# BIOGRAPHY-- DR ANJUM NASIM SABRI

After completing her PhD in 1997 in BOTANY with specialization in Microbial and Molecular Genetics, she joined Lahore College for Women University, Lahore. There she taught graduate and postgraduate classes with main focus on research and teaching in Microbiology. Then she joined University of the Punjab on August, 2000 and appointed as Professor in 2010 and since 2011, working as a Director of the Institute. In addition , she is working as Chairperson, Doctoral program coordination committee, and also as a Chairperson, Biosafety Bioresource Committee, University of the Punjab.

She is HEC recognized PhD supervisor and 11 students have successfully completed their Ph.D research work under her supervision and 07 are currently working. Till now she guided 53 B.S/MSc, 37 M.S/M.Phil research theses. She has published 102 research papers in journals of national and international repute.

She won several awards including Third Prize, Biofound, promoting Innovative Talent by Pakistan congress of Zoology, Appreciation Awards for working as a Resource person in Punjab Science Olympiad, 2008-2010 from Ministry of Education and Intel Education, ISEF . Quaid-e Azam Gold medal. Her mentee research student got first position in the Punjab Science Olympiad 2008 in Punjab district.

She is currently working on Bacterial biofilms with special emphasis on Environmental Bacteriology Biotechnology. In environmental bacteriology the focus is on heavy metal resistant bacteria and their use as bioremediation of polluted environment. She is successful in developing cost effective technology for the detoxification of chromium, arsenic, selenium and lead in the polluted environment using bacteria. Whereas in biotechnology work is concentrated on plant microbe interaction. Other aspect of her research is the use of bacterial strains from biofilms for the growth improvements of various economically important cash crops such as wheat, sunflower, Mungbean, Cicer, Lens under NaCl stress etc. She is also investigating the role of bacterial biofilms in causing dental plaques, related dental diseases, cardiac diseases, stomach ulcer and otitis media and their effective control by use of medicinal plants and various extracts from actinomycetes. She is also working on association of filamentous, non-filamentous cyanobacterial, strains for biofilm formation. She is in search off determining the role of effect of active gradients of several medicinal plants against biofilm forming bacteria.

She has attended and presented research papers in 88 conference, symposium, seminars, workshop, exhibitions and competitions. She served as a resource person/ invited speakers in 18 different scientific events. She has actively organized 77 conferences, exhibitions and seminars.