**AMMARAH AEMUN**

Nationality: Pakistani.

Marital Statues: Married

Date Of Birth: July, 1991.

Languages: English, Urdu.

**Objective**

To pursue my career as an outstanding professional in a challenging and dynamic environment that enables me to nurture and boost my skills to the utmost as well as explore new avenues to enhance myself as a professional while contributing to the organization’s success.

**Education**

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| 2014 | M.Sc. Microbiology and Molecular Genetics | department of Microbiology and Molecular Genetics (MMG). University of the Punjab, |
| 2012 | B.Sc. Microbiology, Genetics, Biochemistry | Garrison College for Women, |
| 2010 | H.S.S.C. Pre-Medical | Government College for Women, |
| 2006 | S.S.C. Science Group | Khalid Secondary School, |

**M.Sc Dissertation**

Title: Proposed risk factors of myopia in the local population.

Supervisor: Dr. Saira Malik.

Description: It has been indicated that both environmental and genetic factors contribute to the development of myopia. Individuals with varying degrees of myopia were selected from the local population. The data regarding close work activities and the family history of nearsightedness were evaluated in detail to find most likely risk factors in the development of myopia. The coding exon of *SCO2* gene was sequenced for the selected individuals.

**Memberships & Participations**

* Certificate of participation in the Bio-physiochemical basis for Technopreneurship held at the University Of Punjab, Lahore.
* Certificate of participation in the workshop on basic Biosafety Measures in Research held at the University of Punjab, Lahore.
* Participation in one day hands on training on “ENDNOTE”arranged by Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore.
* Certificate of participation in a seminar on scientific writing: guidelines, issues and solutions held at the Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore.

**Technical Competencies**

**Microbiology:** Have knowledge in microbiological laboratoriespractice and techniques including: microscopy and aseptic techniques.

**Molecular Biology:** Knowledge of standard techniques including: DNA extraction, PCR, gel electrophoresis.

**Computer:** Have knowledge of standard applications such as Microsoft Windows, Word, Excel and PowerPoint.Have good knowledge of softwares like DNA STAR, Chromas Lite, Visual Molecular Dynamics. Familiar with websites like NCBI, Primer fox, OligoAnalyzer, NEBcutter V2.0, Restriction Mapper.

**Instrument Handled:** Have knowledge of handling instruments like: Incubator, Microscope, pH Meter, Centrifugation machine, Vortex machine, Water bath, Gel electrophoresis apparatus, Thermal cycler.

**Communication:** Have good communication skills and enjoy public speaking. Have good written communication skills, including the ability to write clear concise reports.

**Other:** I am a confident, motivated, and organized person. I enjoy working in challenging environment where I can continuously learn and extend myself. I have a fascination with all fields of science, but particularly microbiology (medical microbiology) and molecular biology (clinical genetics).

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