

TARIQ KHAN

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EDUCATION:

- 2013-till date Department of Biotechnology,
Quaid-i-Azam University, Islamabad, Pakistan
PhD Scholar
- 2016 Mid-Florida Research and Education Centre (MREC), University of
Florida, USA
Short-term scholar (HEC, IRSIP)
- 2007-2011 University of Malakand, Chakdara Dir (L), Pakistan
Bachelors (Hons.) in Biotechnology
Merit Certificate

WORK:

Lecturer at the Department of Biotechnology, University of Malakand
Chakdara, Dir Lower.

RESEARCH

EXPERIENCE:

1. 3.5 years Research experience as Research scholar at the Department of Biotechnology, Quaid-i-Azam University Islamabad.
2. Research Assistant in Pakistan Academy of Sciences funded project.

PUBLICATIONS:

Journal Aricles

1. Saeed S, Ali H, **Khan T**, Kayani W, and Khan MA. *Impacts of methyl jasmonate and phenyl acetic acid on biomass accumulation and antioxidant potential in adventitious roots of *Ajuga bracteosa* Wall ex Benth., a high valued endangered medicinal plant.* Physiology and Molecular Biology of Plants. **2017**. {IF 1.3}.
2. Mashwani ZR, Khan MA, **Khan T**, and Shams AN. *Application of Plant terpenoids in the synthesis of Colloidal Silver Nanoparticles.* Advances in Colloid and Interface Science. **2016**. pp 1-12 {IF 7.8}

3. **Khan T**, Abbasi BH, Khan MA and Shinwari ZK. *Differential effects of thidiazuron on production of anticancer phenolic compounds in callus cultures of Fagonia indica*. Applied Biochemistry and Biotechnology. **2016**. {IF 1.6}.
4. **Khan T**, Abbasi BA, Khan MA and Shams AN. *Why Pakistan is a threat to the Polio Endgame strategic plan 2013-2018? A look into the past decade*. Editorial. International Journal of infectious diseases. **2016**. {IF 2.159}
5. Mashwani ZR, **Khan T**, Khan MA and Shams AN. *Synthesis of plant based silver nanoparticles as potent antimicrobial agents: Current status and future prospects*. Applied Microbiology and Biotechnology. **2015**. pp 1-12 {IF 3.337}
6. Adil M. **Khan T**. and Abbasi BH. *Interactive effects of melatonin and light on growth parameters and biochemical markers in adventitious roots of Withania somnifera L*. Plant cell tissue and Organ culture. **2015**. { IF 2.125}
7. **Khan T**, Qazi J. *Measles hectic in Pakistan; Upsurge versus the lurking vaccination*. Journal of Pakistan Medical Association. **2015** Feb;65(2):213-4. {IF 0.403}
8. **Khan T**, Qazi J. *Measles outbreaks in Pakistan snatched hundreds of lives: Causes of the tragedy and future implications*. Journal Epidemiology Reports. **2014**.
9. **Khan T**, Qazi J. *Hurdles to the global antipolio campaign in Pakistan: an outline of the current status and future prospects to achieve a polio free world*. Journal of Epidemiology and Community Health. **2013**. {IF 3.89}
10. Ali A, Nisar M, Idrees M, Ahmad H, Hussain A, Rafique S, **Khan T**. *Prevalence of HBV infection in suspected population of conflict-affected area of war against terrorism in North Waziristan FATA Pakistan*. Infect Genet Evol. **2012** Dec;12(8):1865-9. {IF 2.8}
11. **Khan T**. *Hepatitis C therapies: A chronology of Past, Present and Future Strategies*. Journal of GHR. **2012**;1(11):289-96

Submitted articles:

1. **Khan T**, Abbasi BH, and Ali GS. *Synergistic enhancement of antimicrobial silver nanoparticles synthesis through Melatonin and Thidiazuron supplementation in callus cultures of Fagonia indica*. RSC Advances.
2. Ali M, Fatima K, Ali Q, **Khan T**, Ovais M, Ullah I, Shinwari ZK, Idrees M. *Hepatoprotective herbal medicines: Evidences from Ethnomedicinal uses, animal models and cell culture systems*. Phytotherapy Research.
3. **Khan T**, Abbasi BH, Iqrar I and Shinwari ZK. *Molecular characterization and control of endophytic bacterial contaminants during in vitro cultures of Fagonia indica*. 3 Biotech.

Conference papers:

Khan T, Abbasi BH, Shinwari ZK, *Poliovirus Surveillance in Pakistan: A Call for Enhancement*. Middle East and South Asia Conference on Epigenetics and Genomics of Infectious Diseases. **March 7th-8th, 2016** Royal Scientific Society, Amman, Jordan.

CONFERENCES/TRAININGS ATTENDED:

1. 1st International three-day symposium on “current trends in biotechnology” arranged by Department of biotechnology, university of Malakand.
2. 3rd Annual Public Health conference “Social determinants of health: Issues and challenges in Pakistan” December 3-5, **2013**.
3. Member Young Pakistani Thinkers Assembly
4. International conference on “Applications of Molecular Biology to Medicine and Agriculture” August 20-22, **2013**.
5. Middle East and South Asia Conference on Epigenetics and Genomics of Infectious Diseases. **March 7th-8th, 2016** Royal Scientific Society, Amman, Jordan.
6. One day brainstorming session “**The Future is Now**” for Biotechnology. Organized by the Directorate of Science and Technology (DosT) and Cocos University Peshawar.

Conferences/Seminars/Workshops Organized:

1. Monthly Meeting titled “Making Pakistan Science Conscious” at Pakistan Academy of Sciences. **January 2015-December 2015**.
2. First International DNA Day celebrations/Poster Competition/DNA Model competition funded by the Office of Research, Innovation, and Commercialization at the platform of Scientific society of Biotechnology (SSB). **April 25, 2016**.

REFERENCES:

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Chairman

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