

**FZ****Dr. FATIQA ZAFAR**

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Lecturer Dept. Of Chemistry, University of Sahiwal

## RESEARCH INTEREST

Nanoformulations of natural products, Fabrication of Metal nanoparticles, Preclinical and clinical studies of pharmaceuticals

## EXPERTIES

MS Office, Design Expert Software, Endnote, Minitab, Graph Pad Prism, Chem Draw

## AWARDS

Higher Education Commission (HEC) Approved PhD Supervisor

First Position in PhD Research Proposal Colloquium Organized by ORIC, UAF

## EXPERIENCE

- Working as Lecturer in Department of Chemistry, University of Sahiwal, Sahiwal from 13-03-2020 to to-date.
- Worked as Assistant Professor (IPFP) in Department of Chemistry, University of Okara, Okara for 1-year.
- Worked as a Research Fellow in PAS Funded Research Project in Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad.
- Worked as Teaching Assistant (TA Ship) in Department of Chemistry, University of Agriculture, Faisalabad.

## EDUCATION

- PhD Chemistry (Organic). University of Agriculture, Faisalabad.
- M. Phil. Chemistry. University of Agriculture, Faisalabad.
- M. Sc. Chemistry. University of Agriculture, Faisalabad.

## CERTIFICATIONS

- Certificate of Participation in 10<sup>th</sup> International and 22<sup>nd</sup> National Chemistry Conference, November 21-23, 2011.
- Certificate of Participation in International Conference of Biochemical and Chemical Sciences (ICBCS), February 24-26, 2014.
- Certificate of Participation in International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB), February 22-24, 2016.
- Certificate of Appreciation at 11<sup>th</sup> National Seminar for Capacity Building of CAM Practitioners, October 10, 2017.
- Certificate of Appreciation at Workshop on Advanced Spectroscopic Techniques for Characterization of Organic Compounds August 15-16, 2017

- Certificate of Participation (Oral Presentation) in 18th International and 30th National Chemistry Conference on Recent Trends in Chemistry, Nov 27-29 held at UMT Lahore.
- Certificate of Participation (Poster Presentation) in 18th International and 30th National Chemistry Conference on Recent Trends in Chemistry, Nov 27-29 held at UMT Lahore.

## TRAININGS

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HPLC, GC, X-Rays  
Crystallography

## MEMBERSHIP

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Life Time Member of Chemical  
Society of Pakistan

## PUBLICATIONS

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- **Fatiqa Zafar** et al., 2020. Nanosuspension enhances dissolution rate and oral bioavailability of Terminalia arjuna. Asian Pac. J. Trop. Biomed. 10(4): 164-171.
- **Fatiqa Zafar** et al., 2019. Comparative evaluation of biological activities of native and nanosuspension of *Terminalia arjuna*. Int J Agri Biol, 21: 775–785.
- **Fatiqa Zafar** et al., 2019. Increased Oral Bioavailability of Piperine from an Optimized *Piper nigrum* Nanosuspension. Planta Med, 85:249-257.
- Aslam, S., N. Jahan, K.U. Rahman, **Fatiqa Zafar** and M. Y. Ashraf. 2017. Synergistic interactions of polyphenols and their effect on antiradical potential. Pak J Pharma Sci, 30(4) :1297-1304.
- **Fatiqa Zafar** et al., 2016. Synergistic free radical scavenging potential of polyphenolic phytotherapeutics in various plants combinations. Oxid Commu, 39 (3): 2213–2221.
- Rehman, N., N. Jahan, K.U. Rahman, K. M. Khan and **Fatiqa Zafar**. 2016. Anti-arrhythmic potential of *Coriandrum sativum* seeds in salt induced arrhythmic rats. Pak Vet J, 36(4): 465-471.
- **Fatiqa Zafar** et al., 2015. Cardioprotective potential of polyphenolic rich green combination in catecholamine induced myocardial necrosis in rabbits. Evid Based Complementary Altern Med., Article ID 734903, Special issue: 1-10.
- Ajmal, A. D., N. Jahan, S. Aslam, K.U. Rahman and **Fatiqa Zafar**. 2015. Effect of extraction techniques on the extractability of antioxidant polyphenolics from *C. colocynthis*. Int J Pharma Biol Chem Sci, 4 (2): 20-29.
- **Fatiqa Zafar** et al., 2014. Comparative evaluation of phytochemical, mineral and vitamin contents of gemmomodified extracts and leaves of two indigenous medicinal plants. Int J Agric Biol, 16: 911-916.
- Fatima, F., **Fatiqa Zafar** and S. Ayesha. 2010. Impact and usage of internet in educational community in Pakistan. Eur J Sci Res, 47 (2): 256-264.