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### **Personal Information:**

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Nature of Service: Regular Service (BPS- 21)

Date of Birth: April 1, 1964

Date of Retirement: March 31, 2024

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## **Research Publications**

### **2016**

1. Asad Gulzar, Izhar ul Haq, Asrar Ahmad, **Muhammad Abdul Qadir**, Abdul Majeed Salariya. Preparation of zinc oxide from indigenous besham (fata area) lead zinc ore. Sci.Int.(Lahore), 28(2), 1157-1159, 2016 ISSN 1013-5316; CODEN: SINTE 8 1157  
IF=0.75
2. Mahmood Ahmed, Muhammad Imtiaz Shafiq, Anum Khaleeq, Rahila Huma, **Muhammad Abdul Qadir**, Ayesha Khalid, Amir Ali, and Abdul Samad. "Physiochemical, Biochemical, Minerals Content Analysis, and Antioxidant Potential of National and International Honeys in Pakistan", Hindawi Publishing Corporation, Journal of Chemistry, Volume 2016, Article ID 8072305, 10 pages, <http://dx.doi.org/10.1155/2016/> IF=0.772
3. Shabnam Shahzad, **Muhammad Abdul Qadir**, Rashid Rasheed, Asrar Ahmad, M. Imtiaz Shafiq, Mahmood Ahmed, Sumera Noreen, Amir ALi, Syeda Kiran Shahzadi, & Muhammad Javed "A New Method for Synthesis of 99mTc-enorfloxacin: an Infection Imaging Agent. Latin American Journal of Pharmacy, 35(2): 259-64 (2016). IF=0.372
4. **Muhammad A Qadir**, Syeda K Shahzadi, Muhammad Javed , Shabnam Shahzad , & Nazish Awan. Preparation and Biodistribution of 99mTc-Cloxacillin as a Novel Agent for Imaging Infection Caused by *Staphylococcus aureus*. Latin American Journal of Pharmacy, 35(2): 468-73 (2016). IF=0.372
5. Mahmood Ahmed, Anum Khaleeq, Rahila Huma, **Muhammad Abdul Qadir**, Muhammad Imtiaz Shafiq, Ayesha Israr, Amir Ali, Shabnam Shahzad. Optimization and Validation Procedure for Elemental Composition of Fresh and Pasteurized Milk in Pakistan Employing Microwave Digestion Followed by ICP-OES: a Contribution to Risk Assessment. IF=1.956

### **2015**

6. **Muhammad Abdul Qadir**, Mahmood Ahmed and Rabia Ikram, "Synthesis, antimicrobial and antifungal possessions of tramadol esters: In vitro studies", Pak. J. Pharm. Sci., Vol.28, No.4, July 2015, pp.1307-1310 IF=0.728
7. S.K. Shahzadi, **M.A. Qadir**, S. Shahzad, M. Javed, 99mTc-amoxicillin: a novel radiopharmaceutical for Infection Imaging, Arabian Journal of Chemistry (2015), doi: <http://dx.doi.org/10.1016/j.arabjc.2015.04.003> IF=3.7
8. **Muhammad Abdul Qadir**, Shabnam Shahzad, Rashid Rasheed, Mahmood Ahmed, Shahzad Anwar, and Syeda Kiran Shahzadi, "A Novel Method for the Synthesis of 99mTc-Ofloxacin Kits Using D-Penicillamine as Coligand and Their Application as Infection Imaging Agent" BioMed Research International , Volume 2015, Article ID 502680, 8 pages, <http://dx.doi.org/10.1155/2015/502680> IF-1.57

9. **Muhammad A. Qadir**, Mahmood Ahmed and Anum Khaleeq, "Synthesis and Biological Evaluation of Amino Terminal Modified New Sulfonamides of Contemporary Drugs". *Latin American Journal of Pharmacy* (formerly *Acta Farmacéutica Bonaerense*), *Lat. Am. J. Pharm.* **34** (4): 719-24 (2015) IF-0.334
10. **Muhammad Abdul Qadir**, Mahmood Ahmed, Iftikhar-ul-Haq and Saghir Ahmed, "Improved limit of detection and quantitation development and validation procedure for quantification of zinc in Insulin by atomic absorption spectrometry" *Pak. J. Pharm. Sci.*, Vol.28, No.3, May 2015, pp.875-879 IF-0.728
11. **Muhammad Abdul Qadir**, Mahmood Ahmed and Muhammad Iqbal, "Synthesis, Characterization, and Antibacterial Activities of Novel Sulfonamides Derived through Condensation of Amino Group Containing Drugs, Amino Acids, and Their Analogs", Hindawi Publishing Corporation", *BioMed Research International* Volume 2015, Article ID 938486, 7 pages <http://dx.doi.org/10.1155/2015/938486> IF-1.57
12. Asma Tufail Shah, Muhammad Imran Din, Shahid Bashir, **Muhammad Abdul Qadir** and Farzana Rashid, "Green Synthesis and Characterization of silver nanoparticles using ferocactus echidne extract as a reducing agent" , *Analytical Letters*, 48: 1180–1189, 2015 , DOI: 0.1080/00032719.2014.974057 IF-0.982
13. **Muhammad Abdul Qadir**, Feroza Hamid Wattoo, Mehwish Yaseen, Sadia Atta, Muhammad Hamid Sarwar Wattoo, Sheikh Asrar Ahmad, Asad Gulzar ,” In-vitro binding assay study of <sup>99m</sup>Tc-flouroquinolones with E. coli, Salmonella and Ps. Aeruginosa”, *Alexandria Journal of Medicine* (2015) 51, 47–52 IF-0.644
14. **Muhammad Abdul Qadir**, Mahmood Ahmed, Shabnam Shahzad. Determination of Aluminium by Electrothermal Atomization Atomic Absorption Spectrometry in Serum to Characterize Hemodialysis Toxicity. *Anal. Lett.* 2015 48 (1): 147-153. IF-0.982
15. **Muhammad A. Qadir**, Mahmood Ahmed, Muhammad I. Shafiq, Nasir Mahmood , Sarosh Anwar, Tayyaba Habib, & Sajilah Nosheen. Synthesis, Spectral Characterization and Biological Activities of Methyl Substituted Amino Acid Conjugated Sulfonamides. *Latin American Journal of Pharmacy*, 34 (8): 1511-5 (2015). IF-0.372
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17. A. Ali, M. Ahmed, T. Mahmud, **M. A. Qadir**, K. Nadeem and A. Saleem. Stability-indicating High-performance Liquid Chromatography Method for Simultaneous Determination of Aminophylline and Chlorpheniramine Maleate in Pharmaceutical Formulations. *Indian Journal of Pharmaceutical Sciences*, 77(5): 511-654 (2015).IF- 0.48
18. Abid Nazir Gill, Muhammad Akbar, **Muhammad Abdul Qadir**, Muhammad Pervaiz and Ahmad Adnan. Chlorine Dioxide Mediated Oxidation of Sub-Bituminous Coal for Humic Acid Production. *Asian Journal of Chemistry*. Vol.27, No.11 (2015), 3961-3964. IF- 0.45
19. Hajira Rehman, **Abdul Qadir**, Zulfiqar Ali, Nasir Mahmood, Asmat Zahra, Habib Hussain and Tanzeela Gulab Shahzadi. Synthesis, Spectroscopic Characteristics and Anti Bacterial Study of Some Novel Sulphonamides. *Asian Journal of Chemistry*. Vol. 28(2), 343-346.
20. Shabnam Shahzad, **Muhammad Abdul Qadir**, Rashid Rasheed, Mahmood Ahmed. Synthesis of <sup>99m</sup>Tc-gemifloxacin freeze dried kits and their biodistribution in Salmonella

typhi, *Pseudomonas aeruginosa* and *Klebsiella pneumonia*. *Arabian Journal of Chemistry* (2015). IF-3.7

21. Shabnam Shahzad, **Muhammad Abdul Qadir** and Mahmood Ahmed. Development of Stable Freeze Dried Kits of <sup>99m</sup>Tc-Ciprofloxacin for Infection Imaging. *J. Chem. Soc. Pak. Vol.37.No.4*, (2015). IF-0.35
22. **M. A. Qadir**, M. Ahmed, W. A. Hussain and M. S. Tahir. Development and Validation of New HPLC Method for Simultaneous Estimation of L-Lysine Hydrochloride and L-Carnitine-L-Tartrate in Pharmaceutical Dosage Form. *Indian Journal of Pharmaceutical Sciences. Vol. 77(4)*, 367-510. IF-0.479
23. Shabnam Shahzad, **Muhammad A. Qadir**, Rashid Rasheed, Shahzad Anwar & Mahmood Ahmed. In Vivo Studies <sup>99m</sup>Tc-Levofloxacin Freeze Dried Kits in *Salmonella typhi*, *Pseudomonas aeruginosa*, and *Escherichia coli*. *Lat. Am. J. Pharm.* **34** (4): 760-5 (2015) IF-0.334

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28. **Muhammad Abdul Qadir**, Mahmood Ahmed, Saghir Ahmed, Iftikhar-ul-Haq. Synthesis of dicalcium phosphate used as feed additive for animals from phosphate rock as potential cost-effective raw material. *Int. J. Chem. Sci.* 2014 12(1): 111-120 IF-1.191
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33. M. Nadeem Zafar, S.A. Ahmad, **Muhammad Abdul Qadir** et.al. Electrochemical Separation of Alanine, Cystene and Glycine using a Digital Thruster. *Separation Science and Technology* 2013 48: 2707-2711. IF-1.2

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