

SHAHARYAR ALI

Department of Biochemistry

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 Basti Haddaan -Wali p/o Shujabad Multan

ABOUT ME

To pursue an impactful and innovative role in Biochemistry and Life Sciences, leveraging a strong dedication to advancing commercially available biochemical techniques and pioneering green and ecologically sound systems. Committed to contributing to sustainable development through cutting edge research and eco-friendly solutions while driving progress in the scientific and commercial landscape.

EDUCATION

Intermediate

Government Degree College for Boys, Shujabad | 2017-2019

I am gained 772 out of 1100, which is approximately 70.18%. This clearly reflects my strong academic performance and dedication. I am proud to say that I am one of the best students in my class. My consistent efforts, focus, and commitment towards learning continue to set me apart from others

Bs Biochemistry

Government College University of Faisalabad| 2019-2023

I am gained 3.45 CGPA out of 4.00, which equals approximately 86.25%. This outstanding performance is a result of my dedication and strong academic discipline. I am considered a brilliant student in my department and have the honor of serving as the Class Representative (CR), where I actively support my peers and maintain communication between students and faculty

WORK EXPERIENCE

Tehsil Headquarter Hospital Pathology Department, [Shujabad, Pakistan] Sep 2023 – Sep 2024.

Full Time Job

I applied my biochemical knowledge to perform diagnostic tests with precision, ensuring accuracy and reliability in all results. I conducted both routine laboratory examinations and specialized biochemical analyses on patient samples. Working closely with a multidisciplinary team, I contributed to the interpretation of test outcomes, offering valuable diagnostic insights. I was responsible for maintaining laboratory equipment to ensure optimal performance while strictly adhering to safety and quality standards. Additionally, I assisted in the development and optimization of new testing procedures and protocols to improve diagnostic efficiency.

Internship

I gained hands-on experience in conducting biochemical tests and analyses within a hospital setting, enhancing my practical understanding of clinical diagnostics. I assisted in the preparation and processing of patient samples for a variety of diagnostic procedures, ensuring efficient workflow and adherence to protocols. Collaborating with senior biochemists, I played a supportive role in ensuring the accuracy and reliability of test results. I also contributed to the maintenance and calibration of laboratory equipment, helping to uphold high standards of performance and safety.

KAIMS International Institute Multan [Shujabad, Pakistan] (oct 2020 – mar 2021)

Internship

During my internship at KAIMS International Institute in Multan, I was actively involved in teaching Biochemistry and Biotechnology students. I delivered lectures, assisted in practical sessions, and supported students in understanding complex biochemical concepts. My role also included helping to design and evaluate lab exercises, ensuring that students gained both theoretical knowledge and practical skills. Through this experience, I strengthened my teaching abilities and contributed to creating an engaging and academically enriching environment for future scientists.

TECHNICAL & EXPERIMENTAL SKILLS

- **Laboratory Skills:** Proficient in conducting biochemical tests, analyses, and maintaining laboratory equipment, with experience in diagnostic procedures.
 - **Research and Analytical Skills:** Strong ability to design, conduct, and analyze research projects, as demonstrated by your thesis work and internship.
 - **Communication Skills:** Effective communicator with experience in delivering news segments and reports as an anchorperson, along with public speaking and presentation skills
 - **Event Management:** Skilled in organizing and managing events, coordinating with different organizations, and ensuring successful execution.
 - **Time Management:** Able to efficiently manage myself and multitask, balancing academic work, research, internship responsibilities, and extracurricular activities
 - **Bioinformatics cs Tools:** Experienced in using NCBI, Ensemble Genome Browser, UCSC Genome Browser, BLAST, and Gene Cards for gene identification and sequence analysis.
 - **Software Proficiency:** Proficient in Microsoft Word, Excel, and PowerPoint for data analysis, documentation, and presentation creation.
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Academic Projects

- Assessment of Drinking Water from Pir Mehla as a Reservoir of *Salmonella Typhi*
 - Prevalence of Different infectious diseases and their diagnosis. (Typhoid Fever).
 - Manufacturing Red Rose Oil by Solvent Extraction and studying its Impacts on Human behavior.
 - Manufacturing of biodiesel from Castor seeds with the help of organic solvents.
 - Manufacturing of Ointment to reduce Skin Rash in HIV/AIDS and Hepatitis patients
 - Determination of Cancer Protein Saponin C 3D structure, amino acid sequence
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CONFERENCES AND SEMINARS

- 1st position on 1st regional seminar on awareness of viral diseases, Poster presentation at Kaims International Institute, Multan
 - 4th International Conference on biological and medical sciences (ICBMS23)
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HONORS & ACHIEVEMENT

- Received a scholarship in recognition of my academic achievement, securing 909/1100 in Matricula.
 - Hosted the school assembly for 2 years during my FSC, earning a certificate of recognition for demonstrating strong leadership and public speaking abilities.
 - Awarded a certificate of performance in the seminar on Awareness and Prevention of Infectious Diseases
 - Awarded with a certificate for hosting the 1st Regional Conference on "**Recent Advances in Research 2023**"
 - Awarded with a certificate of poster presentation on the Prevalence Assessment of Drinking Water from Pir Mahal as a reservoir of *Salmonella typhimurium*, an environmental survey.
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LANGUAGE

- English
 - urdu
 - SARAIKI
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RECOMMENDATIONS

Dr. Saira Saeed (PhD-Microbiology and Molecular Gene cs).
(Associate professor at Senior Faculty of Science, BZU Multan)

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