

RASHID BHATTI

Objective

To solve the challenging scientific problems that will lead to the discoveries in the field of science and technology.

Fields of Interest

- Molecular Genetics

Introduction

I did Master in Zoology from University of the Punjab, Lahore. Then I did my M.Phil from Centre of Excellence in Molecular Biology, Lahore. In my M.Phil, the topic of my research work was “Mutational Analysis of Connexin 26 in Pakistani Population”. Then I joined the National Centre of Excellence as a Research Officer in 2004. I got the Higher Education Commission scholarship in 2007 and now I am completing the Ph.D in the field of Molecular Genetics. The purpose of my Ph.D study is to find the molecular bases of congenital deafness and try to reduce the incidence in the next coming generations by genetic counseling. These studies may also help in future to find the remedy for congenital deafness.

Education

Doctor of Philosophy is continuing since 2007 in Centre of Excellence in Molecular Biology, Lahore [Pakistan].

Master of Philosophy, 2002- 2004 in Centre of Excellence in Molecular Biology, Lahore [Pakistan].

Course work studied:

General Molecular Biology
Recombinant DNA Technology
Immunology
Toxicology
Regulation of Gene Expression
Instrumentation
Bioinformatics

Master of science, 1998-2000 University of the Punjab, Lahore [Pakistan].

Course work studied:

Cell biology
Genetics
Biochemistry
Ecology

Physiology

Academic / Professional Experience

Working as a Research Officer in CEMB, University of the Punjab, Lahore since 2004.

Work Details

Experience in working in Molecular Genetics Lab and Molecular Virology Lab.

Molecular Tools

Experience in the following techniques:

DNA / RNA Isolation from body fluids

Polymerase Chain Reaction [PCR]

Gel Electrophoresis

Genotyping [through ABI™ 3730 and 3100 Genetic Analyzer(s)]

DNA Sequencing [through ABI™ 3730 and 3100 Genetic Analyzer(s)]

Spectrophotometry

Computer Skills

PLATFORMS	Windows [XP & 2000 Professional]
SYSTEMS	IBM Compatibles
PACKAGES	MS Office 2000 Professional, Power Page 2.4
GRAPHICS	Adobe Photoshop 5.5, Macromedia Freehand
INTERNET	Surfing
GENETIC ANALYZER SOFTWARES	Genescan® 3.7, Genotyper® 3.7 [for ABI™ 3730/3100 Genetic Analyzer]
PEDIGREE SOFTWARES	Cyrillic 3.1 and Haplopainter

Languages

Urdu, English and Punjabi.

References:

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