
2	<b>Pradeep Kumar</b> , Jitender Mor, Rajinder Mann and Balasubramanian Narasimhan, Fixed-dose combinations: Merits and Demerits, <b>International conference</b> on “Global trends in pharmaceutical & clinical practices” organized by College of Pharmacy, Teerthanker Mahaveer University, Moradabad, U.P. on February 06-07, 2015.	10.00
3	<b>Pradeep Kumar</b> , Doping in sports, Regional Seminar on “Socio-Legal and other Challenges for the Prevention of Drug Abuse in India: Existing Approaches and Agenda of Reform”, Held at Central University of Punjab, Bathinda on August 24-25, 2017.	7.50

**RESOURCE PERSON AT CONFERENCE / SEMINAR / REFRESHER COURSE / FACULTY DEVELOPMENT PROGRAMME: (API = 05)**

S.NO.	DATE	TOPIC	CONFERENCE / SEMINAR / PROGRAMME
1	12-09-14	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 12 <sup>th</sup> to 13 <sup>th</sup> September, 2014.

**WORKSHOPS/CONFERENCES ORGANIZED**

- Organized a three day workshop on “*Drug Design, Molecular Docking, Virtual Screening and Pharmacoinformatics*” 26<sup>th</sup>-28<sup>th</sup> November, 2015 at Central University of Punjab, Bathinda
- Organized a three day advanced workshop on “*Molecular Docking, virtual screening and computational biology*” 15<sup>th</sup>-17<sup>th</sup> November, 2017 at Central University of Punjab, Bathinda

**Other Poster presentations**

- 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.
- Deepika Sharma, **Pradeep Kumar**, Tushar Dhamija, Munish Ahuja, Narasimhan B, Off label Drugs, Abstract No. 104, 7<sup>th</sup> Annual conference of Society of Pharmacovigilance, 23-25 Nov. 2007, National Institute of Medical Sciences Medical college and Hospital, Jaipur.

3. 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, Varanasi.
4. 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].
5. 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].
6. 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].
7. 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].
8. 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].
9. 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].
10. Sumit Tahlani, **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].
11. 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 8<sup>th</sup> March, 2014.
12. Rajinder Mann, **Pradeep Kumar**, Jitender Mor, Ram Kumar Roy, Pharmacognostical and physico-chemical evaluation of the stem of *Solena amplexicaulis* (lam.) Gandhi, 18<sup>th</sup> 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 (Abstract no. ISPPH-233).
13. 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, 18<sup>th</sup> 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 (Abstract no. ISPPH-233).
14. 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 8<sup>th</sup> March, 2014.
15. Ram Kumar Roy, **Pradeep Kumar** and Prince Prasant Sharma, Conversion of isolated betulin betulenic acid to via Jones' oxidation, **International Conference** on Drug Resistance, Development, Pharmaceutical Technology and Outcomes, College of Pharmacy, Chitkara University, Rajpura, Punjab, held on April 11-12, 2014.
16. 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.
17. 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.

### Attended

1. 12<sup>th</sup> Annual APTI National Convention Reorienting Pharmaceutical Education for Future Challenges, 25<sup>th</sup> -27<sup>th</sup> Oct, 2007 at UIPS, Panjab University, Chandigarh.
2. National Seminar on Advances and Regulatory Aspects for Pharmaceutical and Herbal Drugs, October 31, 2009, Chitkara College of Pharmacy, Punjab, India.
3. National seminar on “Challenges in Combating Diseases: Cause to Cure”, March 23, 2012 held at Department of Zoology, Maharshi Dayanand University, Rohtak.
4. “Continuing Pharmacy Education” program organized by Haryana State Pharmacy Council, held at Rohtak on October 14, 2012.
5. 65<sup>th</sup> Indian Pharmaceutical Congress held at Amity University, Noida on December 20-22, 2013.
6. Attended Acquaintance Program of Inter University Accelerator Centre, New Delhi at Central University of Punjab, Bathinda organized on 4<sup>th</sup> April, 2016.
7. 3<sup>rd</sup> Annual Conference of APTI-Haryana State Branch, Organized by Jan Nayak Ch. Devi Lal College of Pharmacy, Sirsa, Haryana, Held on November 11-12, 2016
- 8.

### TRAINING PROGRAMS/ WORKSHOPS

1. Two months industrial training on “Formulation and quality control of parenteral small volume (injectable and ophthalmic)” at Regain Laboratories, Hisar, Haryana (1<sup>st</sup> June 2005 to 31<sup>st</sup> July, 2005).
2. ISTE sponsored Short Term Training Programme on “Recent Advances in Drug Development: Role of Novel Drug Delivery System”, 2<sup>nd</sup> -6<sup>th</sup> Feb., 2009 held at PDM College of Pharmacy, Bahadurgarh, Haryana.
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.
4. DSW sponsored one day workshop on “Instrumental Methods in Pharmaceutical Research” held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on 28<sup>th</sup> November, 2013.
5. One day Workshop on “Handling of Sophisticated Analytical Instruments” held at Jan Nayak Chaudhary Devi Lal College of Pharmacy, Sirsa, Haryana on July 19, 2014.
6. 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.
7. Attended one day workshop on “Prime Minister’s Fellowship for Doctoral Research” held at Central University of Punjab, Bathinda on May 3<sup>rd</sup>, 2017.

### REFERENCES

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