



DR. AFSHAN SIDDIQ

Curriculum Vitae

Registration No: 6526

HEC Approved supervisor: Ref. HEC/HRD/ASA/2022/133457

Personal Information:

Marital Status: Married

Work History:

23 November 2022 to date: **Chairperson**
Department of Pharmacology
University of Karachi
Karachi
Pakistan

2014 - to date: **Associate Professor**

2011- 2014: Assistant Professor
Department of Pharmacology
University of Karachi
Karachi
Pakistan

2006-2011: Lecturer
Department of Pharmacology
University of Karachi
Karachi
Pakistan

2000-2006: **Senior Manager** Publications at Bentham Science Publishers
Dealing with CMC, MRMC, MC, CDD, MNS, CRP, AIAMC and OA
Journals

Memberships and Position Held:

2011-to date	Departmental Research Committee
2015- to date:	Departmental Board of Studies
2010-2011:	Member Board of Faculty Pharmacy
2010-2011:	Departmental Board of Studies
2009- 2010:	Member of Hungarian Society for Experimental and Clinical Pharmacology
2009:	Member Affiliation Committee
2008-2010:	Associate Editor , Journal of Applied and Basic Sciences
2017 to date	Member of Departmental Ethical Committee
2017 to date	Member of Quality Assurance Mechanism of Karachi University
2018 to date	Member of Visiting Faculty for MS/MD program
2018 to date	Member of Departmental Disciplinary Committee
2018 to date	Convener Disaster Management Committee
2018 to date	Member of Seminar Library Committee
2019 to date	Associate Editorial Board Member (The Open Pharmacology Journal)
2022 to date	Member Academic Council, UOK
2022 to date	Member Board of Studies for Dept. Of Pharmacology, UOK
2022 to date	Member Senate, UOK,
2024 to date	Member Advisory Board PJPS

Contested in the By Election **Syndicate** as Associate Professor 2023-2025

Education and Training:

Passing year	Examination /	Board	Grade
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	Training Passed		
1988	SSC	Karachi Board	A
1992	HSC	Karachi Board	A
1996	B.Pharm	University of Karachi	2 nd Position 3.91 GPR
2002	M.Phil* (Pharmacology)	University of Karachi	4.00 GPR
2002	Medical Transcription	COMSAT	Certified
2006	SDP	NAHE, HEC	Certified
2012	Ph.D.*	University of Karachi	Degree awarded

***Title of M.Phil:** Role of Calcium in Adriamycin induced cardiotoxicities

***Title of Ph.D:** Study of Cumulative toxicities of antihypertensive, hypolipidemic and hypoglycemic drugs

List of Publications:

1. S.P. Ahmed, **Afshan Siddiq**, *etal.*, Comparative Efficacy Of Haloperidol And Risperidone: A Review, *Pakistan Journal Of Pharmacology*, vol.24, no. 2, **2007**, 55.
2. **Afshan Siddiq** and V. Dembitsky, Acetylenic, *Anticancer Agents, anti-cancer agents in medicinal chemistry*, vol.8, no. 2, **2008**, 132. {**IF: 2.862**} [Article at no. 7. Rated top 10 by BioMedLib Friday, March 11 , 2011]
3. S. Moideen, **Afshan Siddiq**, *etal.*, Progession of Chronic peridontitis in diabetic and non diabetic subjects, *Journal of Basic and Applied Sciences*, vol,5, no. 2, **2009**, 53.
4. S. Khan , H. Mazhar, **Afshan Siddiq** & S.G. Baig, To study the effect of “ISPAGHOL” on absorption of “ASPIRIN”, *Journal of Pharmacy and Bioallied Sciences*, **2010**, vol 2, no. 2, 152.
5. **Afshan Siddiq**, S.G. Baig and V. Demibitsky, Comparative efficacy of oral antidibetics over glycemic control, *Int. J. Med. Res.* **2010**, vol. 1, no. 2: 80-84
6. Y. Khan, R.A. Khan, S. Afroz and **Afshan Siddiq**, Evaluation of Hypolipidemic Effect of Citrus, Lemon, *Journal of Basic and Applied Sciences*, vol,6, no. 1, **2010**, 39.

7. **Afshan Siddiq**, R.A. Khan, S.G. Baig, Does Atorvastatin work more effectively than biguanides in reducing cardiovascular risk factors? *Journal of Pharmacy and Bioallied Sciences*, **2011**, vol 3, no. 2, 306-309.
8. Lianet Monzote, **Afshan Siddiq**, Drug development to protozoan diseases, *The Open Medicinal Chemistry Journal*, **2011**, vol. 5, 1-3.
9. Subia Jamil and **Afshan Siddiq**, Comparison Of Cvd Risk Associated With The Long Term Use Of Contraceptives In Pakistani Young Females, *Journal of Applied Pharmaceutical Science*, **2012**, Vol. 2 issue 11, 62-66.
10. **Afshan Siddiq**, Rafeeq Alam Khan, Afaq Ahmed Siddiqui, Comparison Of Hepatic Parameters Following Administration Of Antihypertensive, Hypolipidemic & Hypoglycemic Drugs, *Journal of Basic and Applied Sciences*, vol.9, no.1, **2013**, 82-86.
11. **Afshan Siddiq** and Rafeeq Alam Khan., Effect on Hepatic Parameters and Hepatocytes following administration of antihypertensive, hypolipidemic and hypoglycemic drugs in combination (Part II), *Journal of Applied Pharmaceutical Science*, **2013**, vol. 3, issue, 2, 105-108
12. **Afshan Siddiq** and Rafeeq Alam Khan., Risk And Benefits: Electrolytes Imbalance Associated With The Use Of Multiple Drugs, *American Journal of Research Communications*, **2013**, Vol. 1, issue, 4. 34-40.
13. **Afshan Siddiq** and Rafeeq Alam Khan, Effect of multi drug administration on cardiac enzymes and Tissue, *American Journal of Advanced Drug Delivery*, **2013**, Vol. 1, issue 1, 36-42.
14. H. Kalász, P. Szegi, G Jánoki, L Balogh, Z. Pöstényi, K. Musilek, G.A. Petroianu, **Afshan Siddiq**, K. Tekes, Study on Medicinal Chemistry of K203 in Wistar rats and Beagle dogs, *Current Medicinal Chemistry*, **2013**, Vol. 20, issue 16, 2137-2144. {**IMPACT FACTOR: 4.859**}

15. Kornelia Tekes, Syed Tariq, Ernest Adeghate, Rudolf Laufer, Farzad Hashemi, **Afshan Siddiq**, Huba Kalasz, Nociceptinergic system as potential target in Parkinson's disease, *Mini-Reviews in Medicinal Chemistry*, **2013**, Vol. 13, issue 10, 1389-1397 {**IMPACT FACTOR: 2.528**}
16. Kornelia Tekes, Péter Szegi, Farzad Hashemi, Rudolf Laufer, Huba Kalász, Csaba Ertsey, **Afshan Siddiq**, Medicinal chemistry of drugs used in the treatment of migraine headache, *Current Medicinal Chemistry*, **2013**, 20(26):3300-16 {**IMPACT FACTOR: 4.859**}
17. Kalasz H, Petroianu G, Hosztafi S, Darvas F, Csermely T, Adeghate E, **Siddiq A**, Tekes K., Medicinal Chemistry of Drugs with Active Metabolites Following Conjugation, *Mini-Reviews in Medicinal Chemistry*, **2013**; 13 (11):1550-63 {**IMPACT FACTOR: 2.528**}
18. Rafeeq Alam Khan, Sadia G. Baig and **Afshan Siddiq**, A Comparative Study Of The Effects Of Olanzapine And Risperidone On Lipid Profile & C- Reactive Protein Of Rabbits, *Pharmanest*, **2014**; 5(3): 2120-2122
19. **Afshan Siddiq** et al, Dose Related CNS Acting Potential Of Tamarindus Indica, *World Journal Of Pharmaceutical Sciences*, **2014**, 2 (10): 1406-1415 { **IF: 1.877**}
20. Rafeeq Alam Khan, Sadia Ghouseia Baig & **Afshan Siddiq** .Comparative effects of Metformin and Pioglitazone on lipid profile of rabbits. *Pak.J.Pharm.Sci*, **2015**, 28(2): 553-555 { **IF: 0.95**}
21. Rafeeq Alam Khan, **Afshan Siddiq*** and Sadia Ghouseia Baig, Assessment of Renal Parameters when using antihypertensive, hypolipidemic and hypoglycemic drugs in combination, *American Journal of Advanced Drug Delivery*, **2015**, 3(1): 79-85.
22. **Afshan Siddiq*** and Rafeeq Alam Khan, Changes in Blood Count associated with multiple drug administration, *World Journal of Pharmacy and Pharmaceutical Science* , **2015**, 4(10): 9-17
23. **Afshan Siddiq** and Ishrat Younus, Screening *In-vitro* Antifungal Activity of Raphanus sativus L. Var. caudatus, *World Journal of Pharmacy and Pharmaceutical Sciences*, **2015**, 4(11): 429-437.
24. Ishrat Younus, **Afshan Siddiq**, et al, Screening Antiviral Activity of Moringa oliefera L. Leaves Against Foot and Mouth Disease Virus, *Global Veterinaria*, **2015**, 15 (4): 409-413 {**IF: 0.67**}
25. **Afshan Siddiq**, Sadia Saleem Rao, Analgesic effect of ascorbic acid verses acetylsalicylic acid, *American Journal of Pharmatech Research*, 6(2): **2016**, 603-609.

26. Ishrat Younus, **Afshan Siddiq*** et al, Evaluation of antiviral activity of plant extracts against Foot and Mouth disease virus *in vitro*; Pakistan Journal of Pharmaceutical sciences, 29 (10): **2016**, 1263-1268. { **IF: 0.682**}
27. **Afshan siddiq**, Ishrat Younus, In -Vitro Antileishmanial Activity of Raphanus Sativus L.Var. Caudatus", Journal of Basic and Applied Sciences, vol. 12, **2016**, 242-244.
28. Shohaib Alam, **Afshan Siddiq** and Muhammad Mohtasheemul Hasan , Hypolipidemic Effect Of Phaseolus Vulgaris L. At Various Doses And Its Impact On Cardiovascular Disease, *World Journal of Pharmacy and Pharmaceutical Sciences*, **2016**, 5(11): 163-174.
29. **Afshan siddiq**, et al, Nanostructures and antiviral drugs: in the last two decades, review paper, Current Nanoscience, **2017**, 13(3): 229-246. {**IF: 1.062**}
30. Ishrat Younus and **Afshan Siddiq**, Behavioral Evidence Of Antidepressant Line Activity Of Raphanus Sativus L. Var Caudatus In Mice, Afr J Tradit Complement Altern Med., **2017**, 14 (3): 142-146. {**IF: 0.553**}
31. **Afshan Siddiq** and Ishrat Younus, The Radish, Raphanus sativus L. Var. caudatus reduces anxiety-like behavior in mice", Metabolic Brain Disease, **2018**, , 33 (4) 240-244 {**IF: 2.63**}
32. Sarah Moideen , **Afshan Siddiq**, Adil Habib· Antimicrobial intervention in Periodontal therapy, Dental Science, **2018**, 17 (8), 1219-1223.
33. **Afshan Siddiq**, A. M. Hasan and S. Alam, Dose dependent hepatotoxic effects of dry seed phaseolus vulgaris linn. (red kidney beans) on rabbits, Acta Alimentaria, **2018**, 47 (3), 291-297
34. Ishrat Younus and **Afshan Siddiq**, Antioxidant and immunomodulatory potential of different extracts of Raphanus sativus L. var. caudatus in vitro, Hamdard Medicus, **2018**, 61 (3 and 4), 39-46
35. **Afshan Siddiq** et al, Role Of ARBS In The Management Of Hypertension, Cardiovascular Diseases, Renoprotection And Neuroprotection, *World Journal Of Pharmaceutical Sciences*, **2019**, 8 (03): 1688-1721
36. **Afshan Siddiq et al**, A Systematic Review On Angina – Focusing Nitrates And Need Of Newer Agents, *World Journal Of Pharmaceutical Sciences*, **2019**, 8 (03): 1722-1741
37. **Afshan Siddiq et al**, Hallmarks Of Calcium Channel Blockers: A Review, *World Journal Of Pharmaceutical Sciences*, **2019**, 8 (03): 1674-1687

38. **Afshan Siddiq** et al, Evaluation of pharmacological and toxic effects of ethanolic extract of radish pods in albino rabbits: A biochemical and histopathological study, *Pakistan Journal of Pharmacy and Pharmaceutical Sciences*, **2019**, 32 (3), 1275-1279 {**IF: 0.84**}
39. Sadia Suri Kashif, **Afshan Siddiq**, Depression review: Factors and Perspectives, *Saudi Journal of Medical and Pharmaceutical Sciences*, **2019**, 4 (12), 217-221
40. Maira Iqbal, **Afshan Siddiq et al**, A descriptive review on the Pharmacological Properties of Highly selective Beta Blocker Nevivolol, *World Journal of Pharmaceutical Research*, **2019**, 8 (7), 1032-1042, (SJIF 8.074)
41. **Afshan Siddiq**, Gul Ambreen, Kashif Hussain, Sadia Ghousia Baig, Oxidative Stress and Lipid Peroxidation with Repeatedly heated Mixed vegetable oils in Different doses in Comparison with single time Heated vegetable oil, *Pakistan Journal of Pharmaceutical Sciences*, **2019**, 32 (5), 2099-2105 {**IF: 0.84**}
42. Ishrat Younus, **Afshan Siddiq et al**, Neuropharmacological Evaluation Of Sedative And Muscle Relaxant Properties Of Raphanus Caudatus In Albino Mice, *Acta Poloniae Pharmaceutica - Drug Research*, **2019**, 76(5):855-862 (**IF: 0.876**)
43. Qudsia Basri, **Afshan Siddiq**, Sadia Ghousia Baig, A review on non Conventional approaches for the management of Angina, *Pakistan Heart Journal*, **2019**, 52(3), **193-199**
44. Kanwal Iftikhar, **Afshan Siddiq et al**, Substance P and Anxiety: A robust link in the psychopathology of anxiety disorders, *Neuropeptide*, , **2020**, 79, 1-8 (**IF: 2.407**)
45. Ahad Memon, **Afshan Siddiq et al**, Awareness, Prevalence And Attitude Towards Obsessive compulsive Disorders, Southern Pakistan, *Journal Of Pakistan Medical Association*, **2020**, 70 (9), 1563-1567 {**IF: 0.718**}
46. Maham Nawaz, **Afshan Siddiq et al**, A review on the effectiveness of angiotensin converting enzyme inhibitors in reducing cardiovascular morbidity and mortality, *Pakistan Heart Journal*, **2020**, 53(2), 107-116
47. **Afshan Siddiq et al**, Role of regulatory affairs in the Production of pharmaceutical Products in All over the world, *IJPPR, Human Journal*, **2020**, 18(4), 469-478
48. Ambreen G, **Siddiq A**, Hussain K. Association of long-term consumption of repeatedly heated mix vegetable oils in different doses and hepatic toxicity through fat accumulation. *BMC Lipids in Health and Disease*. **2020** Feb; 19:1-9.

49. Ambreen G, **Siddiq A**, Hussain K, Hussain AS, Naz Z. Repeatedly heated mix vegetable oils-induced atherosclerosis and effects of *Murraya koenigii*. *Complementary Medicine and Therapies*. **2020** Mar; 20(1):1-2
50. Ambreen G, **Siddiq A**, Hussain K, Baig SG. Single Time Heated Different Vegetable Oils Use-Impact on the Magnitude of Total Parenteral Nutrition (TPN) Associated Adverse Effects. *The Open Pharmacology Journal*. **2020** Jun 15; 10(1).
51. Kashif Hussain, **Afshan Siddiq**, Zara Naz, Gul Ambreen, Association of Repeatedly Heated Oil-Induced Hepatic Fat Accumulation and Development of Cancer: A Commentary, *Open Journal System, Cancer*; **2021**, 2(3), 6-10
52. Sadia Ghousia Baig, Salma Sabir, M.M Ul Hasan, **Afshan Siddiq** et al., The antidepressant activity of fixed oil of *Phaseolus vulgaris* Linn in mice, *Pak. Journal of Scientific and Industrial Research*, **2021**, **64A**(1) 1-5.
53. Ishrat Younus and **Afshan Siddiq**, *Raphanus Sativus* L. Var. *Caudatus* As An Analgesic And Antipyretic Agent, *Pak. Journal of Zoology*, **2021**, Online 1-6 [**0.831:IF**]
54. Ishrat Younus, **Afshan Siddiq ***, Anab Fatima, A Comprehensive Review On Varieties, Bioactive Constituents, Medicinal Importance And Toxic Effects Of Radish, *Plant Sciences*, **2022**, in review [**3.95:IF**]
55. Ishrat Younus, **Afshan Siddiq ***, et al, Pharmacological effects of raphanus caudatus in inflammation and hematopoietic system, *Pak. Jnl of Pharmaceutical Sciences*, **2022**, 35(6)1495-1501 [**0.831:IF**]
56. Ishrat Younus, **Afshan Siddiq ***, et al, An analytical report of photochemical constituents, pharmacological potential, and toxic effects of radish, *Pak. Jnl of Medical and Health sciences*, **2022**, 16(12), 2-6.
57. Soudeh Ghafouri-Fard¹, Ali Khanbabapour Sasi² · Bashdar Mahmud Hussien^{3,4} · Hamed Shoorei⁵ · **Afshan Siddiq⁶** · Mohammad Taheri⁷ · Seyed Abdulmajid Ayatollahi, Interplay between PI3K/AKT pathway and heart disorders, *Molecular Biology Reports*, **2022**, 49, 9767–9781 [**IF: 2.742**]
58. Erum Akhter, Bilal Jawed, Azfar Athar Ishaqui, Zeeshan Ahmed, Salman Ahmed, Bilal Mustafa, Imran Ali, Moeen Ahmed, Muhammad Imran, Sadia Ghousia Baig, **Afshan Siddiq**, Shayan Ahmed, Knowledge and Awareness of Community People on Dengue Fever Infection: A Cross-Sectional Study, *Pak. Jnl of Med. And Health Sciences*, **2023**, 17(2), 711-713
59. Ishrat Younus¹ , **Afshan Siddiq^{2*}**, Sadia Gousia Baig² , Rafia Sadaf³ , Zubia Begum⁴ , Talha bin Fayyaz⁵ , Laila Anwer¹ and Noor ul ain⁶ Exploration of Cytotoxic, Anticancer,

Antiglycation and Hypoglycemic effects of *Raphanus sativus* L. var. *caudatus*, *Hamdard Medicus*, **2023**, 66(1), 29-35

60. Muhammad Osama^{1*}, Calvin R Wei², Raheela Saleem³, Ayaz Ali Unar⁴, Khalida Unar⁵, Fahad Jibrán Siyal⁶, Bakhtawar Shaikh⁷, Sadia Ghousia Baig⁸, **Afshan Siddiq**, Aquatic Plants With Anti-Inflammatory And Anti-Oxidant Activities, *Journal of Survey in Fisheries Sciences*, **2023**, 10(1) 3802-3806

61. Long term Use of Proton Pump Inhibitor and Vitamin D Deficient, a survey Based Study, Arsalan Ullah, **Afshan Siddiq**, et al. *Hamdard Medicus*, **2023**, 66(2), 51-59.

62. M. Hassaan Bukhari, **Afshan Siddiq*** and Sadia Ghousia Baig, Prevalence of Diabetes Mellitus in Undergraduate Students of Pakistan, *RADS*, **2023**, in review

Tentative Titles:

1. **Afshan Siddiq et al**, omega 3 Fatty Acids- A Paramount In The Treatment Of Cardiovascular, Neurological And Inflammatory Diseases, *Pharmanest*, **2019**, in review
2. **Afshan Siddiq**, Hafiza Tauseef, Sadia Ghousia Baig, Schizophrenia a Split Mind, Metabolic Brain Diseases, **2019**, in review {**IF: 2.63**}
3. **Afshan Siddiq et al**, The Role Of Nebivolol In Controlling Hypertension And Angina, *CHDDT*, **2019**, in checking
4. **Afshan Siddiq et al**, A Review On Comparable Efficacy And Safety Of Novel Anti Anginal Agent Ivabradine With Traditional First Line Anti Anginal Therapy Beta Blocker, *Pakistan Journal Of Pharmacy And Pharmaceutical Sciences*, **2019** in review {**IF: 0.84**}
5. **Afshan Siddiq et al**, Thiazides Diuretics Are Used As A First Line Agent In Mild Hypertension And Commonly Used In Combination With Other Antihypertensive Drugs, **2019**, in checking
6. **Afshan Siddiq et al**, The Effectiveness of ACE Inhibitors in Reducing Incidences of Cardiovascular risks, morbidity and mortality: A review

International Conferences/Seminars/Webinars (Presented/organized):

1. 10th International Symposium on Natural Product Chemistry, **January 6-9, 2006**, at ICCBS, University of Karachi, Karachi Pakistan
2. 1st International Symposium and workshop-cum-training on Molecular Medicine and Drug Research, **January 16-30, 2007**, at PCMD, ICCBS, University of Karachi, Karachi Pakistan
3. 11th International Symposium on Natural Product Chemistry, **29th October to 1st November, 2008** at ICCBS, University of Karachi, Karachi Pakistan
4. 1st International Conference on Drug Discovery and Therapy 4 - **7th February 2008** at Dubai World Trade Center, UAE (**Organizer**)
5. Effective use of Digital Resources, **May 21-24, 2009** at ICCBS, University of Karachi, Karachi Pakistan
6. 2nd International Conference on Drug Discovery and Therapy **1-4th February 2010** at Dubai Men's College UAE, Title: Sulfo Fatty Acids in *Allium sativum*: A New Potential Drugs (**Organizer and poster presenter**)
7. Pharmacy profession – A Tool to Enhance Patient Care, **2011**, organized by Faculty of Pharmacy with Cando Consultancy and training services
8. Current Trends in Hospital Pharmacy, **April 2013**, Held at Pharmacy Auditorium, Faculty of Pharmacy, University of Karachi (**Organizer**)
9. Seminar on Academic Integrity and Plagiarism, **Feb-12, 2014**, Held at Arts Auditorium, Faculty of Arts, University of Karachi
10. Seminar on Recent Advancement in Therapeutics, **April 29, 2014**, Dept of Pharmacology, Faculty of Pharmacy, University of Karachi – [**Organizer**]
11. Seminar on End Note: The citation Management software, **February 26, 2015**, Faculty of Pharmacy, University of Karachi
12. *Work shop on SPSS Data Analysis*, **October 31, 2015**, Department of Pharmacology, Faculty of Pharmacy, University of Karachi – [**Organizer**]
13. Seminar on “Perspective and Dimensions of Drug Product Bioequivalence in 21st Century”, **December 15, 2015**, Department of Pharmaceutics, Faculty of Pharmacy, University of Karachi.\
14. 8th International conference on Endorsing Health Science Research, 14th March **2020** at Dow University of Health Sciences, Chemical and Pharmacological Evaluation of Ethanolic Extract of *Glycyrrhiza Glabra* Linn by **Afshan Siddiq**, et al.

15. 2nd International conference on world Pharmacist day, **20-21 October 2021**, at Jinnah University for women, Pharmacist, a dire need of healthy society, **Dr. Afshan Siddiq Judge of Poster competition.**
16. 3rd International Conference on Gastronomy, Nutrition and Dietetics, 6-8 May, **2022**, Istanbul Gedik University, Turkey, Correlation Between Metabolic Illness Such As Diabetes With The Lifestyle Of Undergraduate Students Of Pakistani University by **Afshan Siddiq** as Presenter and **Moderator.**
17. STEM FEST. 0.1, Annual Event That Celebrates The Fields Of Science, Technology, Engineering, And Mathematics, **28TH February 2023**, Beaconhouse School System Cambridge Branch, Gulshan Campus, Judge for scientific creation.
18. Two Days Expo Exhibition May 2023, Project entitled: Development of Safe and Effective Skincare Products with Organic Materials and Pharmaceutical Technology, **18-19 May, 2023**, Expo Center Karachi, **Project inventor, Dr. Afshan Siddiq** , Co. Inventors, S.Hassaan Bukhari, S. Nahin Haseen, Dildar Ali and M. Umer
19. Webinar for undergrad students of Pharm D entitled: Future Prespectives for the Treatment of Diabetes Mellitus, Speaker **Prof. Dr. Bilge Sener**, Adjunct Professor (ICCBS) and former Dean and Director, Dept. of Pharmacognosy, Gazi University, Turkey, **organized by Dr. Afshan Siddiq, 23, June 2023**, Department of Pharmacology, Faculty of Pharmacy and Pharmaceutical Sciences, UOK.
20. ISPEC - 7th International Conference On Medical & Health Sciences Held Online And In-Person On **July 6-8, 2023**, Türkiye, In Collaboration With Ordu University & Ispec, **Oral Presentation** Entitled “Potential Drug-Drug Interactions With Anticoagulants Among Post-Operative Patients At A Tertiary Care Institute In Pakistan: A Comprehensive Analysis” Assist. Prof. Dr. Yeliz Kaşko Arici Head of Conference.
21. A symposium on “Awareness session on PCOS (Month of Sepetember)” **Organized** by Chairperson Dept. of Pharmacology, Dr. Afshan Siddiq in collaboration with Matrix Pharma Pvt Limited on **5th September 2023.**
22. Two days Wrokshop entitled “**The Art of Dose Calculation: Precision in Practice**, Organized by Chairperson, Dept. of Pharmacology in collaboration with Ziauddin University Faculty of Nursing and Midwofery, Karachi, 6th and 7th October **2023**
23. **Project Display** event for Final Year Morning, Organized by **Dr Afshan Siddiq** and Dr. Sana, Dept., of Pharmacology, 6th November **2023**

24. Webinar for undergrad students of Pharm D entitled: Why Eating your Veggies will make your Brain work best?, Speaker **Dr. Marloes Dekker Nitert**, Associate Professor School of Chemistry and Molecular Biosciences, The University of Queensland Australia, **organized** by **Dr. Afshan Siddiq, Chairperson**, Department of Pharmacology, Faculty of Pharmacy and Pharmaceutical Sciences, UOK., **7th, November 2023**

Oral Presentation/Poster Presentation:

1. 2nd International Conference on Drug Discovery and Therapy **1-4th February 2010** at Dubai Men's College UAE, Title: Sulfo Fatty Acids in Allium sativum: A New Potential Drugs by: **Afshan Siddiq*** and Valery M. Dembitsky[#]
2. Russian Chines Bilateral Conference on Marine Biodiversity For A Healthy Ocean – Biodiversity, Functional Groups And Ocean Health. **10-11 October 2019**, at A.V. Zhirmunsky National Scientific Centre of Marine Biology, Far eastern Branch of the Russian Academy of Sciences Vladivostok, Russia, **Sulphated Steroids derive from Marine sources and biological activities** by **Afshan Siddiq**,¹ Ivan A. Yaremenko,² Vera A. Vil,² Olga Mulina,² Alexander O. Terent'ev,² Igor B. Krylov,² Valery M. Dembitsky²
3. 8th International conference on Endorsing Health Science Research, 14th March **2020** at Dow University of Health Sciences, Chemical and Pharmacological Evaluation of Ethanolic Extract of Glycyrrhiza Glabra Linn by **Afshan Siddiq**, et al. (**Listed among top six position**)
4. 13th Undergraduate Medical Research Conference, 11th-12th March **2020** at Prinme Foundation Pakistan, Peshawar, Chemical and Pharmacological Evaluation of Ethanolic Extract of Glycyrrhiza Glabra Linn by **Afshan Siddiq**, et al.
5. “9th International Conference on Endorsing Health Science Research, 9th & 10th April **2021** in commemoration of World Health Day organized by Advance Educational Institute & Research Centre, UOK, Pakistan, Screening of Phaseolus vulgaris Linn. for its Pharmacological and Toxicological Effects by **Afshan Siddiq** et al.
6. 7th International Conference of Psychophysiology 4th December, **2021** at AEIRC, UOK, Pakistan, Morus Alba, A ray of Hope for Mental Illness, Sidra Mohiuddin and **Afshan Siddiq**.
7. 3rd International Conference on Gastronomy, Nutrition and Dietetics, 6-8 May, **2022**, Istanbul Gedik University, Turkey, Correlation Between Metabolic Illness Such As

Diabetes With The Lifestyle Of Undergraduate Students Of Pakistani University by **Afshan Siddiq** and Hassaan Bukhari.

8. 14th EJONS International conference of Mathematics, Engineering, Chemical and Medical Sciences July 6-7, **2022**, University of Paris, Paris, France, Comprehensive review on Pharmacological Effects of Salajit by Sidra Mohiuddin and **Afshan Siddiq**.
9. Latin American International Conference On Social Sciences And Humanities-IV, March **13-15, 2023** Rio De Janeiro, Brasil, MORUS ALBA; A RAY OF HOPE FOR MENTAL ILLNESSES By Sidra Mohiuddin And **Afshan Siddiq**
10. Poster Exhibition for Graduate and Post Graduate students 2023, Organized by Dept. of Pharmacology, **organizers Dr. Afshan Siddiq** and Dr. Sana (KUPSC), **June 15, 2023**.

Published Book:

1. **Afshan Siddiq** and Rafeeq Alam Khan, Multiple drug administration: Cumulative Toxicities, AP LAMBERT Academic Publishing is a trademark of: OmniScriptum GmbH & Co. KG, ISBN 978-3-659-77802-5, **8-9-2015**, 1-237.

Abstract Books:

1. 7 Th International Conference On Medical & Health Sciences **July 06-08, 2023** Ordu, Türkiye, Editor Assist. Prof. Dr. Yeliz Kaşko Arici Isbn: 978-625-7720-92-2 Web: [Www.Ispecongress.Org/Saglik](http://www.ispecongress.org/saglik), Effect Of Caffeine Consumption On The Sleep Quality Among Undergraduate Students – Cross Sectional Study, Page **1231**
2. 7 Th International Conference On Medical & Health Sciences **July 06-08, 2023** Ordu, Türkiye, Editor Assist. Prof. Dr. Yeliz Kaşko Arici Isbn: 978-625-7720-92-2 Web: [Www.Ispecongress.Org/Saglik](http://www.ispecongress.org/saglik), Potential Drug-Drug Interactions With Anticoagulants Among Post-Operative Patients At A Tertiary Care Institute In Pakistan: A Comprehensive Analysis, Page **1794**
3. Marine Biodiversity for a Healthy Ocean – Biodiversity, Functional Groups & Ocean Health, *October 10–11, 2019, Vladivostok, Russia* Afshan Siddiq, Ivan Yaremenko, Tatyana A. Glorizova, Alexander O. Terent' ev, Vera A. Vil, Nick Savidov, Valery

M. Dembitsky. Sulphated steroids derived from marine sources and their biological activity, page 6.

Research Students (M.Phil):

First research student was given in 2013

#	Student name	Topic	Year/degree award
1	Dur e Shahnaz Shafi	Dose Related Pharmacological Evaluation of <i>Tamarindus Indica</i>	2014 <u>Degree awarded</u>
2	Shoaib Alam	Screening of <i>Phaseolus vulgaris</i> Linn. for its pharmacological and toxicological effects, writing work in progress	2014-2017 <u>Degree awarded</u>
3	Asma Shamim	To evaluate pharmacological and toxicological effects of <i>Glycyrrhiza glabra</i> Linn. Work in progress	2015-2019 <u>Degree awarded</u>
4	Samina Badar	To Evaluate Pharmacological Profile of <i>Juglans regia</i>	2021 <u>Degree awarded</u>
5	Sidra Mohiuddine	To Evaluate Pharmacological Effects of Fresh and Dry <i>Morus alba</i>	2017-2020 <u>Degree awarded</u>
6	Naureen Fatima	To Investigate Neuropharmacological Effects of synthetic pyrazole derivative in Chronic Constriction Injury (CCI) Utilizing Rat as Animal Model-an <i>In-Silico</i> and <i>In-Vivo</i> Approach.	2019 <u>Degree awarded</u>
7	Fatima Ahmed	Evaluation of Dose Related Pharmacological and Toxicological Effects of Caffeine Consumption	2019 <u>Degree awarded</u>
10	Sidra Tul Muntha	To evaluate Pharmacological activities of <i>Doronicum Hookeri</i> Rhizomes	2021 <u>Degree awarded</u>
11	Sana Sohail	To evaluate the Pharmacological effects of <i>Crocus Sativus</i> L	2021 <u>Degree awarded</u>
12	Mehwish Sattar (JUW/Co)	In-vitro Pharmacological Screening of Ethanol Extract of Leaves of <i>Petroselinum crispum</i>	2022 Synopsis

13	Tooba Khan (Juw/Co)	Comparative Pharmacological Screening Of Trachyspermum Ammi Seeds And Leaves	2022 Synopsis
14	Sana Fatima	Enrolled	2020
15	Madiha Ashraf	Enrolled	2020 Course work
16	Erum Akhter	A study trial of herbal andreduction	2022 synopsis
17	Sara Kulsoonm	Screening and Pharmacological activities of Alstonia scholaris Linn	2022 Synopsis
18	Sadhna Lal ji	Evaluation of antimicrobial and toxicological potential of Alstonia linn	2022 Synopsis
19	Hiba Majeed	Evaluation of potential Natural and synthetic compound against inflammation... in animal model	2022 Synopsis
20	Almas Siddiqui	Exploring knowledge attitudes and practices in the management of Acute gastroenteritis: a Cross Sectional Study	2022 Synopsis
21	Arsalan Ullah	Long term Use of Proton Pump Inhibitors associated with vit D defici.....study	2022

Research Students Ph.D:

First Ph.D research student was given in 2015

#	Student name	Topic	Year/degree award
1	Ishart Younus	<i>To Evaluate in-vitro and in-vivo Pharmacological Profile of Raphanus sativus L. Var. caudatus</i>	2015-2017 degree awarded
2	Gul Ambreen	To compare the pharmacological effects of different cooking oils, available in market	2016-2020 Degree awarded
3	Ali Asghar (HEJ/Co)	Cytotoxic cardenolides of natural origin and their mechanism of action in inhibiting the growth of k-562 Human leukemia cells.	2020 Synopsis approved Co Supervisor
5	Sidra Mohiuddine	To evaluate the Pharmacological effects of Shilajit	2020 Work in progress
6	Sara Moideen	Comparative efficacy of Allopathic versus Alternative medicine in Non-Alcoholic Fatty Liver	2021 Synopsis for Change
7	Samina Baddar (Co-Asfar From IU)	A Comprehensive Analysis of Adverse Drug Reactions Associated With Cancer	2022 Course work Synopsis submitted

		Pharmacotherapy	
8	Ahmad Ullah Humza (Co-Supervisor)	Drug Induced QTC-intervalCardiac care institute in Karachi, Pakistan	2022 Synopsis
9	Masood Ahmed Unar (Co-Supervisor)	Repurposing of Calcium Channel blockers as potential antineuroinflammatory	2023 Synopsis
10	Safia Mehmood khan	Unraveling the impact of thalidomide at diverse doses in transfusion dependent beta thalassemia	2023 Synopsis submitted
11	Dr Amer Javed	Pharmacological and Phytotoxicity studies on Vernonia Anthelemintica	2023 Synopsis submitted

Thesis Evaluation/Refereeing/viva voce examination:

1. **Ata Ur Rehman** for MPhil 2016, Studies on the Nephro-Protective effect of Apium Graveolens L (Karafs) and Physalis Alkekengi L. (Kaknaj) on Acute Renal Failure in Rats, Hamdard University Karachi
2. **Laila Anwar** for MPhil 2016, Hypoglycemic And Anti-Hyperglycemic Activity Of Clerodendrum Inerme Linn And Analysis Of Its CNS Activity, Hamdard University Karachi.
3. **Mahwish Fatima** for MPhil 2020, Evaluation Of Hypoglycemic And Antioxidant Effects Of Plant Based Health Tea In Alloxan Induced Diabetic Rats. Jinnah University for women.
4. **Sabiha Gul** for MPhil 2020, The Dynamic Evaluation Of Pharmacological Potentials Of *Buxus Wallichiana* Baill Leaves In Experimental Animals, Dept. of Pharmacology, JUFW
5. **Hira Afshan** for MPhil 2022. Evaluation of Pharmacological Activity of Mellssa Officinalis L and Panax Ginseng L. on Cognition and Memory Improvement in Experimental Animals, Dept. of Pharmacology, JUFW

International Collaboration:

1. Prof. Dr. K. Tekes, Hungarian Society for Experimental and Clinical Research, Budapest, Hungary
2. Prof. Dr. Huba Kalasz, Dept. of Pharmacology and Pharmacotherapy, University of Semmel weis, Budapest, Hungary

3. Prof. Dr. Valery Dembitsky, Dept. of Biomedical Chemistry, Russian Academy of Science, Moscow, Russia
4. Prof. Dr. I. Toth, Dept. of Molecular and Microbial Science, School of Pharmacy, University of Queensland, Australia
5. Prof. Dr. Paul Krapcho, Medicinal Chemistry, Vermont University, USA
6. Prof. Tarek Mansour, Weyth Research Institute, USA
7. Prof. Dr. Atta Ur Rahman, ICCBS, Karachi, Pakistan
8. Prof. Dr. Iqbal Azhar, Dept. of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, Karachi University, Pakistan
9. Dr. Fawad Ali Shah, HOD Pharmacology, Riphah International University Islamabad.
10. Dr. M. Mohtasheemul Hasan, Ex-HOD Dept of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi, Pakistan

Editorial work acknowledgment:

1. **Preface**

Journal: Current Medicinal Chemistry -Anti-Infective Agents
Volume: 1, **Issue:** 1, **Year:** January 2002, **Pages:** i-i
Authors: Tarek S. Mansour, Phaik-Eng S. Sum

2. **Preface**

Journal: Current Medicinal Chemistry -Anti-Infective Agents
Volume: 2, **Issue:** 1, **Year:** March 2003, **Pages:** i-i
Authors: Tarek Mansour, Phaik-Eng Sum

3. **Preface [Hot Topic: Arachidonic Acid Cascade Modulators: The Cyclooxygenase Pathway (Executive Editors: Jean-Michel Dogné / Xavier de Leval)]**

Journal: Mini-Reviews in Medicinal Chemistry
Volume: 4, **Issue:** 6, **Year:** August 2004, **Pages:** i-i
Authors: Jean-Michel Dogne, Xavier de Leval

4. **Preface**

Journal: Current Drug Delivery
Volume: 1, **Issue:** 1, **Year:** January 2004, **Pages:** i-i
Authors: Istvan Toth, Joanne Blanchfield

5. **Editorial**

Journal: Current Medicinal Chemistry -Anti-Infective Agents

Volume: 4, **Issue:** 1, **Year:** January 2005, **Pages:** i-i

Authors: Tarek S. Mansour, Phaik -Eng Sum

6. **Preface**

Journal: Current Medicinal Chemistry

Volume: 15, **Issue:** 24, **Year:** **Pages:** i-i

Authors: Atta- ur-Rahman

7. **Editorial**

Book: Frontiers in Natural Product Chemistry

Volume: 1, **Year:** 2005, **Pages:** 1-1

Authors: Atta-ur-Rahman, M.I. Choudhary and K.M. Khan