

CURRICULUM VITAE

AQEEL AHMAD

S/O

SHOUKAT ALI



Nationality: Pakistani

Domicile: Punjab

D.O.B: 3rd June, 1995

Marital Status: Single

Religion Islam

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Nankana Sahib Punjab, Pakistan

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CARRIER OBJECTIVES:

I am a Biotechnologist working on “**Biotechnology and Bioinformatics**” research field along with Molecular Biology. Always looking for a challenging and rewarding future in a healthy and competitive organization and to prove my will-power, resolution and mental make-up both as a team player as well as a leader through sheer hard work and dedication is the ambition of my life. I offer my enthusiasm, dynamism and commitment for achieving the goal with the following:

ACADEMIC QUALIFICATION:

<u>DEGREE</u>	<u>PASSING YEAR</u>	<u>SUBJECTS</u>	<u>INSTITUTE</u>
MS/ MPhil	2019	<i>Biotechnology</i>	UNIVERSITY OF CENTRAL PUNJAB LAHORE
BS (Hons)	2016	<i>Bioinformatics & Biotechnology</i>	GOVERNMENT COLLEGE UNIVERSITY FAISALABAD
HSSC	2012	<i>Pre- Medical</i>	SUPERIOR GROUP OF COLLEGES LAHORE
SSC	2010	<i>Science</i>	HIRA PUBLIC HIGH SCHOOL NANKANA SAHIB

MS/ MPhil Thesis Title:

*IN-SILICO AND IN-VIVO PHYTOCHEMICAL ANALYSIS OF MALUS PUMILA
CIDER VINEGAR ON HYPERURICEMIA*

PROFESSIONAL WORK EXPERIENCES:

- ❖ **Lecturer Biotechnology** in University of Central Punjab Since 1-4 Oct-2019
- ❖ Worked as **Research associate** at University of central Punjab, Lahore Pakistan. (One Year)
- ❖ **One Year** worked experience as **Researcher** in Lahore Tissues Culture Lab R&D department, A project of Will Labs Hi-Tech fertilizers.
- ❖ **Two Years'** experience as **Biology Lecturer** at ILM-E-NOOR College of Science Faisalabad
- ❖ **Two Years'** experience of teaching as **Subject's teacher** Biology and Chemistry at Allied School Faisalabad Branch.

CURRICULUM VITAE

DISTINCTATIONS/

AWARDS:

- ❖ Got **A Grade** in MS Degree
- ❖ Got **Best teacher award** Of the year 2017 (Biology)
- ❖ Got 3rd Position in Poster Competition

EXTRA- CURRICULAR ACTIVITIES:

- ❖ **Class Representative** of MS Program 2017-2019 University of Central Punjab
- ❖ **Class Coordinator** of BS Program 2012-2016 Govt. College University Faisalabad
- ❖ **Silver medal and Gold medal** in “HIGH JUMP” in inter departmental annual sports competition in 2014.
- ❖ **Bronze medal** in “4×100 RALLY RACE” in inter departmental annual sports competition in 2014 and 2015.

HOBBIES:

- ❖ **Research work**
- ❖ **Sports**
- ❖ **Tourism**
- ❖ **Social Work**
- ❖ **Teaching**

LANGUAGES:

- ❖ English
- ❖ Urdu
- ❖ Punjabi

MAJOR SUBJECTS:

- ❖ HEALTH AND INDUSTRIAL BIOTECHNOLOGY
- ❖ BIOINFORMATICS
- ❖ MICROBIOLOGY
- ❖ PROTEIN STRUCTURE, FUNCTIONS AND ENGINEERING
- ❖ STEM CELL AND TISSUES CULTURE
- ❖ MOLECULAR BIOLOGY AND CELL BIOLOGY
- ❖ WEB & DATABASE DESIGNING
- PYTHON
- C++, ACCESS, MYSQL, GRAPHIC DESIGNING, ADOBE
- ❖ PROTEOMICS

PROFESSIONAL TRAINING / COURSES:

Three Days Hands-On Training Workshop “Recombinant DNA Technology and Bioinformatics	25-27 June, 2019	Organizer	University of Central Punjab Lahore
Poster Competition in Three Days Hands-On Training Workshop Recombinant DNA Technology and Bioinformatics	25-27 June, 2019	Participant	University of Central Punjab Lahore
New Horizons and Recent Advancement in Chemicals	Feb 14, 2013	Organizer	Govt. College University, Faisalabad
Symposium on Prospects for a Glorious Pakistan	Dec 12, 2012	Participant	Govt. College University, Faisalabad

LAB EQUIPMENTS AND RESEARCH TECHNIQUES:

- ❖ During my Three (3) years of research work, I have learnt a number of techniques including:
- ❖ RNA/ DNA extraction, cDNA synthesis & Cloning, Primer Designing, PCR and RT-PCR optimization.
- ❖ I am proficient in using different bioinformatics tools like BLAST, CLUSTAL, Restriction Mapper, Primer 3, Just BIO, Docking and PDB, PYMOL,

CURRICULUM VITAE

REFERENCES:

Name:

Dr. Muhammad Naveed

Organization:

University of Central Punjab

Designation:

Assistant Professor
Biotechnology

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Contact:

0092-3015524624

Name:

Dr. Azmat Ullah khan

Organization:

University of Central Punjab

Designation:

Assistant Professor
Microbiology

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Contact:

0092-3218897425

Name:

Shakeel Ahmed

Organization:

Technical Education &
Vocational Training
(TEVTA)

Designation:

Assistant Director Admin

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- ❖ PROCHECK, KIGG, MEGAX, Bio Edit, STRING, Molecular Modelling and docking, NCBI tools Sequin, BankIT etc
- ❖ I am very experienced in doing Transformation, expression and analysis (Electrophoresis and, phylogenetic analysis).

SEQUENCE SUBMITTED IN NCBI GENBANK DATABASE:

I have submitted around 16 sequences to NCBI databank and got Accession numbers for four (4) 18S ribosomal RNA genes of *Aspergillus Niger* strain with following accession numbers remaining under process.

- ❖ [MK368738](#)
- ❖ [MK368739](#)
- ❖ [MK368740](#)
- ❖ [MK368741](#)

RESEARCH PUBLICATION:

1. [Aqeel Ahmad](#), Abubakar Ahmed, Ramsha Essa, Shanzay Baber, Arooj Jamshed, Almeera Shoukat, Tasleem Younas, Mushtaq A. Saleem and Muhammad Naveed*. 2019. *In-Silico* Analysis of Grapevine Germin like Protein (VvGLP3) and its Probable Role in Defense Against Powdery Mildew Disease. Life Sciences Journal of Pakistan (LSJP). **(Published)**
2. [Aqeel Ahmad](#), Muhammad Naveed* and Abubakar Ahmed, Almeera Shoukat and Abdual Samad Mumtaz. 2019. In-vivo and in-silico phytochemicals analysis of Malus Pumila cider vinegar on xanthine oxidase in hyperuricemic model. Pakistan Journal of Botany. **(Accepted)**
3. Abubakar Ahmed, [Aqeel Ahmad](#), Almeera Shoukat and Muhammad Naveed*. 2019. Phytochemical Analysis and Effect of *Cucurbita Maxima* Extract on Xanthine Oxidase. Current Pharmaceutical Analysis. **(Under Review)**
4. Fatima Tahir, [Aqeel Ahmad](#) and Muhammad Naveed. 2019. Computational and Functional Analysis of Hypodermin C Protein: A Safari towards Vaccine development. Pakistan Journal of Zoology. **(Accepted)**
5. Amreen Zahra, Pakeeza Rubab, [Aqeel Ahmad](#), Mushtaq A. Saleem, Muhammad Naveed*. 2019. In-Silico Analysis of GAG-POL Fusion Protein in Human Immune Deficiency Virus. Pakistan Journal of Pharmaceutical Sciences (PJPS). **(Under Review)**
6. Tasleem Younas, Muhammad Naveed*, Komal Imran, [Aqeel Ahmad](#). 2019. Molecular and Computational Elucidation of Bacterial Enzymes Responsible for Inducing Antibiotic Resistance with their Potential Inhibitors. Saudi Journal of Biological Sciences. **(Submitted)**