

Name: Dr. Affhan Shoaib
Designation: Assistant Professor
Qualifications: Ph.D. in Biochemistry and Molecular Biology
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Profile:

Dr. Affhan Shoaib, Assistant Professor, and an HEC Approved Ph. D. supervisor, obtained Ph. D. in Biochemistry and Molecular biology from Dalian Medical University, P.R. China. He got 3rd position in MSc. (2009) in the Department of Microbiology, University of Karachi. He also served International Center for Chemical and Biological Sciences (ICCBS) as an Assistant Professor.

He is currently working on evaluating the role of gut microbiome in the development of neurological ailments (Gut-brain axis). His research interest is focused on the impact of bacterial infections / diet and use of antibiotics on gut microbial ecosystem and the use of probiotics for cure and treatment. His is also working to explore antimicrobial potential of natural compounds and probiotics against aero-gastric infections.

Research Interest:

Gut microbiome and Probiotics

Selected Publications:

1. Shoaib A, Dachang W and Xin Y (2015). Determining the role of a probiotic in the restoration of intestinal microbial balance by molecular and cultural techniques. *Genet. Mol. Res.* 14 (1): 1526- 1537.
2. Affhan S, Dachang W, Xin Y and Shang D (2015). Lactic acid bacteria protect human intestinal epithelial cells from *Staphylococcus aureus* and *Pseudomonas aeruginosa* infections. *Genet. Mol. Res.* 14 (4): 17044-17058.
3. Shoaib A, Saeed G and Ahmad S (2014). Antimicrobial activity and chemical analysis of some edible oils (Clove, Kalonji and Taramira). *Afr. J. Biotechnol.* 13 (46): 4347- 4354.
4. Shoaib, A., Xin, L., Xin, Y. (2019). Oral administration of *L. acidophilus* alleviates exacerbations in *Pseudomonas aeruginosa* and *Staphylococcus aureus* pulmonary infections. *Pak. J. Pharm. Sci.* 32 (4): 1621-1630