|  |  |  |
| --- | --- | --- |
| **Fatima Syed** | **Email:**  **fatimasyedchem@gmail.com** | |
| Lecturer in Biochemistry  ICS, UOP, Peshawar, KPK, Pakistan | **Ph: (Office)** (92-91) 9216652  **Cell:** 03339212022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Personal**  **Information** | Date of Birth: 03-08-1981  Marital Status: married  Nationality: Pakistani  N.I.C #: 17301-1213631-8  Passport No: CZ5176311 | | | |
| **Education** | **Year** | **Degree** | | |
| 2018 | Ph. D | | |
| 2004 | B. Ed | | |
| 2003 | M. Sc (Biochemistry ) | | |
| 2001 | B. Sc | | |
| 1999 | F .Sc | | |
| 1997 | S.S.C | | |
| **Achievement** | **Year** | **Achievement** | | |
| 2006 | Working as a lecturer and research worker at the Institute of Chemical Sciences, University of Peshawar since 4th December 2006 till date. | | |
| 2006 | Worked as a lecturer in Jinnah Institute of Medical Sciences Peshawar since Aug 2004 till Dec.2006 | | |
| 2003 | Worked as a lecturer and principal in Jinnah Institute of paramedics Peshawar for three years | | |
| **Language Skills** | **Language** | **Written** | | **Spoken** |
| English | Excellent | | Excellent |
| Urdu | Excellent | | Excellent |
| **Ph. D Title** | Solid state bioprocessing for the production of glucoamylase from *Neurospora sitophila.* | | | |
| **Research**  **Experience** | **2005-2017** | | Fully conversant working experience with the following instruments:  Polarimeter, Flourophotometer, Spectrophotometer, Flame photometer, pH meter, Conductivity Meter, autoclave, Laminar air flow, Gel Electrophoresis, centrifugation, HPLC | |
| **2010-2018** | | Currently working on the following projects;   * + Microbial enzyme production, purification and characterization.   + Analysis of the local medicinal plants for Antifungal ,antibacterial and antioxidant activities.   + Phytochemical screening of the local medicinal plants.   . | |
| **Training ,**  **Courses,**  **Seminars**  **and**  **Workshops** | * Participated in 2nd noble Laureates meeting held in March 2006 in Islamabad. * Acquired first aid training at the Institute of Chemical Sciences, University of Peshawar, Organized by Red Crescent Society. * Participated as an efficient member in the National Curriculum Revision Committee Meeting in Biochemistry 2009 at HEC Regional Center Peshawar. * Developed the course contents for BS Biochemistry course “Human Physiology” as decided in the National Curriculum Revision Committee Meeting in Biochemistry 2009 at HEC Regional Center Peshawar | | | |

|  |  |
| --- | --- |
| **Responsibilities included;** | * Teaching of Biochemistry Course Modules at Post Graduate level ranging from biochemistry of macromolecules and techniques, nutrition**,** physiological Chemistry, microbiology, molecular biology and Immunology. * Co- Supervised Environmental Chemistry Experiments to M.Sc (Final Year Students) * Co- Supervised instrumental Experiments to M. Sc (Final Year Students) * Supervised M.Sc (Final Year Students) in their research work (antimicrobial, antioxidant activities, phytochemistry and enzymology. * Responsible for arrangements of Sectional Seminars. * Worked as 1st round Evaluator of M.Sc (Biochemistry) thesis |

**PUBLICATIONS**

1.Shafiullah Khan\* and **Fatima Syed**

Bioactive constituents from Genus *Otostegia ,SARJ of physical sciences* **,** vol 1(1) pp 15-25,Feb 2013

2. **Fatima Syed\*** , Rifat Jahan, Aftab Ahmed and Shafiullah Khan.

*In vitro* Antimicrobial activities of *G. glabra* and *F. Arabica,Journal of Medicinal Plant Research* Vol. 7(10) pp. 2265-2270, Aug 2013.

3. **Fatima Syed** , Raheela Taj, Nusrat shaheen, Musarat Norin and Shafiullah Khan

Latent natural Product and their potential application as anti-infective agents,

*African Journal of Pharmacy and pharmacology,8(4) pp 100-105, Jan 2014*

*4.* **Fatima Syed***, Muhammad Javaid Asad ,Khurshid Ali, Muhammad Gulfaraz, Aftab Ahmed, Zahid Khan, Muhammad Imran, and Raheela Taj and Shfiullah Khan*

Optimization of various parameters for maximum glucoamylase production from Neurospora Sitophila; Asian Journal of Chemistry,Vol. 28(3) pp.669-674, Sep 2015

5. Farman Khan , **Fatima Syed**, Abdul Khabir, Abdur Rauf,Masood Afzal, Malik Aman -

Ullaah, Ali Akhtar Hussain, Abdusubhan,M.J.Khurram and Shafiullah Khan, Isolation ,Antioxidant ,Antifungal Activities of Two Newly Reported Compounds from Berginea ciliata , Asian Journal of Chemistry,Vol.28(9) pp.1917-1920, June 2016

6. Farmanullah Khan, **Fatima Syed**, Arshiya Iqba , Zia-ul-Haq Khan ,Hamidullah and Shafiullh Khan. Synthesis, Spectral Characterization and Antibacterial Study of Schiff Base Metal Complexes Derived from 4-Bromo-N [(E)-(5-chloro 2-hydroxy-phenyl) methyladiene] benzenesulphonamide; Asian Journal of Chemistry,Vol. 28(8) pp.1658-1660, Sep 2016

7. **Fatima Syed***, Khurshid Ali, Muhammad Javaid Asad, Muhammad Gulfaraz, Zahid Khan, Muhammad Imran, Raheela Taj and Aftab Ahmed,* Preparation and characterization of a green nano- support for the covalent immobilization of glucoamylase from Neurospora sitophila; Journal of Photochemistry & Photobiology, B ,Vol.162 pp. 309-317, Sep 2016.

8. Aftab Ahmad, **Fatima Syed, Muhammad Imran,** Arif Ullah Khan, Kamran Tahir, Zia Ul Haq Khan and Qipeng Yuan. Phytosynthesis and antileishmanial activity of gold nanoparticles by *Maytenus royleanus, Journal of Food Biochemistry,* 2016, 40: 420-427.

9. Aftab Ahmad,   Yun Wei,   **Fatima Syed**,   **Muhammad Imran,**  Zia Ul Haq Khan,   Kamran Tahir,   Arif Ullah Khan,  Muslim Raza,   Qudratullah Khan  and   Qipeng Yuan,

Size dependent catalytic activities of green synthesized gold nanoparticles and electro-catalytic oxidation of catechol on gold nanoparticles modified electrode, *RSC Adv.*, 2015,**5**: 99364-99377.

10. Raheela Taj, Imdadullah Muhammadzai, Jawad Ahmad , Asadullah Khan, **Fatima Syed**, and Zahid Khan. Frequency and antibiotic susceptibility pattern of methicillin resistant Staphylococcus Aureus in Abottabad city of Pakistan

**;** KMUJ. , 2015, vol : 7 .157-161

11. [Ahmad A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ahmad%20A%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)1, [Wei Y](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wei%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)2, [**Syed F**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Syed%20F%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)**3**, [Tahir K](https://www.ncbi.nlm.nih.gov/pubmed/?term=Tahir%20K%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)2, [Taj R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Taj%20R%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)3, [Khan AU](https://www.ncbi.nlm.nih.gov/pubmed/?term=Khan%20AU%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)2, [Hameed MU](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hameed%20MU%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)4, [Yuan Q](https://www.ncbi.nlm.nih.gov/pubmed/?term=Yuan%20Q%5BAuthor%5D&cauthor=true&cauthor_uid=27591110)5

Amphotericin B-conjugated biogenic silver nanoparticles as an innovative strategy for fungal infections. [Microb Pathog.](https://www.ncbi.nlm.nih.gov/pubmed/27591110) 2016 Oct; 99: 271-281. doi: 10.1016/j.micpath.2016.08.031. Epub 2016 Aug 31.

**References:**

**1.Dr.Imtiaz Ahmad**

Professor, Institute of Chemical Sciences University of Peshawar. Pakistan

Email:patwar2001@yahoo.com

**2.Dr.Imran Khan**

Associate Professor, Institute of Chemical Sciences University of Peshawar. Pakistan

Email:imrancl@upesh.edu.pk