

CURRICULUM VITAE

Dr. Muhammad Tariq

1. Contact Information

Position: Associate Professor
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2. Academics Record

Ph.D. in Molecular Biology

Research Title: Positional Cloning of DFNB 35 Locus
Centre of Excellence in Molecular Biology (CEMB),
University of the Punjab, Lahore

M.Phil. in Microbiology

Research Title: Isolation, identification, culturing and Characterization of *Bacillus thuringiensis* (Berliner)
Quaid-i-Azam University, Islamabad, Pakistan

M.Sc. Zoology

Research Title: Effect of Karate (Synthetic Pyrethroid) on the Immune Capabilities of *Channa punctatus* (Baloch)
University of the Punjab, Lahore

Bachelor of Science in Zoology, Botany, Chemistry

Govt. College, Lahore

F.Sc. in Pre-Medical

Govt. College, Lahore

Matriculation in Science

Govt. Islamia High School, Misri Shah, Lahore

3. Professional Experience

I. December 2010-Present

Assistant Professor of Zoology
Division of Science & Technology
University of Education, Lahore

II. January 1997- December 2010

Lecturer in Biology
Education Department
Govt. of the Punjab, Pakistan

4. Distinction Awards

- Certificate of Merit (Academic)
1st Division of M.Sc. Zoology
- Certificate of Merit (Academic)
Second Position in M.Sc. Zoology in the College

5. Executive and Administration Experiences

- Worked as Chairperson of Zoology Department
- Member Board of Studies, Division of Science & Technology
- Worked as Incharge Internal Examinations, Division of Science & Technology

6. Research Interests

- Molecular Biology-Genetic Diseases
- Micro Biology-Antimicrobial Evaluation

7. Skills

- ✓ Pedigree Analysis
- ✓ DNA Extraction
- ✓ Primer Designing
- ✓ PCR
- ✓ Genotyping
- ✓ DNA Sequencing
- ✓ Microbiological Techniques (Isolation, Culturing, Antimicrobial Evaluation)

8. Publications

- 1- Mutations of *ESRRB* encoding estrogen-related receptor beta cause autosomal-recessive nonsyndromic hearing impairment DFNB35, Collin RW, Kalay E, **Tariq M**, Peters T, van der Zwaag B, Venselaar H, Oostrik J, Lee K, Ahmed ZM, Caylan R, Li Y, Spierenburg HA, Eyupoglu E, Heister A, Riazuddin S, Bahat E, Ansar M, Arslan S, Wollnik B, Brunner HG, Cremers CW, Karaguzel A, Ahmad W, Cremers FP, Vriend G, Friedman TB, Riazuddin S, Leal SM, Kremer H. *Am J Hum Genet.* 2008 Jan;82(1):125-38. DOI: 10.1016/j.ajhg.2007.09.008. **IF: 10.153**
- 2- Autosomal recessive nonsyndromic deafness locus *DFNB63* at chromosome 11q13.2-q13.3, Khan SY, Riazuddin S, **Tariq M**, Anwar S, Shabbir MI, Riazuddin SA, Khan SN, Husnain T, Ahmed ZM, Friedman TB, Riazuddin S. *Hum Genet.* 2008 Feb;120(6):789-93. DOI: 10.1016/j.ajhg.2007.09.008. **IF: 3.662**
- 3- Prevalence of Known Risk Factors in Women Diagnosed with Breast Cancer at Inmol Hospital, Lahore, Punjab, Mansha M, Saleem M, Wasim M, **Tariq M**. *Asian Pac J Cancer Prev.* 2016;17(2):563-8 DOI: <http://dx.doi.org/10.7314/APJCP.2016.17.2.563>. **IF: 2.514**
- 4- Problems encountered in bicistronic IRES-GFP expression vectors employed in functional analyses of GC-induced genes, Muhammad Mansha, Muhammad Wasim, Christian Ploner, Abrar Hussain, Asma Abdul Latif, Muhamma Tariq, Anita Kofler, *Molecular Biology Reports*, December 2012, Volume 39, Issue 12, pp 10227-10234, DOI: 10.1007/s11033-012-1898-z. **IF: 2.509**

- 5- SE33 locus as a reliable genetic marker for forensic DNA analysis systems, Munir Ahmad BHINDER, Muhammad Yasir ZAHOOR, Haleema SADIA2, Muhammad QASIM, Rukhsana PERVEEN, Ghulam Murtaza ANJUM, Muhammad IQBAL, Najeeb ULLAH1, Wasim SHEHZAD, **Muhammad TARIQ**, Ali Muhammad WARYAH, Turk J Med Sci (2018) 48: 611-614 c TUBITAK DOI:10.3906/sag-1801-21. IF: 0.497
- 6- Junctional Epidermolysis Bullosa (Non-Herlitz Type), Munir Ahmad Bhinder, Muhammad Waqar Arshad, Muhammad Yasir Zahoor, Wasim Shehzad, **Muhammad Tariq** and Imran Shabbir, Journal of the College of Physicians and Surgeons Pakistan 2017, Vol. 27 (5): 308-310. IF: 0.353
- 7- Breeding performance and disease profile of six peafowl species in captivity at Jallo breeding center, Lahore. **Muhammad Tariq**, Nayab Saleem Butt, Muhammad Mansha and Munir Ahmad Bhinder. Pure Appl. Biol., 8(1): 312-320, March, 2019, DOI: <http://dx.doi.org/10.19045/bspab.2018.700190>.
- 8- Identification of Endogenous “Bimbam” A novel GC-inducedBH3-Domaincontaining Isoform through 2D Gel Electrophoresis. Muhammad Mansha, **Muhamma Tariq** & Muhammad Wasim. BIOLOGIA(PAKISTAN), June, 2016, 62 (1),37-43.
- 9- Analysis of biological potential of Aromatic Hydrazones as Novel Therapeutic Agents. MUHAMMAD MANSHA, MAIRA HAFEEZ, QAMAR ALI, ABRAR HUSSAIN, **MUHAMMAD TARIQ** & ATIF YAQUB. BIOLOGIA (PAKISTAN), ISSN: 2313-206X, December, 2018, 64 (II), 289-296.
- 10- Bio-screening of Chalcone and Aurone Analogues as Therapeutic Agents, MUHAMMAD MANSHA, QAMAR ALI1, UROOJ FATIMA DILAWARI1, ABRAR HUSSAIN1 & **MUHAMMAD TARIQ**, BIOLOGIA (PAKISTAN), ISSN 2313-206X, December, 2019, 65 (II), 309-316.
- 11- A note on the fish fauna of the River Zhob, Pakistan. M. Ramzan Mirza, Naeem Javed and **M.Tariq**. Pakistan J. of Zoo.,Vol. 26 (2), pp.189-189, 1994. IF: 0.79.
- 12- Effect of polyphenols supplemented canola meal based diet on growth performance, nutrient digestibility and antioxidant activity of common carp (*Cyprinus carpio* Linnaeus, 1758) fingerlings, Syed Makhdoom Hussain, Hina Gohar, Azhar Rasul, Muhammad Mudassar Shahzad, Afia Muhammad Akram, **Muhammad Tariq**, Majid Hussain, Mukhtiar Ali, And Anam Khalid, Indian J. Fish., 67(1): 72-79, 2020.
- 13- Improvement in overall performance of Catla catla fingerlings fed phytase included low cost plant by products-based diet, Muhammad Mudassar Shahzad, Syed Makhdoom Hussain, Majid Hussain, **Muhammad Tariq**, Nisar Ahmed, Muhammad Furqan, Fatima Khalid, Tahir Rafique, Saudi Journal of Biological Sciences, Volume 27, Issue 8, August 2020, Pages 2089-2096.
- 14- Effect of Karate (Synthetic Pyrethroid) on the Immune Capabilities of *Channa punctatus* (Baloch). M. Sharif Mughal, **M. Tariq**. Proceedings Pakistan Congress of Zoology., Vol. 13, pp.79-81,1993.
- 15- Muhammad Hassan Naseem¹, Muhammad Mansha, **Muhammad Triq** and Peter C. Thomson, (2022). Analysis of Shisha Smoking Effect on Haematological Indices in Adult Smokers. Pakistan J. Zool., Vol. 54, (6), 2783-2789.

