

Dr. Nasir Abbas

(H.E.C Approved Supervisor)

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SUMMARY

A positive thinking, mature, enthusiastic and a reliable gentleman. Ever ready for any assigned task. A challenging & demanding environment favors my professional capabilities. My interest in the field of research and science developed whilst my pharmacy degree. Apprenticeship and work experience in pharmaceutical industry provided me an opportunity to clear my concepts and boosted my interest in this field. During my PhD and MSc at world class universities in UK and research project at AstraZenica, UK I have learned the necessary expertise of up-to the minute tools of drug development. I have worked on various characterization techniques including Crystallography, X-ray diffraction techniques, Synchrotron diffraction techniques, HPLC, Mass Spectroscopy, Raman Spectroscopy, IR, NMR etc. Looking forward for an opportunity to make a major contribution to higher education institutes in Pakistan. For the past few years actively involved in research, teaching and other academic activities at undergraduate as well as postgraduate level. I am also involved in various managerial tasks at department and University level.

EDUCATION

No	Degree	University/ Institute/ Board	Starting date	End Date	Major Achievements
1	Doctor of Philosophy (PhD)	University of Edinburgh, UK	Sep 2006	May 2010	<ul style="list-style-type: none">• Winner of GSK (GlaxoSmith Kline Studentship)• EastChem Scholarship• CharlsWallace Trust Award• Partial support scholarship HEC
2	Master of Science (MSc)	Strathclyde University, UK	Sep 2005	August 2006	<ul style="list-style-type: none">• Degree awarded with Merit• Distinction in Research Project• Winner of AstraZenica UK Research Project• Ranked 2nd in class
3	Bachelors of Pharmacy (B-Pharm)	University of the Punjab, Pakistan	Sep 1996	May 2002	<ul style="list-style-type: none">• Throughout first Division• Distinction in Maths (First Prof)
4	Higher Secondary School Examination (FSc) (Pre-Medical)	Federal Board of Intermediate and Secondary Education (FBISE)	March 1993	March 1996	<ul style="list-style-type: none">• First Division (Grade A+)
5	Secondary School Examination (Matric Science)	Rawalpindi Board of Intermediate and Secondary Education (RBISE)	March 1992	March 1993	<ul style="list-style-type: none">• First Division (Grade A+)

OTHER FORMAL TRAINING AND EDUCATION/ RESEARCH

No	Description
1.	ISO 9001:2008 (QMS) training conducted by DAS at Riphah International University, Islamabad, Pakistan, March 2012
2.	Laser Safety Training Conducted by The University of Edinburgh, UK, Jan 2007
3.	Erice Summer School on High-pressure crystallography, Erice, Italy, June 2009
4.	Summer school on Application of Synchrotron techniques. Oxford, August 2008.
5.	Academic Paper Writng. Organized by eastchem. St Andrews, UK, July 2007
6.	11th BCA-CCG Intensive Course on X-ray Structural Analysis, Durham, UK, March 2007. Organized by the British Crystallographic Association
7.	Science Communication in Action and Presentations Skills. Organized by the University of Edinburgh.
8.	Participated in Summer Science Exhibition 2007, The Big Squeeze. Organized by The Royal Society, UK

EXPERIENCE

TOTAL EXPERIENCE = 17 years
POST PHD = 09 years 11
PRE PHD = 08 years

No	Organization	Position	Time Duration	Total Experience Years/Months/Days
Post PhD Experience (9 years)				
1	University College of Pharmacy, University of the Punjab, Lahore	Assistant Professor (TTS) (Pharmaceutics)	20/12/2013- till now	05/06/00
2	Riphah Institute of Pharmaceutical Sciences, Riphah International University, Islamabad	Assistant Professor (Pharmaceutics) (Head of Pharmaceutics Department)	28/06/2010 to 19/12/2013	03/06/00
Pre PhD Experience (8 years)				
3	University of the Edinburgh, UK	Research	01/09/2006- 31/05/2010	03/09/00
4	University of Strathclyde	Research	01/09/2005 to 31/03/2006	00/07/00
5	Astra Zenica/ University of Strathclyde	Research	01/04/2006 to 31/08/2006	00/05/00
7	Medika Chemist	Pharmacist In charge	01/09/2004 to 31/08/2005	01/00/00
8	Amson Vaccine and Pharma, Islamabad	Officer (Production)	17/03/2004- 31/08/2004	00/04/21
9	Wilson's Pharmaceuticals, Islamabad	Assistant Manager (Production)	11/06/2002- 09/04/2004	01/09/28
Total Experience				16/07/00

ALLIED JOB EXPERIENCES

- *Demonstrator, University of Edinburgh. As a part of research group I have taken many tutorials for undergraduate students in my research area. I had supervised undergraduate project for Ms Students. Jan 2007 to May 2010.*
- *Trainee Research Associate at AstraZenica, Macclesfield, UK May 2006 to August 2010*
- *Internee at Pakistan Institute of Medical Sciences (PIMS), Islamabad, Pakistan from July 2000 to Aug 2000*

RESEARCH INTERESTS

- Pharmaceutical Technology and drug development including Pre-formulation studies and formulation design
- Crystal engineering techniques (Co-crystallization and Polymorphism in Pharmaceutical Compounds)
- Solubility enhancement of BCS class II and Class IV drugs
- 3 D printing: A way forward to personalized dosage form
- 3 D Printing of Hernial meshes
- Preformulation studies of Pharmaceuticals Compounds
- Micronization (Effect of milling on physicochemical properties of drus)
- Fabrication of milling cell for in-situ pressure and temperature measurement
- Nanospongies formulation
- Enhancement of bioavailability of pharmaceuticals
- PXRD, XRD, DSC and Raman Spectroscopy

RESEARCH PROJECT AWARDED

NATIONAL AND INTERNATIONAL GRANTS AWARDED

No	Type	Title	Organization	Amount	Dates/ Duration/st atus	
RESEARCH GRANTS						
1.	NRPU/ Peer Reviewed	Exploring Polymorphism and its effects on the physicochemical properties of drug and its dosage form	Higher Education Commission of Pakistan	1.6 Million PKR	2018/ 3 Years/ In progress	PI
2.	NRPU/ Peer Reviewed	Effect of Cocrystallization on the properties of drug and its dosage form	Higher Education Commission of Pakistan	4.0 Million PKR	2015/ 3years/ Completed	PI
3.	NRPU/ Peer Reviewed	Addressing the challenge of poor solubility of BCS class II drugs using some novel approaches	Higher Education Commission of Pakistan	2.4 Million PKR	2018/ 3 Years/ In progress	Co-PI
4.	Indigenous Research award	Effect of Cocrystallization on the properties of drugs in order to enhance their bioavailability	Punjab University	150,000 PKR	2015/ 1 year/ completed	PI
5.	Indigenous Research award	Effect of Polymorphism on the solubility and dissolution of BCS class II drugs	Punjab University	150,000 PKR	2016/ 1 year/ completed	PI
6.	Indigenous Research award	Exploring polymorphism in pharmaceuticals	Punjab University	150,000 PKR	2017/ 1 year/ in progress	PI

7.	GSK Research award	Polymorphism in pharmaceutical compounds using high-pressure techniques	GlaxoSmithKline	£ 3700	2006/3years/completed	N/A
8.	EastChem Studentship	Exploring polymorphism in pharmaceutical compounds using high-pressure technique	University of Edinburgh, UK	£ 16000	2007/ 2 years/completed	N/A
9.	Research Scholarship	Partial support for PhD studies abroad	Higher Education Commission of Pakistan	12,432 \$	Dec 2009	Pi I
TRAVEL & OTHER GRANTS						
10.	Travel	To attend CRS annual meeting, Valencia, Spain	Punjab University/ Higher Education Commission of Pakistan		2019	PI
11.	Travel	To attend FIP World Congress, Glasgow, UK	Higher Education Commission of Pakistan		2018	PI
12.	Travel	To attend 9 th International Pharm Sci Conference, APS @ FIP Glasgow, UK	Punjab University		2018	PI
13.	Travel	To attend European Medical and Clinical Congress (EMCC 2017), Stockholm, Sweden	Higher Education Commission of Pakistan		2017	PI
14.	Travel	To attend 8 th International Pharm Sci Conference, Hatfield 2017, UK	Punjab University		2017	PI
15.	Travel	To attend 7 th Pharm Sci Conference Glasgow UK,	Punjab University		2016	PI
16.	Travel	To attend 6 th Pharm Sci Conference Nottingham UK,	Punjab University		2015	PI
17.	Travel	To attend British Crystallographic Association Spring Meeting, Loughborough, UK	BCA		2009	PI
18.	Publication	Grant was awarded to pay research publication charges	Punjab University		2016	PI

RESEARCH SUPERVISION

PhD. Supervised **Total Number:** 02 as 1st Supervisor
 Ph.D. Students currently under supervision: **Total Number:** 07 as 1st and 2nd Supervisor
 M.Phil./MS Thesis Supervised: **Total Number:** 48
 M.Phil./MS Thesis under Supervision: **Total Number:** 03

RESEARCH SUPERVISION (MPhil)

M.Phil./MS Thesis Supervised: **Total Number:** 55

Sr.No.	Student's Name	Thesis Title	Year	Ownership
1.	Fareeha Nosheen	Design, evaluation and stability optimization of Ibuprofen nano emulsion for topical use	2019	Ist Supervisor
2.	Wajeeha Ishtiyag	Design, characterization, analytical method validation and stability studies of Racecadotril 100 mg capsules	2019	Ist Supervisor

3.	Asma Shah Rukh	Formulation and evaluation of β Cyclodextrin based nanospongies of Mefenamic Acid	2019	Ist supervisor
4.	Iqra Saeed	Development and evaluation of sustained release preparation of diclofenac sodium and mefenamic acid applying fused deposition modelling technique	2018	Ist supervisor
5.	Nida Saeed	Development and evaluation of sustained Release preparation of ciprofloxacin and cefixime applying fused deposition modelling technique	2018	Ist supervisor
6.	Rabia Mehmood	Formulation and evaluation of Piroxicam loaded nanospongies for topical delivery	2017	Ist supervisor
7.	Komal Sarwar	Formulation and evaluation of indomethacin loaded nanospongies for oral delivery	2017	Ist supervisor
8.	Rashida Sarwar	Effect of temperature and pressure on pharmaceutical properties during milling of ibuprofen	2017	Ist supervisor
9.	Hira Khurshid	Effect of temperature and pressure on pharmaceutical properties during milling of mefenamic acid	2017	Ist supervisor
10.	Eesha Tariq Bhatti	Effect of polymorphism of indomethacin on its solid dispersion by quinch cool method	2017	Ist supervisor
11.	Aroj Rasool	Effect of polymorphism of piroxicam on its release from tablet	2016	Ist supervisor
12.	Jaweiria Arshad	Preparation and characterization of solid dispersion of naproxen prepared by different techniques	2016	Ist supervisor
13.	Mahreen Aftab	Preparation and characterization of solid dispersion of Ibuprofen prepared by different techniques	2016	Ist supervisor
14.	Ahmad kamal Moosa	Preparation and evaluation of double layer tablet of Trimetazidine and Diltiazem with defferential release	2016	Ist supervisor
15.	Javairia Masood	Study of methods for modification of flow properties of cohesive pharmaceutical powders	2016	Ist supervisor
16.	Tahira Noreen	Effect of Polymorphism of mefenamic acid on characteristics of its tablet dosage form	2015	Ist supervisor
17.	Farwa Farhat	Cost benefit Analysis of generic and branded drugs system for anti-microbial in selected public and private sector hospitals	2015	Ist supervisor
18.	Nadia Qamar	Comparison of effectiveness of branded and generic iron supplements in anemic pregnant women	2015	Ist supervisor
19.	Fawad Ali	Horizontal Transfer of Plasmid Mediated Carbapenem Resistant Genes from Klebsiella pneumoniae to Escherichia coli	2014	Ist Supervisor
20.	Sarah Zahid	Preparation of Cocrystals of Paracetamol with Saccharin for obtaining improved dissolution profile	2014	2nd supervisor
21.	Sana Tayyab	Moxifloxacin-metronidazole co-administration to inhibit Pgp efflux and enhanced oral bioavailability	2019	2 nd Supervisor
22.	Javeria Khalid	Study of mechano-chemical methods for improvement of solubility and dissolution rate of a BCS class II drug	2019	2 nd Supervisor

23.	Sidra Noreen	Development and evaluation of co-milling base solid dispersion for improvement of solubility and dissolution rate of a poorly soluble drug	2019	2 nd Supervisor
24.	Komal Yunas	Solid dispersion of lornoxicam for the improvement of its solubility and dissolution profile	2018	2 nd Supervisor
25.	Kubra Akhtar	Pharmacokinetic evaluation of optimized piroxicam hydrogel nanosponges	2018	2 nd Supervisor
26.	Maryam Farrukh	Preparation and characterization of solid dispersion for the improvement of solubility and dissolution rate of piroxicam	2018	2 nd Supervisor
27.	Uzma Zafar	Design and evaluation of riboflavin microsphere-A factor study	2018	2 nd Supervisor
28.	Sarah Zia	Evaluation of Flaxseed (Ulsi) mucilage as a Pharmaceutical excipient	2017	2 nd Supervisor
29.	Ghazi Mustansar Riaz	Possibility of using chem-quivalence as an alternative to bioequivalence using selected drugs with narrow therapeutic index	2017	2 nd Supervisor
30.	Noman Asif	Bio equivalence of selected drugs with narrow therapeutic index. Can chemical equivalence be an alternative?	2017	2 nd Supervisor
31.	Sameen Khan	Study of stability chloramphenicol in water based eye drops using CMC sodium, PEG-400 and PEG-4000	2017	2 nd Supervisor
32.	Sadia Latif	Formulation and evaluation of Hydroxy-Propyl cellulose (HPC) based Orally Disintegrating Films (ODFs) of Promethazine HCl	2017	2 nd Supervisor
33.	Anum Fatima Suhail	Preparation and evaluation of solid dispersion of indomethacin for the improvement of solubility and dissolution rate	2017	2 nd Supervisor
34.	Madiha Imtiaz	Formulation and Evaluation of Hydroxypropyl cellulose (HPC) based Microcapsules of Theophylline	2017	2 nd Supervisor
35.	Azka Rehman	Formulation and evaluation of mucoadhesive buccal films of Flurbiprofen	2017	2 nd Supervisor
36.	Sonia Ashfaq Gondal	Microencapsulation: A taste and odor masking approach for garlic (AlliumSativum) powder.	2017	2 nd Supervisor
37.	Anam Azeem Shah	Study of Co-milling: a technique for the improvement of solubility and disloution rate of a poorly soluble drug from BCS class II.	2017	2 nd Supervisor
38.	Amna Niaz	Preparation of paracetamol Co-crystals and their evaluation	2017	2 nd Supervisor
39.	Afsheen Sharif	Development and Evaluation of nanospongies loaded with azithromycin for oral delivery	2017	2 nd Supervisor
40.	Ubaid Ullah Anwar	Study of the effect of tablet excipient modification using lyophilization	2016	2 nd Supervisor
41.	Farah Qureshi	Study of Okra gum in comparison with starch paste as a binder in naproxen sodium tablets	2016	2 nd Supervisor
42.	Malia Pervez	Taste masking of sodium benzoate using ethylcellulose based optimized microsphere	2016	2 nd Supervisor
43.	Sana Ijaz	Study of the effect of modified starch as tablet excipient using lyophilization	2016	2 nd Supervisor
44.	Amna Hafeez	Formulation of ethylcellulose based sodium benzoate coacervates by non-solvent addition method using central composite design	2016	2 nd Supervisor
45.	Maham Misbah	Preparation and in vitro evaluation of orally disintegrating modified relkease tablets of naproxen sodium	2016	2 nd Supervisor

46.	Riffat khan	Modification of starch as tablet excipient using freeze drying	2016	2 nd Supervisor
47.	Mehmood Ahmad	Study of exhaled carbon monoxide levels and its effect on health of the susceptible population	2016	2 nd Supervisor
48.	Memoona Rashid	In Silico prediction of pharmacokinetic of drugs having simple and complex pharmacokinetics	2015	2 nd Supervisor
49.	Zunira Anjum	Micellar solubilization of mefenamic acid using Soluplus, a newly developed surfactant	2015	2 nd Supervisor
50.	Nigarish Ehsan	Micellar solubilization of Ibuprofen using Soluplus, a newly developed surfactant	2015	2 nd Supervisor
51.	Ayesha Khadija	Formulation of a novel drug delivery system suitable for trans-lips delivery of estradiol valerate	2015	2 nd Supervisor
52.	Maham Shafiq	Study of potential trans-lips delivery system of estradiol valerate as a novel dosage form	2015	2 nd Supervisor
53.	Bakhtawar Shaukat	Cost benefit analysis of generic and branded drug prescription system for analgesics in private and public sector hospitals	2015	2 nd Supervisor

M.Sc./B.Sc. (Hons. 4 years) Thesis Supervised:

Total Number: ___04_____

Sr.No.	Student's Name	Thesis Title	Year
1.	Julie Baigrie	Co-crystallization of Parabanic acid with Di methyl Urea as Co-former	2009
2.	Ayesha Javed	Preparation of Ibuprofen suspension for pediatrics	2016
3.	Khaula Taj	Rice based ORS formulation	2016
4.	Nazeela Fatima	Skin whitening, anti-aging and de-melanizing cream	2016
5.	Fatima Bushra	Effervescent tablets of paracetamol	2016

RESEARCH PUBLICATIONS

- Nasir Abbas^{a*}**, Nadia Qamar^a, Muhammad Irfan^b, Amjad Hussain^a, Muhammad Sohail Arshad^c, Sumera Latif^a, Faisal Mehmood^a, Muhammad Usman Ghori^d. Personalized 3D Printed Ciprofloxacin Impregnated Meshes for the Management of Hernia. *Journal of Drug Delivery Science and Technology*. 2019; 53. Published online <https://doi.org/10.1016/j.jddst.2019.101164> (IF 2.606)
- Abbas N**, Parveen K, Hussain A, Latif S, uz Zaman S, Shah PA, Ahsan M. Nanosponge-based hydrogel preparation of fluconazole for improved topical delivery. *Tropical Journal of Pharmaceutical Research*. 2019;18(2):215-22. (IF 0.54)
- Batool S, **Abbas N**, Mudassir J, Hussain A, Arshad MS. Gastroretentive Clarithromycin Loaded Sodium Alginate Microbeads: Effect of Needle Size and Drying Processes on the Swelling and Release Profile. *Latin American Journal of Pharmacy*. 2019 Jan 1;38(2):271-80. (IF 0.401)
- Nasir Abbas^{1*}**, Muhammad Ahsan^{†1}, Pervaiz Akhtar Shah¹, Kousar Parveen², Shaiquz Zaman², Sumera Latif¹, Amjad Hussain¹, Nanosponge based hydrogel preparation of fluconazole for improved topical delivery, *Tropical Journal of Pharmaceutical Research*, 18 (2): 215-222, 2019. (IF 0.51)
- Rahat Shamim, Sana Shafique, Umamah Kanwal, Khalid Hussain, Noman Asif, Sana Ijaz, **Nasir Abbas** & Nadeem I. Bukari. Surfactant-Assisted Wet Granulation: A Simpler Approach to Improve Solubility and Sustain Ketoprofen Release. *Latin American Journal of Pharmacy*. 38 (2), (2019). (IF 0.401)
- Muhammad Sohail Arshad, Sana Hassan, Amjad Hussain, **Nasir Abbas**, Israfil Kucuk, Kazem Nazari, Radeyah Ali, Suleman Ramzan, Ali Alqahtani, Eleftherios G. Andriotis, Dimitris G. Fatouros, Ming-Wei Chang, Zeeshan Ahmed. Improved Transdermal Delivery of Cetirizine Hydrochloride Using Polymeric Microneedles. *DARU Journal of Pharmaceutical Sciences*. (IF 2.667)
- Muhammad Sohail Arshad¹, Kabindra Sedhain¹, Amjad Hussain^{2*}, **Nasir Abbas²**, Jahanzeb Mudassir¹, ²Faisal Mehmood,, Quantification of Carbon Dioxide Released from Effervescent Granules as a predictor

- of Formulation Quality Using Modified Chittick Apparatus, *Tropical Journal of Pharmaceutical Research*, 18 (3): 449-458. (2019) **(IF 0.54)**
8. Atiq-ur-Rehman^{1,2*}, Abida Latif¹, **Nasir Abbas¹**, Imran Waheed³, Atta-ur-Rehman⁴, Muhammad Naeem Qaisar⁵ α -Glucosidase Inhibitory and Antioxidant Activities of Various Extracts of Aerial Parts of *Fagonia indica* Burm. F. *Tropical Journal of Pharmaceutical Research*, April 2019; 18 (4): 791-797. **(IF 0.54)**
 9. Ummarah Kanwal^{1,2}, Nadeem Irfan Bukhari^{1*}, Nosheen Fatima³, Mahreen Rehman², Khalid Hussain¹, **Nasir Abbas¹**, Muhammad Arshad², Abida Raza^{2*}, "Doxorubicin loaded Quaternary Ammonium Palmitoyl Glycol Chitosan polymeric nano-formulation: Uptake by cells and organs", *International Journal of Nanomedicine*. 14, 1-15. (2018) **(IF 4.383)**
 10. Amjad Hussain, Maryam Farrukh, **Nasir Abbas**, Muhammad Irfan, Muhammad Sohail Arshad, Nadeem Irfan Bukhari. Effect of low melting hydrophilic carriers on the solubility and dissolution rate of Piroxicam using solid dispersion technique. *Pakistan Journal of Pharmaceutical Sciences*. 75 (5), 2257-2260, 2019. **(IF 0.596)**
 11. Faisal Mehmood^a, Amjad Hussain^a, Muhammad Sohail Arshad^c, **Nasir Abbas^{a*}**, Muhammad Irfan^b, Fahad Hussain^a, Muhammad Usman Ghori^d, Effect of Solubilising Aids on The Entrapment of Loratidine in Pre-Fabricated PVA Filaments Used for FDM Based 3D-Printing, *Acta Poloniae Pharmaceutica- Drug Research*, Accepted, 2019 **(IF 0.541)**
 12. Atiq-ur-Rehman^{1,2*}, Abida Latif^{1*}, Rukhsana Anwar¹, **Nasir Abbas¹**, Sajid Nawaz², Hamid Turab Mirza³, Postprandial Anti-diabetic Effects of Various Fractions of *Fagonia indica* Burm.f. by In Vitro and In Vivo Studies, *Pakistan Journal of Zoology*, 2019 Feb 1;51(1):333-40. **(IF 0.547)**
 13. Amjad Hussain, Maham Misbah, Nasir Abbas, Muhammad Irfan, Muhammad Sohail Arshad, Rahat Shamim, Nadeem Irfan Bukhari, Faisal Mahmood. Design and in-vitro characterization of orally disintegrating modified release tablets of naproxen sodium. *Turkish Journal of Pharmaceutical sciences*. Ahead of print TJPS-24445DOI:10.4274/tjps.24445, 2019. **(ISI Indexed)**
 14. **Nasir Abbas¹**, Muhammad Irfan^{2,3*}, Ameer Fawad Zahoor⁴, Ikram Ullah Khan³, Haroon Khalid Syed³, Amjad Hussain¹, Mohammad Sohail Arshad⁵, Furqan Muhammad Iqbal⁵, Polymer blend: a new approach for eliminating curing effect of aqueous dispersion coatings. *Brazilian Journal of Pharmaceutical Sciences*. Accepted. **(IF 0.483)**
 15. Arshad, Muhammad Sohail, Chaudhary, Kiran, Jahanzeb, Farhan, Muhammad, **Abbas, Nasir**, Hussain, Amjad, Formulation, Optimization, in vitro and in-vivo evaluation of levofloxacin hemihydrate Floating Tablets, *Brazilian Journal of Pharmaceutical Sciences*. (2019) Accepted, **(IF 0.483)**
 16. Sumera Latif*, Nasir Abbas, Amjad Hussain, Hafsa Afzal. Taste Masking of Levofloxacin by Microparticulate System Using Emulsion Solvent, *Asian journal of pharmaceutical Sciences*, Accepted. **(IF 0.78)**.
 17. Muhammad Hafeez, Zikria Saleem, Nadeem Irfan Bukhari, **Nasir Abbas**, Amjad Hussain, Use of off-label and unlicensed drugs in pediatric patients: A longitudinal prevalence survey from Lahore, Pakistan, *Tropical Journal of Pharmaceutical Research*, Accepted. (2019) **(IF 0.441)**
 18. Anna Hafeez, Ummarah Kanwal, Rahat Shamim, Fatima Rasool, Malia Pervaiz, Aatqa Rauf, Imran Tariq, Nasir Abbas, Khalid Hussain & Nadeem I. Bukhari. Pediatric Oral Suspension of Taste-Masked Sodium Benzoate Microspheres: Central Composite Design Based Optimization, *Latin American Journal of Pharmacy*. Accepted. (2019), **(IF 0.401)**
 19. Nadeem Irfan Bukhari, Sumbal Nosheen; Hasan Ejaz, Nasir Abbas: Antibiogram and recent incidence of multi-drug resistant carbapenemase producing *Escherichia coli* isolated from paediatric patient, *Pakistan Journal of Medical Sciences*. Accepted (2019). **(IF 0.719)**
 20. Muhammad Sohail Arshad, Sana Hassan, Amjad Hussain, **Nasir Abbas**, Israfil Kucuk, Kazem Nazari, Radeyah Ali, Suleman Ramzan, Ali Alqahtani, Eleftherios G. Preparation and characterization of indomethacin loaded films by piezoelectric inkjet Printing: A personalized medication approach. *Pharmaceutical Development and Technology*. printed online. (2019). **(IF 1.945)**
 21. Wajeaha Ishtiyag, Arslan Tariq, **Nasir Abbas**, Muhammad Zia Ud Din, Kanwal Ashiq, Mayyda Bajwa, Samreen Tanveer, Mehwish Qayyum, Farah Abid, Saleha Yasir, Afshan Arshad, Sana Ashiq*, A comprehensive review on racecadotril drug. *International Journal of Biosciences*, Vol. 15, No. 2, p. 405-413, 2019, (2019). ISI Indexed Journal
 22. **Nasir Abbas**, Sumera Latif*, Hafsa Afzal, Muhammad Sohail Arshad, Amjad Hussain, Saleha Sadeeqa, Nadeem Irfan Bukhari, "Simultaneously improving mechanical, formulation and in-vivo performance of Naproxen by co-crystallization". *AAPS PharmSciTech*, (2018) DOI: 10.1208/s12249-018-1152-7. **(IF 2.666)**
 23. Sumera Latif, **Nasir Abbas***, Amjad Hussain, Muhammad Sohail Arshad, Nadeem Irfan Bukhari, Hafsa Afzal, Sualeha Riffat and Zeeshan Ahmad. Development of paracetamol-caffeine co-crystals to improve compressional, formulation and in vivo performance. *Drug development and industrial pharmacy*, 2018 VOL. 44, NO. 7, 1099–1108. **IP 2.295**

24. **Nasir Abbas^{1*}**, Komal Sarwar¹, Amjad Hussain¹, Muhammad Irfan², Rabia Mehmood¹, Muhammad Sohail Arshad³ and Pervaiz Akhtar Shah¹,” Formulation and evaluation of indomethacin loaded nanosponges for oral delivery, *Acta Poloniae Pharmaceutica and Drug Research*, Vol. 75 No. 5 (2018). pp. 1201-1213 (**IF 0.531**)
25. Qurat-ul-ain Shoaib, **N.Abbas^{*}**, Irfan, M., Hussain, A., Arshad, M.S., Hussain, S.Z., Latif, S. and Irfan, N., Development and evaluation of scaffold-based nanosponge formulation for controlled drug delivery of naproxen and ibuprofen. *Tropical Journal of Pharmaceutical Research*, 17(8), pp.1465-1474. (2018) (**IF 0.54**)
26. **Abbas N**, Ijaz QA, Arshad MS, Hussain A, Zaman S-u, Javaid Z. Synthesis and evaluation of pH dependent polyethylene glycol-co-acrylic acid hydrogels for controlled release of venlafaxine HCl. *Journal of Drug Delivery Science and Technology*. 43, 221-232. 2018 Feb 01. (**IF 2.297**)
27. Qadir, Muhammad, Muhammad Irfan, **Nasir Abbas**, Ameer F. Zahoor, Haroon K. Syed, Ikram Khan, Amjad Hussain, Mohammad S. Arshad, and Noor A. Mohsin. "How to Eliminate Curing Effect and Improve Storage Stability of Eudragit (R) NE 30D Coatings." *Latin American Journal of Pharmacy* 37, no. 6 (2018): 1203-1210. (**IF 0.401**)
28. Amjad Hussain, Sadia Latif, **Nasir Abbas**, Muhammad Irfan, Muhammad Sohail Arshad, Nadeem Irfan Bukhari “Hydroxypropyl cellulose-based orally disintegrating films of promethazine HCl for the treatment of motion sickness.” *Tropical Journal of Pharmaceutical Research*. 17(6) (2018): 991-996. (**IF 0.54**)
29. Rauf, Aatqa, Ummarah Kanwal, Nadeem I. Bukhari, **Nasir Abbas**, Inamul Haq, Shahiq Uz Zaman, and Muhammad M. Ansari. "Development and Characterization of Taste Masked Ampicillin Microspheres for Pediatric Oral Use." *Latin American Journal of Pharmacy* 37, no. 2 (2018): 321-329. (**IF 0.401**)
30. Hamid Saeed, Zikria Saleem, Mariam Ashraf, Nida Razzaq, Kubra Akhtar. Ammarah Maryam, **Nasir Abbas**, Ali Akhtar, Nazeeha Fatima, Kalsoom Khan, Fawad Rasool. Determinants of Anxiety and Depression among University Students of Lahore. *Int J Ment Health Addiction*. Dec 2017 (**IF 1.192**)
31. **Abbas, Nasir**, Amjad Hussain, Muhuammad Ahsan Hafiz, and Kausar Perveen. "Formulation and evaluation of fluconazole loaded nanosponges for improved topical drug delivery." *British Journal of Pharmacy* 2, no. 2 (2017): 41-42.
32. **Abbas, Nasir**, Qazi Amir Ijaz, Amjad Hussain, and Nadeem Irfan Bukhari. "Synthesis and evaluation of pH dependent hydrogels." *British Journal of Pharmacy* 2, no. 2 (2017): 43-44.
33. **Abbas, N.**, Arshad, M. S., Hussain, A., Irfan, M., Ahsan, M., Rasool, M. F., & ur Rehman, M. H. (2017). Development and validation of a spectroscopic method for the simultaneous analysis of miconazole nitrate and hydrocortisone acetate in pharmaceutical dosage form. *Tropical Journal of Pharmaceutical Research*, 16(2), 413-420. **IF 0.54**
34. Gondal SA, **Abbas N**, Hussain A. Microencapsulation: A taste and odour masking approach for garlic (*Allium sativum*) powder. *British Journal of Pharmacy*. 2017 Aug 7;2(2):19-20.
35. **Abbas N**, Oswald I D, Pulham CR. Accessing Mefenamic Acid Form II through High-Pressure Recrystallisation. *Pharmaceutics*. 2017 May 16;9(2):16. **IF 4.773**
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53. **N. Abbas**, C. R. Pulham, Crystallography in Pharmaceuticals, International School of Crystallography, Erice, Italy 2009, Vol 2. 637
54. Colin R Pulham, Iain D H Oswald, **Nasir Abbas**, Francesca P A Fabbiani, Alistair R Lennie, John E Warren, High-pressure studies of pharmaceutical compounds, *Acta Crystallographica Section A*, (2008), 64(a1):c52-c52 doi: 10.1107/s0108767308098322. IF 7.93
55. **Nasir Abbas**, Iain D. H. Oswald, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring polymorphism and solvate formation in pharmaceuticals using high pressure techniques. *Acta Crystallographica Section A*, April 2007. IF 7.93
56. **Nasir Abbas**¹, Qurat-ul-ain shoaib^{1*}, Muhammad Irfan², Sumera Latif³, Muhammad Sohail Arshad⁴, Amjad Hussain¹, Syed Zajif Hussain⁵ and Nadeem Irfan Bukhari¹. Fabrication and characterization of cyclodextrin based carbonate nanosponges of Naproxen and Ibuprofen for improved delivery. *Journal of Drug Delivery Science and Technology*. Under Review (2019)
57. **Nasir Abbas**^{1*}, Rabia Mehmood^{1*}, Komal Sarwar¹, Amjad Hussain¹, Muhammad Sohail Arshad², Pervaiz Akhtar Shah¹, Hamid Saeed¹, Nadeem Irfan Bukhari¹, preparation and characterization of piroxicam loaded nanosponge based gel formulation. *Acta Pharmaceutica*, Under review
58. Amjad Hussain, Faisal Mehmood, **Nasir Abbas**, Sohail Arshad, Nadia Qamar, Drug loading and characterization of dissolvable PVA filament for 3D printing of loratadine, *3 D printing and additive manufacturing*, Submitted (May 2019)
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60. **Nasir Abbas***, Iain Oswald, Colin R Pulham, Polymorph screening of dimethyl urea (DMU) by a combined ambient and high pressure approach coupled with crystal structure prediction calculations. *CrystEngComm*, Under Review (2019)
61. Rabia Ashfaq¹, Sajid Asghar¹, Muhammad Irfan^{1,*}, Haroon Khalid Syed¹, Ikram Ullah Khan¹, Akhtar Rasul¹, **Nasir Abbas**², Nanoscale Formulations for Oral Delivery of Therapeutic Peptide/Protein Drugs: Recent Trends, *Asian journal of pharmaceutical Sciences*, Under Review
62. Muhammad Sohail Arshad^a, **Nasir Abbas**^b, Amjad Hussain^b, Sadia Jafar Rana^a, Jahanzeb Mudassir^{a*}, Muhammad Irfan^c, Qazi Amir Ijaz^d, Muhammad Sohail^b, Sumera Latif^b, Quality by Design as Systematic Approach for the Development of Oral Disintegrating Tablets, *Current Drug Delivery*, Under Review

63. Amjad Hussain, Maham Misbah, Nasir Abbas, Muhammad Irfan, Muhammad Sohail Arshad, Rahat Shamim, Nadeem Irfan Bukhari, Faisal Mahmood, Design and in-vitro characterization of orally disintegrating modified release tablets of naproxen sodium, *Turkish Journal of Pharmaceutical science*, Under Review 2019

PAPER PRESENTATION/TALKS (NATIONAL AND INTERNATIONAL CONFERENCES)

Nasir Abbas, Crystal Engineering: An Approach to Improve Pharmacotechnical Properties of Pharmaceutical Compounds, 2nd International Pharmaceutics Conference (IPC), Bahaudin Zakiria University, Multan, Pakistan, Feb, 2019.

Nasir Abbas, Development of paracetamol-caffeine co-crystals to improve formulation properties and in vivo performance, 1st International Pharmaceutics Conference (IPC), Bahaudin Zakiria University, Multan, Pakistan, 2018.

Nasir Abbas, Search of elusive/ disappearing polymorphism in pharmaceutical compounds by high-pressure techniques. National Conference on recent innovation in pharmaceutical sciences NICRPS, Islamabad, Feb 2016

Nasir Abbas, Co-crystallization; an approach to improve dissolution and compaction properties of pharmaceutical compounds, Riphah 2nd International conference on recent innovations in pharmaceutical sciences Margala Hotel, Islamabad, Pakistan, March, 2016

Nasir Abbas, Polymorphism in Pharmaceutical compounds, Co-crystallization of pharmaceutical compounds, 19th International Pharmacy Conference and Exhibition, Lahore, 2016

Nasir Abbas, Bio equivalence of narrow therapeutic drugs. 19th International Pharmacy Conference and Exhibition, 2016

Nasir Abbas, Co-crystals of paracetamol with Caffeine, National Conference on recent innovations in Pharmaceutical Sciences) Islamabad, 2016

Nasir Abbas, Polymorphism in Pharmaceutical compounds, 1st International Conference on recent innovations in Pharmaceutical Sciences) Islamabad, 2015

Nasir Abbas, Colin R. Pulham and Clare Anderton. Exploring polymorphism in pharmaceuticals using high-pressure techniques. GlaxoSmithKline, Stevenage UK, March 2008.

Nasir Abbas, Colin R. Pulham and Clare Anderton. Exploring polymorphism in pharmaceuticals using high-pressure techniques. GlaxoSmithKline, Stevenage, UK, October, 2009.

Nasir Abbas, Colin R. Pulham, Clare Anderton, Graeme Day, Alistair Lennie, Timothy J. Prior and Annette Kleppe. Exploring polymorphism and solvate formation using high pressure. Edinburgh University Postgraduate Meeting, Firth, Scotland, March 2009.

POSTER PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES

Nasir Abbas*¹, Qurat-ul-Ain Shoaib, Development Of Carbonate Nanosponges: A Way To Improve In-vitro And In-vivo Performance Of Naproxen, Controlled Release Society Annual Meeting & Exposition, 2019, Valencia Spain.

Nida Habib¹, Nasir Abbas^{1*}, Effect of different disintegrant and their concentrations on the properties of paracetamol tablets, 2nd International Pharmaceutics Conference (IPC), Bahaudin Zakiria University, Lahore Chapter, Pakistan, Feb, 2019.

Nasir Abbas*¹, Sumera Latif¹, Amjad Hussain¹, Nadeem Irfan Bukhari¹, Improvement of formulation, in-vitro and in-vivo performance of naproxen by co-crystallization, 78th FIP World Congress of Pharmacy and Pharmaceutical Sciences" Glasgow, UK, September 2018.

Nasir Abbas^{a*}, Sumera Latif^b, Amjad Hussain^a, Nadeem Irfan Bukhari^a, Improvement of compressional, formulation and in-vitro performance of Naproxen by co-crystallization, Proceedings of the APS@FIP Conference, Glasgow, UK 2018

Noman Asif^{*1}, Ghazi Mustansar¹, Nasir Abbas, Amjad Hussain¹, Pervaiz Shah, Khalid Hussain, Nadeem Irfan Bukhari¹, In-vitro chemical equivalence: A possible alternative to chemical equivalence, International Pharmaceutics Conference (IPC), Bahaudin Zakiria University, Multan, Pakistan, 2018.

Sumera Latif¹, Nasir Abbas^{*1}, Amjad Hussain¹, Muhammad Sohail arshad¹, Development of paracetamol-caffiene co-crystals to improve formulation properties and in vivo performance, International Pharmaceutics Conference (IPC), Bahaudin Zakiria University, Multan, Pakistan, 2018.

Gondal SA, Abbas N, Hussain A. Microencapsulation: A taste and odour masking approach for garlic (*Allium sativum*) powder. 8th APS International PharmSci 2017 conference at University of Hertfordshire, UK. Sep 2017

Nasir Abbas^{1*}, Amjad Hussain¹, Sumera Latif², Co-crystallization; An approach to improve dissolution and compaction properties of Paracetamol, European Medical and Clinical Congress, Stockholm, Sweden, August 2017

Nasir Abbas^{*}, Qazi Amir Ijaz, Amjad Hussain, Nadeem Irfan Bukhari. Synthesis and evaluation of pH dependent hydrogels for controlled release of Venlafaxine HCl, 8th APS International PharmSci 2017 conference at University of Hertfordshire, UK. Sep 2017

Nasir Abbas^{*}, Amjad Hussain, Muhuammad Ahsan Hafiz, Kausar Perveen, Formulation and evaluation of fluconazole loaded nanosponges for improved topical drug delivery, 8th APS International PharmSci 2017 conference at University of Hertfordshire, UK. Sep 2017

Nasir Abbas^{*}, Amjad Hussain, Sohail Arshad, Tahira, Search of elusive/ disappearing polymorphism in pharmaceutical compounds by high-pressure techniques. National Conference on recent innovation in pharmaceutical sciences NICRPS, Islamabad, Feb 2016

Nasir Abbas^{*}, High Pressure Technique: A new dimension towards polymorph screening of Mefenamic Acid, 6th Pharm Sci Conference Nottingham UK, September 2015

Hussain, A., Anjum, Z., Ehsan, N., Bukhari, N.I., Abbas, N., Micellar solubilization of poorly soluble drugs using a new surfactant-Soluplus presented at 1st International conference on recent innovations in Pharmaceutical sciences Margala Hotel, Islamabad, Pakistan, 3- 5 March, 2015

Nasir Abbas, Iain D. H. Oswald, Colin R. Pulham, Clare Anderton, Alistair Lennie, and Timothy J. Prior. Exploring polymorphism and solvate formation of urea using high pressure. British Crystallographic Association Spring Meeting. Canterbury, UK, April 2007.

Nasir Abbas, Iain D. H. Oswald, Graeme Day, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring polymorphism of N,N'-dimethylurea using high pressure techniques. CPOSS open day, University College London, UK, March 2009.

Nasir Abbas, Iain D. H. Oswald, Graeme Day, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring polymorphism and solvate formation in N,N'-dimethylurea using high pressure techniques. British Crystallographic Association Spring Meeting, Loughborough, UK, April 2009.

Nasir Abbas, Iain D. H. Oswald, Graeme Day, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring Polymorphism using High Pressure (a case study of N,N'-dimethylurea). Erice Summer School on High-pressure crystallography, Erice, Italy, June 2009.

Nasir Abbas, Iain D. H. Oswald, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring polymorphism and solvate formation in pharmaceuticals using high pressure techniques. British Crystallographic Association Spring Meeting. York, UK, April 2008.

Nasir Abbas, Iain D. H. Oswald, Colin R. Pulham, Clare L. Anderton, Alistair Lennie, and John E Warren. Exploring polymorphism and solvate Formation in pharmaceuticals using high pressure. Erskine Williamson day. CSEC, Edinburgh, 2008.

EDITOR & REVIEWER

Editor: Pakistan Journal of Pharmacy

Reviewer

- *RSC Advances*
- *Journal of Pharmaceutical Research International*
- *Journal of Drug Development and Industrial Pharmacy*
- *Iranian Polymer Journal*
- *Asian Journal of Advances in Agricultural Research*
- *Pharmaceutics*

MANAGERIAL & ADVISORY SERVICES RENDERED

(Assignments at University and Departmental Level)

I am actively involved in the administrative and advisory services at national and international levels, some of the services are listed below

No	Description	Year
1.	Coordinator MPhil programme at University College of Pharmacy	2015, 2016, 2017, 2018
2.	Coordinator PhD programme at University College of Pharmacy	2014, 2015, 2016, 2017, 2018
3.	Member Doctoral Program Committee (DPC) of University College of Pharmacy, University of the Punjab	2014-2015
4.	Secretary Animal Ethics Committee of University College of Pharmacy, University of the Punjab	2016 to till date
5.	Secretary Human Research Review Board of University College of Pharmacy, University of the Punjab	2016 to till date
6.	Member Scholarship Committee at University College of Pharmacy, University of the Punjab	2016 to till date
7.	Chairman Admission Committee (Postgraduate & Undergraduate), University College of Pharmacy, University of the Punjab	2016 to till date
8.	Nominated as Expert for Affiliation Committee , University of the Punjab	2017
9.	Head of Pharmaceutics Department , Riphah Institute of Pharmaceutical Sciences, Riphah International University	2010 to 2013
10.	Superintendent Hazrat Khalid bin Walid Hall (Boys Hostel), University of the Punjab	2018
11.	Assistant Dean RARE (Riphah Academy of Research & Education), Riphah International University, Islamabad	2012, 2013
12.	Incharge of development, construction and renovation Committee of University College of Pharmacy	2016, 2017, 2018
13.	Member Board of Studies, Department of Pharmacy, Shifa Tameer-e-Millat University, Islamabad	2015, 2016, 2017, 2018
14.	Member Doctoral Program Committee (DPC) of University College of Pharmacy, University of the Punjab	2016, 2017, 2018
15.	Member Animal Ethics Committee of University College of Pharmacy, University of the Punjab	2014
16.	Member Course Preparation Committee for postgraduate diploma in Herbal/ Neutraceutical/ Homeopathic	2016
17.	Member Conference Committee to conduct/ arrange pre-conference on Food and Drug Safety	2016
18.	Member Scholarship Committee of University College of Pharmacy	2016, 2017, 2018
19.	Duties assigned in summer vacation 2016 at University College of Pharmacy	2016, 2017, 2018

20.	Member office committee to auction various unused apparatus/ equipment in store of University College of Pharmacy	2017
21.	Tour Incharge for Pharm D 2 nd Prof	2014, 2015, 2016
22.	Member of Committee to introduce Online Admission System at University College of Pharmacy	2016
23.	Member Ist Convocation Committee of University College of Pharmacy	2015
24.	Convener 3rd and 4th Convocation Committee of University College of Pharmacy	2017, 2018
25.	Member of Committee constituted to prepare documents regarding approval of MPhil Pharmacy (Pharmacy Practice) from Higher Education Commission of Pakistan	2016, 2017
26.	Member Board of Expert (Faculty Recruitment), Lahore Pharmacy College (LMDC), University of Health Sciences, Lahore	2014
27.	Member Price Evaluation Committee of University College of Pharmacy	2018
28.	Programme Team Member for Quality Enhancement Cell, Riphah International University	2011, 2012, 2013
29.	Member Disciplinary Committee of Riphah Institute of Pharmaceutical Sciences	2013
30.	Class Tutor for 2 nd Year Evening Pharm-D	2014, 2015, 2016, 2017, 2018
31.	Research and Ethics Review Committee , Riphah Institute of Pharmaceutical Sciences, Islamabad	2013
32.	Research Focal person of University College of Pharmacy	2014, 2015, 2016, 2017, 2018
33.	Member Audit Committee , University College of Pharmacy, University of the Punjab	2017
34.	Resident Inspector for Examinations (University of the Punjab)	2016, 2017, 2018
35.	Invited Speaker by Pfizer Pharmaceuticals for Pharmacist Education programme	2016, 2017
36.	Member Board of Expert (Faculty Recruitment), Riphah Institute of Pharmacy, Riphah International University, Islamabad	2010, 2011, 2012, 2013
37.	Liaison Officer to collaborate with University admission Committee	2016, 2017, 2018
38.	Member Alumni Association University College of Pharmacy	2015, 2016, 2017

MEMBER BOARD OF STUDIES AND SELECTION BOARD

39.	Member Board of Studies, Department of Pharmacy, Shifa Tameer-e-Millat University, Islamabad	2015, 2016, 2017, 2018
40.	Member Board of Expert (Faculty Recruitment), Riphah Institute of Pharmacy, Riphah International University, Islamabad	2010, 2011, 2012, 2013
41.	Member Board of Expert (Faculty Recruitment), Lahore Pharmacy College (LMDC), University of Health Sciences, Lahore	2014
42.	Member Board of Studies, College of Pharmacy Technicians, Islamabad	2017, 2018

PAPER SETTER & EXAMINER

I have been appointed as External examiner/Paper setter for **PhD, MPhil and Doctor of Pharmacy examination** since 2009 in different universities of Pakistan including

- *Bahauddin Zakaryia University Multan.*
- *University of Sargodha.*
- *Gomal University Dera Ismail Khan.*
- *Riphah Institute of Pharmaceutical sciences, Islamabad.*
- *Riphah Institute of Pharmaceutical Sciences, Lahore*
- *University of Health Sciences Lahore.*

- Superior University Lahore.
- Government College University Faisalabad.
- Lahore College for Women University (LCPW).
- University of Health Sciences Lahore.
- Shifa Tameer-e-Millat University
- Quaid-e-Azam University, Islamabad
- Akson College of Pharmaceutical Sciences, Mirpur University, AJ& K
- Hamdard College of Pharmaceutical Sciences, Islamabad

MAJOR ACHIEVEMENTS

MAJOR ACADEMIC ACHIEVEMENTS AND AWARDS

No	Description of Award	Awardee	Year
1.	A. <i>Honorarium for best performance in research and teaching</i> B. <i>Performance based increment for achieving more than 50 marks in teaching and research</i>	University of the Punjab/ Higher Education Commission of Pakistan	2019
2.	C. <i>Honorarium for best performance in research and teaching</i> D. <i>Performance based increment for achieving more than 50 marks in teaching and research</i>	University of the Punjab	2018
3.	E. <i>Honorarium for best performance in research and teaching</i> F. <i>Performance based increment for achieving more than 50 marks in teaching and research</i>	University of the Punjab	2017
4.	A. <i>Honorarium for best performance in research and teaching</i> B. <i>Performance based increment for achieving more than 50 marks in teaching and research</i>	University of the Punjab	2016
5.	Performance based increment for achieving more than 95 marks in teaching and research	University of the Punjab	2015
6.	Performance based increment for achieving more than 95 marks in teaching and research	University of the Punjab	2014
7.	Best performance report for the 1 st , 2 nd , 3 rd & 4 th year of service at University College of Pharmacy by Departmental Review Board (DTRC), University of the Punjab	Departmental Review Board (DTRC)	2014, 2015, 2016, 2017 & 2018
8.	Research productivity Award	Science Foundation	2017
9.	Honorarium/ Appreciation Certificate for being best team member of Quality Enhancement Cell(QEC), Riphah International University	Riphah International University	2012
10.	HEC Approved Supervisor	Higher Education Commission of Pakistan	2011 till now
11.	Partial Support Scholarship (Higher Education Commission of Pakistan)	Higher Education Commission of Pakistan	
12.	GSK Studentship	GlaxoSmith Kline, Stevenage, UK	2006
13.	EastChem Scholarship	University of Edinburgh	2006

14.	Merit Scholarship	University of the Punjab	1998
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PROFESSIONAL MEMBERSHIP

- Registered with Punjab Pharmacy Council
- Member International Pharmaceutical Federation (FIP)
- Member Pakistan Pharmacist Association (PPA)
- Member Academy of Pharmaceutical Sciences (APS)
- Member British Crystallographic Association (BCA)
- Member Punjab University Alumni
- Member University of Edinburgh Alumni
- Member Strathclyde University Alumni