

Curriculum Vitae

Dr. Naqeebullah Khan
naqeebhmd2@gmail.com
naqeeb.chemistry@um.uob.edu.pk
+923327952527



Teaching

2002-2004 Lecturer of Chemistry, Balochistan Residential College, Turbat, Govt. of Balochistan
2005-2007 Head Master/Deputy Director, Government of Balochistan, Pakistan
2008-2009 Lecturer of Chemistry, University of Balochistan, Pakistan
2009-2014 PhD Scholar at National University Malaysia (Universiti Kebangsaan Malaysia).

Associate Professor, TTS (Tenured), Department of Chemistry **February, 2008 – Present**
University of Balochistan, Quetta, Pakistan.

Current Employment

UNIVERSITI KEBANGSAAN MALAYSIA (NATIONAL UNIVERSITY MALAYSIA)	2009-2014
Phd Chemistry (Synthesis And Biological Evaluations)	
UNIVERSITY OF BALOCHISTAN, QUETTA, PAKISTAN.	1999-2001
M.Sc In Chemistry (Bio-Chemistry)	
GOVERNMENT SCIENCE COLLEGE QUETTA AND UNIVERSITY OF BALOCHISTAN, QUETTA, PAKISTAN.	1996-1998
B.Sc In Chemistry, Zoology, Geography.	
TAMEER E NAU PUBLIC COLLEGE QUETTA, PAKISTAN.	1994-1996
F.Sc (Pre-Medical)	
October 2009 – October, 2014: Faculty Development Program, University of Balochistan, Quetta, Pakistan (Fully) Funded Position for Ph.D in Chemistry in Technologically Advanced Countries.	

Computer Skills

CHEM DRAW
SCIFINDER
PLATFORMS: MS WINDOWS.

Research Background

I worked on the synthesis of a very interesting groups of organic compounds, Aryl-hydroxamic acids and dithiocarbamates and their organotin(IV) complexes. These complexes were evaluated

for their biological activities against normal and tumor cells by using MTT, Electrophoresis and Comet assays.

Research Articles Published in National and International Journals

1. **Nageebullah**, Yang Farina, Kok Meng Chan, Lo Kong Mun, Nor Fadilah Rajab and Theng Choon Ooi, Diorganotin(IV) derivatives of N-methyl p-fluorobenzohydroxamic acid: Preparation, spectral characterization, X-ray diffraction studies and antitumor activity. *Molecules*, 2013 (18): 8696-8711; doi: 10.3390/molecules18078696. **IF= 2.42**
2. **Khan Nageebullah**, Yang Farina, Lo Kong Mun, Nor Fadilah Rajab, Normah Awang, Spectral characterization and crystal structures of two newly synthesized ligands of N-methyl o-substituted benzohydroxamic acids. *Journal of Chemical Crystallography*, 2013 (43): 622-627. **IF= 0.5**
3. **Nageebullah Khan**, Yang Farina, Lo Kong Mun, Nor Fadilah Rajab, Normah Awang. Tri-organotin(IV) complexes with o-substituted arylhydroxamates: Synthesis, spectroscopic characterization, X-ray structures and invitro cytotoxic activities. *Journal of Organometallic Chemistry*, 2014 (763-764): 26-33. **IF= 2.3**
4. **Nageebullah Khan**, Yang Farina, Lo Kong Mun, Nor Fadilah Rajab, Normah Awang, Syntheses, spectral characterization, X-ray studies and in vitro cytotoxic activities of triorganotin(IV) derivatives of p-Substituted-N-methylbenzylaminedithiocarbamates. *Journal of Molecular Structure*, 2014 (1076): 403-410. **IF= 1.6**
5. **Nageebullah Khan**, Yang Farina, Lo Kong Mun, Nor Fadilah Rajab, Normah Awang, Synthesis, characterization, X-ray diffraction studies and in vitro antitumor activities of diorganotin(IV) derivatives of bis(p-substituted-N-methylbenzylamine- dithiocarbamates). *Polyhedron*, 2015, 85,754-760. **IF= 2.1**
6. Ali Irshad, **Nageebullah Khan**, Yang Farina, Nizam Baloch, Samiullah, Akbar Ali, Lo Kong Mun, Ghulam Murtaza, Attiq-ur-Rehman, Synthesis, spectroscopic characterization, X-ray diffraction studies and in-vitro antibacterial activities of diorganotin(IV) derivatives with N-methyl-4-bromobenzohydroxamic acid. *Inorganica Chimica Acta*, 2017, 469, 280–287. **IF= 2.264**
7. Kinza Ghazal, Sara Shoaib, Mahira Khan, Samiullah, Mohammad Khawar Rauf, **Nageebullah Khan**, Amin Bad Shah, Mohammad Nawaz Tahir, Irshad Ali, Attiq ur Rehman. Synthesis, characterization, X-ray Diffraction study, in-vitro cytotoxicity, antibacterial and antifungal activity of Ni(II) and Cu(II) complexes with acyl thiourea. *Journal of Molecular Structure*. 2019, 1177, 124-130 **IF= 2.10**
8. Ali Akbar, Samiullah, **Nageebullah Khan** et al. Functional, antioxidant, antimicrobial potential and food safety applications of curcuma longa and cuminum cyminum. *Pakistan Journal of Botany*. 2019 51(3), DOI: 10.30848/PJB2019-3(30). **IF= 0.825**
9. Samiullah, Fareha Alam, Samina Aslam, Saniya Jadoon, Sajida, Rasool Bakhsh Tareen, **Nageebullah Khan**, Muhammad Aslam Buzdar, Muhammad Raza Khan, Saleha Suleman, Muzzafar Khan and Attiq-ur-Rehman. Determination of chemical composition, total phenolic contents and antioxidant activity of *Xylanthum macropodium*. *Journal of Chemical Society of Pakistan*, 2017, 39(01) 83-91. **IF= 0.327**
10. Attiq-ur-Rehman Kakar, **Nageebullah Khan**, Samiullah, Naeemullah, Amir Waseem and Fazal-ur-Rehman. The application of flow injection analysis coupled with luminol chemiluminescence in basic medium. A – Review. *Journal of Chemical Society of Pakistan*, 2018, 40, 1103-1118. **IF= 0.327**

11. Abdul Baqi, Samiullah, Rasool Bakhsh Tareen, Anum Mengal, **Nageebullah Khan**, Farida Behlil, Abdul Kabir Khan Achakzai, Muhammad Anwer, Attiq-Ur-Rehman, Mohammad Faheem. Determination of antioxidants in two medicinally important plants, Haloxylon griffithii and Convolvulus leiocalycinus, of Balochistan, Pure and Applied Biology, 2018, 7(1) 296-308.
12. Abdul Ghaffar, **Nageebullah Khan**, Samiullah, Irshad Ali, Ali Akbar, Attiq-ur-Rehman, Waheed Ahmed Shah, Abdul Baqi and Saifullah., Biological and electronic transition studies of the previously reported organotin (IV) dithiocarbamates of p-Fluoro-N-methylbenzylamine dithio-carbamate, Pure and Applied Biology, 2019, 8(1) 672-679.
13. Munir Ahmad, Attiq-ur-Rehman, Samiullah, Rasool Bakhsh Tareen, **Nageebullah Khan**, Abdul Baqi and Abdul Manan., Qualitative and quantitative determination of phytochemicals in Convolvulus leiocalycinus and Haloxylon griffithii. Pure and Applied Biology, 2019, 8(1) 733-741.
14. Atta Muhammad, Attiq-Ur-Rehman, **Nageebullah Khan**, Samiullah, Muhammad Asghar, Abdul Baqi, Abdullah Jan zeerak, Mohammad Hussain and Hayatullah., Spectrophotometric determination of phenolic antioxidants in four varieties of apples (Pyrus malus) from Balochistan, Pakistan., Pure and Applied Biology, 2019, 8(1) 768-779.
15. Farida Behlil, Samiullah, **Nageebullah Khan**, Ali Akbar, Rasool Bakhsh Tareen, Abdul Kabir Khan Achakazai, Irshad Ali and Attiq-ur-Rehman. Phytochemical screening and antioxidant activity determination of some medicinally important plants of balochistan., Pakistan Journal of Botany. 2019, 51(2) 601-608 **IF= 0.825**
16. Shamim Gul, Hira Javed Siddiqui, Gul Bano Rehman, Attiq ur Rehman, **Nageebullah Khan**, Sami Ullah, Poultry manure as an organic fertilizer with or without biochar amendment: Influence on growth and heavy metal accumulation in lettuce and spinach and soil nutrients. Phyton-International Journal of Experimental Botany, 2020, DOI:10.32604/phyton.2020.011413. **IF= 0.327**
17. Mahira Khan, **Nageebullah Khan**, Kinza Ghazal, Sara Shoaib, Samiullah, Mohammad Khawar Rauf, Amin Bad Shah, Mohammad Nawaz Tahir, Irshad Ali, Attiq ur Rehman Synthesis, characterization, crystal structure, in-vitro cytotoxicity, antibacterial and antifungal activities of nickel(II) and cobalt(III) complexes with acylthioureas. Journal of Coordination Chemistry. 2020, 73(12), 1790–1805. **IF= 1.4**
18. Abdul Hakeem, **Nageebullah Khan**, Attiq-ur-Rehman, Samiullah Khan, A Comparative Study of the Heavy Metals in the Meat of Chickens in Different Cities of Pakistan. A Review, Al-Nahrain Journal of Science, 2020, 23 (2): 75 – 79.
19. Bibi Shireen, **Nageebullah Khan**, Samiullah, Irshad Ali, Ali Akbar, Attiq-ur-Rehman and Farida Behlil, Biological evaluation, synthesis and characterization of transition metal complexes of N-Methyl o and p-substituted benzohydroxamic acids, Pure and Applied Biology, 2020, 9(4): 2199-2206.
20. Farzana Saleem, **Nageebullah Khan**, Samiullah, Attiq-ur-Rehman, Irshad Ali. Synthesis of Hydroxamic Ligands with Transition Metal Complexes, their Biological Activities and Characterization Through Spectroscopic Techniques. Al-Nahrain Journal of Science, 2020, 23(2),1–7.
21. Gul Zareen, Ali Akbar, Saadullah Khan Leghari, Attiq Ur Rehman Kakar, **Nageebullah Khan**, Javed Muhammad, Nazir Ahmad Khan, Zia Ur Rehman, Rehana Kamal, and Imran Ali. "Daily Dose Standardization Based on Essential and Nonessential Trace Element Presence in Berberis baluchistanica Ahrendt Bark, Leaf, and Root." BioMed Research International, Vol. 2022, Article ID 6811613, 9. **IF= 2.9**

22. Bibi, Maria, Samiullah Khan, **Naqeebullah Khan**, Attiq-Ur-Rehman Kakar, Abdul Hakeem Tareen, Sahifa Bibi, and Habiba Taj. "Determination of essential and non-essential elements in Xylanthemum macropodum of Balochistan, Pakistan." *Baghdad Journal of Biochemistry and Applied Biological Sciences*, 2021, Vol. 2, No. 2, 95-105, e-ISSN: 2706-9915.
23. Faiza Altaf, Shamim Gul, Tasawar Ali Chandio, Gul Bano Rehman, Attiq-ur-Rehman Kakar, **Naqeebullah Khan**, U. Shaheen, M. N. Shahwani, M. Ajmal, and M. Manzoor. "Influence of biochar based organic fertilizers on growth and concentration of heavy metals in tomato and lettuce in chromite mine tailing contaminated soil." *Sarhad Journal of Agriculture*, 37 (2021): 315-324. **IF= 0.7**
24. Saifullah, Warda, **Naqeebullah Khan**, Samiullah, Pari Wash Mengal, Attiq-ur-Rehman, Abdul Baqi, and Abdul Manan. "Profiling of various elements in Haloxylon griffithii and Convolvulus leiocalycinus using atomic absorption spectroscopy and flame photometry. *Pure and Applied Biology*. Vol. 8, Issue 2,1535-1542." (2019).
25. Abdul Ghaffar, **Naqeebullah Khan**, Abdul Baqi, Irshad Ali, Nizam ud din Baloch and Ahmed Shah, In-Silico prediction and profiling of novel non-coding miRNAs and their proteins in muskmelon (Cucumiss melo), *Pakistan Journal of Agricultural Science*. 2023. 60(2)337-346. **IF=0.9**
26. **Naqeebullah Khan**, Yang Farina, Elhadi E Saad, Samiullah, Emad Yousif, Mohammad Anwar Panezai and Attiq-ur-Rehman, Synthesis and Structural elucidation of diorganotin(IV) derivative of N-Phenyl-o-Methoxybenzohydroxamic acid., ***Journal of Science & Technology. Lasbela, U. J. Sci. Techl.*** 00 (2015) 0-0.
27. Samiullah, Samina Aslam, Noor Saba Kishwer Taher, Fehmila Raof, Fariha Alam, Salma Khalid, **Naqeebullah Khan**, Abdul Kabir Khan Achakzai and *Attiq-ur-Rehman.*, Qualitative and quantitative phytochemical investigation of leaves of Narium indicum collected from Panjgur, Balochistan., ***Lesbela, U. J. Sci. Techl.*** 00 (2015) 0-0.
28. Imran Kiazai, Samiullah, **Naqeebullah Khan**, Attiq-Ur-Rehman, Abdul Ghaffar and Abdul Baqi., Determination of heavy metals concentration in Astragalus anisacanthus and Ebenus stellata of Balochistan, Pakistan., ***Pure and Applied Biology*** 8(2)(2019)2028-2035.
29. Najeebullah Kakar, Samiullah, **Naqeebullah Khan**, Attiq-ur-Rehman Kakar, Rasool Bakhsh Tareen, Nazia Meer, S. W. H. Shah, Irshad Ali, Muhammad Asghar and Abdul Baqi Achakzai., Determination of antioxidants and antimicrobial activities of Platyaenia multicaulie., *ANJS* 22(4) (2019)10-29.
30. Anum Mengal, Samiullah, **Naqeebullah Khan**, Attiq-Ur-Rehman and Abdul Baqi. Antibacterial and antifungal activities of extracts of Convolvulus leiocalycinus and Haloxylon griffithii of Balochistan, Pakistan. *Pure Appl. Biol.*, 8(4): 2286-2294, December, 2019 <http://dx.doi.org/10.19045/bspab.2019.80175>
31. Pari Wash Mengal, Samiullah, **Naqeebullah Khan**, Attiq-ur- Rehman, Abdul Baqi, Warda Saifullah and Abdul Manan., Determination of mineral and heavy metals in Cousinia stocksii Eremostachys thyrsoflora and Gaillonia macrantha plants for health safety approaches by atomic absorption and flame photometry techniques., ***Pure and Applied Biology*** 8(2)(2019)1571-1578.
32. Hayatullah Khan, Attiq-ur-Rehman Kakar, Samiullah Khan, **Naqeebullah Khan**, Irshad Ali and Abdul Baqi Achakzai., Physicochemical and Spectroscopic Elemental Analysis of Ground Water in Thickly Populated and Industrial Area of Quetta Valley Pakistan., ***Al-Nahrain Journal of Sciences*** 22(3)(2019)18-25.

33. Abdullah Jan, **Naqeebullah Khan**, Attiq-ur-Rehman Kakar, Samiullah and Abdul Hakeem,. Importance of Polyvinylpyrrolidone as PyrrolidoneBased Surfactants and as Poly (N-vinylpyrrolidone)- Modified Surfaces for Biomedical Applications. A Review,. **European Academic Research** 8(5) (2020)2899-2911.
34. Abdul Sattar, Abdul Baqi, Muhammad Suleman, Muhammad Tahir Shah, Samiullah, **Naqeebullah Khan** and Attiq-Ur-Rehman, Elemental analysis of medicinal plants and their impacts on human health,. **Pure and Applied Biology**,. 9(1)(2020)249-255.
35. Khair Un Nisa, Samiullah, **Naqeebullah Khan** and Attiq-ur-Rehman,. Detection of Heavy metals in Fruits and Vegetables available in the Market of Quetta city,. **Al-Nahrain Journal of Sciences** 23(1) (2020)47-56.
36. Bibi Shereen, Attiq-ur-Rehman Kakar, **Naqeebullah Khan**, Abdul Hakeem Tareen and Samiullah Khan,. Determination of Trace Elements in the Eggs of Poultry in Quetta, Balochistan,. **European Academic Research** 8(8) (2020)4852-4859.
37. Hayat Ullah, **Naqeebullah Khan**, Attiq-ur-Rehman, Samiullah Khan, Shams Ullah and Abdul Hakeem,. Physico-chemical and Spectroscopic Elemental Analysis of Fresh Water in Villages near Chromium Mines of Khanozai, Balochistan Pakistan,. **European Academic Research** 8(5) (2020)2912-2925
38. Hakeemullah, Muhammad Anwar, Jahangir Khan, Abdul Manan, **Naqeebullah Khan**, Abdul Hakeem, Aziz-Ur-Rehman. Anti-inflammatory Activity of Extracts and Fractions of Hertia Intermedia, ANJS, Vol.23 (2), June, 2020, pp. 80 – 83
39. Bibi Shireen, **Naqeebullah Khan**, Samiullah, Irshad Ali, Ali Akbar, Attiq-ur-Rehman and Farida Behlil,. Biological evaluation, synthesis and characterization of transition metal complexes of N-Methyl o and p-substituted benzohydroxamic acids,. **Pure and Applied Biology**,. 9(4)(2020)2199-2206.
40. Abdul Wasai, Attiq-ur-Rehman Kakar, **Naqeebullah Khan**, Abdul Hakeem and Samiullah Khan,. Detection of Physicochemical Parameters and Spectroscopic Analysis of Heavy Metals in Drinking Water of District Harnai,. **European Academic Research**, 8(4) (2020) 1884-1891.
41. Aminullah Mandokhail, Samiullah, **Naqeebullah Khan**, Abdul Hakeem Tareen, Attiq-Ur-Rehman Kakar, Sonia Tariq, Najeebullah Kakar. Determination of Antioxidants by Four Different Methods in Medicinally Important Plant Ebenus Stellata of Balochistan,. **Al-Nahrain Journal of Sciences** 23(4)(2020)13-18.
42. Muhammad Hashim, Samiullah, **Naqeebullah Khan**, Abdul Hakeem and Attiq-ur-Rehman Kakar,. Determination of Heavy Metals in Mentha longifolia of District Zhob, Balochistan,. **European Academic Research** 9(1) (2021)457-467.
43. Abdul Qahir, Attiq- Ur- Rehman Kakar, **Naqeebullah Khan**, Samiullah, Abdul Hakeem, Rehana Kamal and Fazal-Ur-Rehman,. The Antioxidant, Antimicrobial, and Clinical Effects with Elemental Contents of Pomegranate (Punica Granatum) Peel Extraction: A Review,. **Baghdad Journal of Biochemistry and Applied Biological Sciences** 2(01)(2021)21-28.
44. Rozia Achakzai, **Naqeebullah Khan**, Attiq-Ur-Rehman Kakar, Samiullah and Abdul Hakeem Tareen. Determination of heavy metals in the dates (P.dactyliferaL.) of Balochistan (Panjgoor and Turbat). *Baghdad Journal of Biochemistry and Applied Biological Sciences*, 2022;3(03):1-9. doi:bjbabs.v3i03.140.
45. Khair Un Nisa, Attiq Ur Rehman Kakar, Muhammad Asghar, Sami ullah, **Naqeebullah**, Niamatullah Kakar and Arif Shah, Flow Injection Chemiluminescence Determination of Acetochlor and Cartap-HCl in Fresh Water Samples Employing Acidic KMnO4–Rhodamine-B Reaction System,. *Luminescence* 38(2023)647-661. (IF=2.65).

46. Shahida, **Nageebullah Khan**, Attiq-Ur-Rehman Kakar, Samiullah and Abdul Hakeem. Detection of Heavy Metals in Wheat (*Triticum aestivum* L.) of various regions of balochistan. European Academic Research, Vol. XI. Issue3/June 2023.
47. Rabia Mariyam, Attiq-ur-Rehman Kakar, Samiullah Khan and **Nageebullah Khan.** Assessment of physico-chemical, spectroscopic elemental, and biological analysis of sewage water of Habib Nalla in Quetta City. Pure Appl. Biol., 12(2):924-930, June, 2023.
48. Abdul Hakeem, **Nageebullah Khan**, Rehana Kamal, Attiq-Ur-Rehman Kakar, Samiullah, Habiba Taj, Khair Un Nisa., Flow Injection Determination of Paracetamol in Pharmaceutical Formulations using Luminol-Diperiodatoargentate (III) System with Chemiluminescence Detection., Journal of Population Therapeutics & Clinical Pharmacology 31 (5) (2024)1578-1590. **(IF =1.94)**
49. Rishteen Wasay Khan, Attiq Ur Rehman Kakar, **Nageebullah Khan**, Abdul Hakeem and Sami Ullah., Determination of selected metal concentrations in potatoes with different brands of potato chips in Quetta., S. Afr. J. Chem. 78(2024)158–161. **(IF = 1.82)**
50. Abdul Ghafar, **Nageebullah Khan**, Muhammad Zafar Saleem, Irshad Ali, Attiq Ur Rehman, Waheed Ahmed Shah and Samiullah., Identification and Characterization of Evolutionary Conserved Muskmelon Non-coding miRNAs and Their Target Proteins., Biochemical Genetics 2024. **IF = 2.95**
51. Rukhsana Nihal, **Nageebullah Khan**, Abdul Ghaffar, Attiq-Ur-Rehman Kakar, Shazia Akhtar, Zakira Yousaf. Spectroscopic Determination of Heavy Metals Accumulation in variety of Plants. European Academic Research, Vol. XII, issue 4/July 2024.
52. Abdul Baqi, Samiullah, Ghulam Mustafa Khan, Asadullah, **Nageebullah Khan**, Attiq-Ur-Rehman and Ali Ahmed., Identification and characterization of functional microRNAs and their significant targets in maize plants., Journal of Plant Biochemistry and Biotechnology(2024) **(IF = 1.94)**
53. A. Hakeem, **Nageebullah. Khan**, A.-ur-R. Kakar, Samiullah, M. Asghar and G. M. Khan., Determination of Heavy Metals in Domestic and Broiler Chickens Meat in Quetta City., Portugaliae Electrochimica Acta 43 (2025) 355-363. **(IF = 1.1)**
54. Khair Un Nisa jaffar, Attiq Ur Rehman Kakar, Muhammad Asghar, Sami ullah, **Nageebullah Khan**, Flow injection Chemiluminscence determination of lambda-cylothrin and clodintop-propargyl in fresh water samples. International journal of environmental analytical journal, 1-21. <https://doi.org/10.1080/03067319.2024.2416516>. **IF= 2.6**
55. Abdul Ghaffar, **Nageebullah Khan**, Attiq Rehman, Waheed Shah, Muhammad Tayyab, Identification of evolutionary conserved muskmelon novel non-coding miRNAs and their target proteins using computational approach and its utility in phylogeny analysis, Journal of Central European Agriculture. 2025, 26(1), p.176-190. DOI: /10.5513/JCEA01/26.1.4390. **IF=0.7**
56. Samina Aslam, Samiullah, **Nageebullah Khan** et al. Synthesis, in-vitro anti-urease, In-silico molecular docking study and ADMET Predictions of Piperidine and Piperazine Morita-Baylis-Hillman adducts (MBHAs)" to Zeitschrift für Naturforschung C (ZNC). Zeitschrift für Naturforschung C. A Journal of Bioscience. Accepted October, 2024. **IF= 1.8**
57. Safia Mustafa, Attiq Ur Rehman Kakar, Yasmeen Malik. **Nageebullah Khan**, Samiullah, Tolerance pattern against the heavy metals and pesticides in Escherichia coli isolated from water samples. Brazilian Journal of Microbiology, <https://doi.org/10.1007/s42770-024-01553-1>. **IF=2.4**
58. Abdul Ghaffar, **Nageebullah Khan**, Irshad Ali, Sami Ullah, Attiq ur Rehman & Waheed Ahmed Shah. Bioassays, characterization and electronic transitions studies of organotin(IV)

dithiocarbamates of p-Bromo-N methylbenzylamine dithiocarbamates. | [https://doi.org/ 10.1007/s44371-024-00063-1](https://doi.org/10.1007/s44371-024-00063-1).

59. Abdul Ghaffar, ***Naqeebullah Khan***, Irshad Ali, Sami Ullah, Attiq ur Rehman & Waheed Ahmed Shah, Exploring the hidden world of muskmelon miRNAs: Experimental hunts of computational predicted miRNAs and their protein targets. Genet Resour Crop Evol. 2024 <https://doi.org/10.1007/s10722-024-02271-1> **IF= 1.7**
60. Abdul Baqi, Samiullah, Ghulam Mustafa Khan, Asadullah, ***Naqeebullah Khan*** & Attiq -Ur-Rehman. In silico based profiling and characterization of functional microRNAs and their crucial targets in Saccharum officinarum, Indian Journal of Biochemistry & Biophysics, 62 (2) 103-200. 2025.
61. Abdul Baqi, Samiullah, Jadoon Khan, Asma Sadiq, Yousaf Khan, Shahid Ali, Syed Nadeem ul Hassan Mohani, ***Naqeebullah Khan***, Tawaf Ali Shah, Khalid. S. Almaary, Youssouf Ali Younous & Mohammed Bourhia. Computational identification and experimental validation of novel Saccharum officinarum microRNAs along with their targets through RT-PCR approach. 2025, VOL. 20, NO. 1, e2452334 (11 pages). <https://doi.org/10.1080/15592324.2025.2452334> **IF= 2.8**
62. Irshad Ali, Naqeebullah Khan, Sammer Yousuf, Farida Behlil, Ali Akbar, Muhammad, Imran Malik ^b, Synthesis, spectroscopic characterization, X-ray structure elucidation, and in-vitro biological screening of new organotin(IV) derivatives of N-methyl-4-(chloromethyl)benzohydroxamic acid. Journal of Molecular Structure. Volume 1342, 15 October 2025, 142648. **IF= 8**

Ph.D. and M.Phil. Supervision

01 Ph.D. produced as Co-supervisor and 03 Ph.D. under Supervision. 16 M.Phil produced and 07 are under Supervision.

Books and Courses Reviewed/Edited/Evaluated

F.Sc (1st Year) Text Book of Chemistry, Balochistan Text Book Board.
 F.Sc (2nd Year) Text Book of Chemistry, Balochistan Text Book Board.
 BS Chemistry course evaluated for University of Balochistan, Quetta.
 Sector Plan (Five Year Educational Policy) Department of Education, Govt. of Balochistan.

Member of the Executive Bodies

Member of Syndicate, University of Balochistan, Quetta	September 2016-2022
Member of Senate, University of Balochistan, Quetta	September 2016-2022
Focal Person Turnitin, Department of Chemistry, UoB, Quetta	May 2015- Present
Member Departmental Admission Committee	October 2017- Present
Member of Advanced Studies and Research Board	March 2021- Present
Member of the Affiliation Committee UoB.	September 2024-Present

Seminars/Conferences

- The International Conference for Young Chemists (4th, ICYC 2013). 29-31 January, Penang, Universiti Sains Malaysia.
- Kolokium Siswazah Ke-12, Fakulti Sains dan Teknologi, UKM, Bangi 04-05 Jun 2012.
- The 2nd UKM-GIST, Joint Symposium on Green Technologies, 1-2, December, 2010, Puri Pujangga, UKM.
- National Core Group Life Sciences-HEC 2nd National Workshop on "Techniques in Molecular Biology, Bioinformatics and Vaccine Production" from 27th to 30th May, 2008, University of Balochistan, Quetta Pakistan.
- Professional Development Workshop, Under UNESCO's Participation
- 1st Internal Conference on Environment and Biosciences 16th and 17th April 2015, Sardar Bahadur Khan Women's University, Quetta Pakistan and Higher Education Commission Pakistan.
- Workshop on Policies for Creating Enabling Environment for Encouraging Problem-Solving Research. 4th June, 2015, Organized by Office of Research Innovation & Commercialization (ORIC), UoB, Quetta in collaboration with PCS&T and IRP Pakistan.

References

- Prof. Yang Farina Abdul Aziz, School of Chemical Sciences and Food Technology, Universiti Kebangsaan Malaysia.
- Prof. Nor Fadilah Rajab, Department of Biotechnology, Universiti Kebangsaan Malaysia.
- Prof. Abdullah Khan, Department of Chemistry, University of Balochistan, Quetta, Pakistan.
- Prof. Lo Kong Mun, Research Fellow, Sunway University, Petaling Jaya, Malaysia.