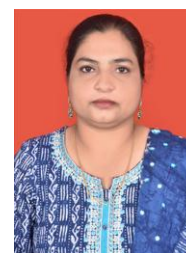


Curriculum Vitae

Name Dr. Mrs. Karimunnisa Sameer Shaikh
Contact no 9881865610
E-mail karima78@rediffmail.com, karimashaikh78@gmail.com
Date of Birth 11th June 1978
Address H. No. 101/1/6A, Shanti Colony-B, Vishnunagar, Kalewadi, Pune- 411017
Nationality Indian
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Languages Known English, Hindi, Marathi, Urdu
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Research profile:

Scopus id : 36627715700; **Researcherid** : F-1422-2015
Publications : 26 (International: 22; National: 04)
No. of citations : 290 **h-index: 12** **i10 index: 14**
Highest impact factor : 6.402 **Cumulative impact factor: 51.267**

Complete list of publications in SCI Journals & other Referred Journals in chronologically descending order beginning with latest publication along with impact factor of the journal as per JCR 2017.

Sr. No.	Details of publications	Impact factor
1.	Shaikh Karimunnisa , Pandhe Puja, Kale Sangita, Bothiraja Chellampillai, Development and Evaluation of a Novel Drug Delivery System for Albendazole, Indian Journal of Pharmaceutical Education and Research , 2018; 52(3):408-415.	0.250
2.	Pawar, Atmaram Pandurang; Singh, Srishti; Solaimalai, Rajalakshmi; Shaikh, Karimunnisa ; Bothiraja, Chellampillai, Development of fisetin-loaded folate functionalized pluronic micelles for breast cancer targeting, Artificial Cells, Nanomedicine and Biotechnology , Published online in Jan 2018, doi.org/10.1080/21691401.2018.1423991.	5.6
3.	Kumbhar Amol B, Chaudhari P. D, Shaikh Karimunnisa and Dongaonkar Chaitali C, Modern approaches for the treatment of periodontitis: a review, World Journal of Pharmacy and Pharmaceutical Sciences , 2017, 6(9), 628-647.	-
4.	Nikita Maruti Gaikwad, Karimunnisa Sameer Shaikh , Pravin Digambar Chaudhari, Development and Evaluation of a System for Colonic Delivery of Budesonide, Indian Journal of Pharmaceutical Education and Research , 2017, 51(4), 551-561.	0.250
5.	Atmaram Pawar, Piyush Mehta, Karimunnisa Shaikh , C. Bothiraja and S Rajalakshmi, Strategies for formulation development of andrographolide, RSC Adv. , 2016,6, 69282-69300.	3.108
6.	Atmaram Pawar, C. Bothiraja, Karimunnisa Shaikh and Ashwin Mali, An insight into cochleates, a potential drug delivery system, RSC Adv. , 2015, 5, 81188-81202.	3.108
7.	C. Bothiraja, Vijay Kumbhar, Atmaram Pawar, Karimunnisa Shaikh and Ravindra Kamble, Development of floating in situ gelling system as an efficient anti-ulcer formulation: in vitro and in vivo studies, RSC Adv. , 2015, 5, 28848-28856.	3.108
8.	Amol D Thingale, Karimunnisa S Shaikh , Prajakta R Chanekar, Upendra C Galgatte, Praveen D. Chaudhari, C. Bothiraja, Enhanced hepatoprotective activity of andrographolide complexed with a biomaterial, Drug Delivery , 2015, Jan; 22(1):117-24.	6.402
9.	Bothiraja C, Harshad S Kapare, Atmaram Pawar, Karimunnisa S Shaikh , Investigation of ethyl cellulose microsponges gel for topical delivery of eberconazole nitrate, Therapeutic Delivery , 2014, 5(7), 781-794.	-
10.	C. Bothiraja, U. H. Thorat, A. P. Pawar and K. S. Shaikh , Chitosan coated layered clay montmorillonite nanocomposites modulate oral delivery of paclitaxel in colonic cancer, Materials Technology: Advanced Biomaterials , 2014, 29(B2), B120-B126.	0.593
11.	Pavan Ram Kamble, Karimunnisa Sameer Shaikh , Pravin Digambar Chaudhari, Application of liquisolid technology for enhancing solubility and dissolution of rosuvastatin, Advanced Pharmaceutical Bulletin , 2014, 4(2), 197-204.	-
12.	C. Bothiraja, B.Y. Dilip, A.P. Pawar, K.S. Shaikh , U.H. Thorat, Fisetin- loaded nanocochleates: Formulation, characterization, in-vitro anticancer testing, bioavailability and biodistribution study, Expert Opin Drug Deliv , (2014) 11(1):17-29.	5.657
13.	C. Bothiraja, Amol D Gholap, Atmaram P. Pawar, Karimunnisa S Shaikh , Development of plumbagin-loaded phospholipid-Tween® 80 mixed micelles: formulation, optimization, effect on breast cancer cells	-

	and human blood/serum compatibility testing”, Therapeutic Delivery , October 2013, Vol. 04, No. 10; Pages 1247-1259.	
14.	Kedar P Jadhav, Karimunnisa S. Shaikh , Praveen D. Chaudhari, C Bothiraja, Formulation and evaluation of pullulan based oral film for delivery of antihypertensive drug, Trends in Carbohydrate Research , 2013, (5)4,46-58.	-
15.	Anuprita Landge, Atmaram Pawar, Karimunnisa Shaikh , Investigation of cochleates as carriers for topical drug delivery, International Journal of Pharmacy and Pharmaceutical Sciences , 2013, 5(2):314-320.	1.1
16.	Karimunnisa S. Shaikh & Atmaram P. Pawar, Evaluation of mucoadhesive liposomal gel for vaginal delivery of ciclopirox olamine, Drug Development and Industrial Pharmacy , 2013 Sep; 39(9):1328-37. Epub 2012 Aug 7. doi: 10.3109/03639045.2012.707204.	2.295
17.	Chellampillai Bothiraja , Atmaram P Pawar, Ashwin Mali, Karimunnisa S. Shaikh , Improved solubility and pharmacodynamic properties of surface modified bioactive plumbagin crystals, International Journal of Surface Science and Engineering , 2013, 7(2):181 – 195.	0.507
18.	Siddhodhan Shatrughan Bodade, Karimunnisa S Shaikh , Meghana S Kamble, Praveen D Chaudhari, A study on ethosomes as mode for transdermal delivery of an antidiabetic drug, Drug Delivery , 2013, 20(1): 40–46.	6.402
19.	Karimunnisa Shaikh , Atmaram Pawar, Shama Aphale, Alpana Moghe, Effect of vesicular encapsulation on in-vitro cytotoxicity of ciclopirox olamine, International Journal of Drug Delivery , 2012, 4(2).	1.02
20.	C. Bothiraja, Atmaram P Pawar, Ganesh Dama, Prajakta P Joshi, Karimunnisa S Shaikh , Novel solvent-free gelucire extract of <i>Plumbago zeylanica</i> using non-everted rat intestinal sac method for improved therapeutic efficacy of plumbagin, Journal of Pharmacological and Toxicological Methods , 66 (2012) 35–42.	2.238
21.	C. Bothiraja, Atmaram P. Pawar, Prakash L. Munde, Karimunnisa S Shaikh , Preparation, optimization and in-vitro evaluation of andrographolide loaded floating Cavilink™ beads for phytotherapy, Nanoscience Nanotechnology Letter , Vol. 4, 445–453, 2012.	1.889
22.	Govind S. Asane, Yamsani Madhusudan Rao, Jaykrishna H Bhatt, Karimunnisa S Shaikh , Optimization, characterisation and pharmacokinetic studies of mucoadhesive oral multiple unit systems of ornidazole, Scientia Pharmaceutica . 2011; 79: 181–196.	0.853
23.	A. P. Pawar and Karimunnisa S Shaikh , Study of role of ethosomes in topical delivery of an antifungal agent, Journal of Pharmacy and Pharmacology , 62(10) 1300, 2010.	2.405
24.	Karimunnisa S. Shaikh & Atmaram P. Pawar, Liposomal delivery enhances cutaneous availability of ciclopirox olamine Lat. Am. J. Pharm. 29 (5): 763-70 (2010).	0.298
25.	Shaikh Karimunnisa , Bothiraja C, Pawar AP, Studies on non-ionic surfactant bilayer vesicles of ciclopirox olamine, Drug Dev Ind Pharm , 6 (2010):946-953.	2.295
26.	C. Bothiraja, Atmaram. P. Pawar, Karimunnisa S. Shaikh and Praveen Sher. Eudragit® EPO based nanoparticle suspension of andrographolide: <i>In vitro</i> and <i>in vivo</i> . Nanosci. Nanotech. Lett. 10(3), 1-9, 2009.	1.889
	Cumulative impact factor	51.267

Funded projects:

1. Completed project on "Pharmacological evaluation of intranasal hesperetin formulation in Parkinson's disease" funded by the committee of Women in World Neuroscience (WWN) of the **International Brain Research Organization (IBRO)** within the WWN/SFN COLLABORATIVE RESEARCH NETWORK PROGRAM (CRNP) program.
2. Completed project entitled “Surfactant modified ethosomes for transdermal delivery of a potential phytoconstituent” funded by Board of Colleges and University Development, **Savitribai Phule Pune University**, Pune, India.

Patents:

1. **Patent No. 76/MUM/2014 filed:** A novel humic acid coated enteric formulation and a process for preparing the same
2. **Patent No. 77/MUM/2014 filed:** Humic acid based enteric formulations

Reviewer: for the following reputed journals

1. Applied Biomaterials
2. Artificial Cells, Nanomedicine and Biotechnology
3. Current Clinical Pharmacology
4. Drug Delivery
5. Drug Delivery Letters
6. Drug Development and Industrial Pharmacy
7. International Journal of Biological Macromolecules
8. International journal of Nanomedicine
9. Journal of Applied Pharmaceutical Science
10. Journal of Biomaterials Science: Polymer Edition
11. Journal of Biomedical Materials Research Part B:

12. Journal of Drug Delivery Science and Technology
13. Journal of HIV for Clinical and Scientific Research
14. Journal of Liposome Research
15. Journal of Microencapsulation
16. Letters in Drug Design and Discovery

17. Research and Reports in Transdermal Drug Delivery
18. The Open Medicinal Chemistry Journal
19. Toxicology and Applied Pharmacology
20. Acta Chimica & Pharmaceutica Indica
21. Journal of Infectious Diseases & Immune Therapies

Research guidance:

1. No. of M. Pharm students guided: 26
2. No. of Ph.D students guiding: 04

Specialization : Pharmaceutics (**M.Pharm. and PhD**)

M.Pharm. Project: “Novel drug delivery design for the treatment of Helicobacter pylori infection.” The work involved development of a bilayered floating capsule of tetracycline, metronidazole and bismuth subsalicylate.

Ph.D project : “Studies on vesicular drug delivery systems for topical use.” The work involved development of liposomal, niosomal and ethosomal systems for cutaneous and vaginal drug delivery of an antifungal drug, ciclopirox olamine. The prepared systems were further evaluated by in-vitro and ex-vivo methods and extensive cytotoxicity studies on cell lines.

Subjects taught:

B. Pharm: Pharmaceutics – I, Dispensing Medications and Hospital Pharmacy, Pharmaceutical Engineering, Pharmaceutical Analysis, Pharmaceutics – III, Biopharmaceutics and Pharmacokinetics, Modern Dispensing Practices, Dosage Form Design, Quality Assurance Techniques.

M. Pharm: Advanced Quality Assurance Techniques (cGMP and documentation), Pharmaceutical Validation, Novel Drug Delivery Systems, Sterile product Formulation and Technology, Advanced Pharmaceutics, Quality Management Systems

Certificate Course in “Intellectual property Rights” – Course co-ordinator

Professional Achievements Briefly:

1. Ranked **5th topper** in the NPTEL Online course on “**Patent Drafting for Beginners**” conducted by Indian Institute of Technology, Madras.
2. Successfully completed NPTEL FDP online course on “**Biomedical Nanotechnology**” conducted by Indian Institute of Technology, Roorkee.
3. Received **National Doctoral Fellow** from AICTE, Delhi from March 2008 to April 2011.
2. Member of Association of Pharmaceutical Teachers of India - MA/LM 701.
3. Approved **PG teacher and Ph.D guide** by Savitribai Phule Pune University
4. Appointed as Head, Department of Quality Assurance Techniques at Modern College of Pharmacy since September 2011.
5. **Consulting Editor** of the journal, Research and Reports in Transdermal Drug Delivery.
6. **Editorial board member** of Journal of Applied Pharmaceutical Sciences.
7. Completed **Summer Research Fellowship Programme 2014** by **Indian Academy of Sciences**, Bangalore from 21st April 2014 to 15th June 2014 at School of Life Sciences, Hyderabad Central University, Hyderabad under the guidance of Dr. Mrs. Aparna Dutta- Gupta.
8. Resource person at seminars

Seminars, conferences and workshops: 27

To mention a few (in ascending order):

1. AICTE sponsored QIP on “Formulation strategies, regulatory and IPR issues related to dosage form development” from 6th Feb to 18th Feb 2012 at Poona College of Pharmacy, Pune-38.
2. Presented paper at UGC sponsored “National Conference on the Innovative Research and Developments in Pharmaceutical Sciences” on 7th and 8th January 2012, at Poona College of Pharmacy, Erandawane, Pune-38.
3. International Conference on Advances in Polymeric Materials and Nanotechnology, POLYTECH 2012, Jointly organized by the Advanced Research Centre in Pharmaceutical Sciences and Applied Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth University, Pune, The Society for Polymer Science, India, National Chemical Laboratory, Pune and C-MET, Pune from December 15-17, 2012.
4. Presented at regional research conference ‘Innovation 2015’ (Faculty of pharmaceutical sciences) at Sinhgad College of Pharmacy Vadgaon(Bk.) on 29th and 30th June 2015
5. Presented at regional research conference ‘Innovation 2016’ (Faculty of pharmaceutical sciences) at Marathwada Mitra Mandal’s College of Pharmacy, Thergaon, Kalewadi, Pune on 27th September 2016
6. Attended workshop on “Systematic review and meta analysis” held at Centre of Complementary and Integrative Health (CCIH), Interdisciplinary School of Health Sciences on 6th October 2017.