

Name: Dr. Shaheena Anwar
Designation: Assistant Professor
Qualifications: PhD (Health Sciences), AKU, Karachi
MSc (Microbiology), University of Karachi
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Profile:

Dr Shaheena Anwar, Assistant Professor has more than 11 years of teaching, research and administrative experience. She also served Aga Khan University (AKU) as Instructor for research in Fetomaternal Medicine and Neonatal Health, Obs & Gyn, where she was involved in building research capacity, supervise departmental research proposals and obtain their approval from DRC (Departmental Research committee) and ERC, analyze clinical research data, interpret results, research write up, managed grants and supervise Clinical fellows of Fetomaternal Medicine and Neonatal Health, AKU. She also led, coordinate and evaluate international/national studies such as INTERBIO21st, IAEA (International Atomic Energy Agency) funded project, Registry for Birth Defects, Karachi alongside other hospital based retrospective studies. Before this, she worked as teaching assistant for PhD students, Tutorial facilitator for Masters students and Secondary supervisor for MBBS students at AKU. She also underwent full training from all six departments of Clinical lab at AKU.

She was also a visiting faculty at SZABIST. In addition, she has given several guest lectures on various topics pertaining to nutrition and biostatistics.

Research Interest:

1. Antimicrobial analysis of plant extract
2. Intervention studies especially role of supplementation in humans
3. Nutri-genetics
4. Effect of genetic polymorphisms on vitamin D pathways
5. Exercise physiology

Selected Publications:

1. Mubashir M, **Anwar S**, Tareen AK, Mehboobali N, Iqbal K, Iqbal MP. Association of Vitamin D deficiency and VDBP gene polymorphism with the risk of AMI in a Pakistani population. **Pak J Med Sci**. 2017;33(6):1349-1354. doi: <https://doi.org/10.12669/pjms.336.13379>
2. **Anwar, S.**, Iqbal, M. P., Azam, I., Habib, A., Bhutta, S., Soofi, S. B., & Bhutta, Z. A. (2016). Urban and rural comparison of vitamin D status in Pakistani pregnant women and neonates. *Journal of Obstetrics and Gynaecology*, 36(3), 318-323. doi: 10.3109/01443615.2015.1050647
3. **Anwar S**, Iqbal MP, Zarina S, Bhutta ZA. Evolutionary journey of the Gc protein (vitamin D-binding protein) across vertebrates. **Intrinsically Disordered Proteins**. 2013; 1:92 - 91; <http://dx.doi.org/10.4161/idp.27450>.
4. Faizi S, Mughal NR, Khan RA, Khan SA, Ahmad A, Bibi N, **Ahmad SA**. 2003. Evaluation of the antimicrobial property of *Polyalthia longifolia* var. Pendula: Isolation of a lactone as the active antibacterial agent from the ethanol extract of the stem. **Phytotherapy Research** 17: 1177-1181