

AMIN UR REHMAN

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OBJECTIVE

I am keen to embark on a career where, an active member of a team of dedicated and ambitious people working on projects related to method I can serve in a challenging and dynamic environment towards a successful career, making the best out of my professional abilities and intellectual skills. Qualified for challenging and decision making assignments, I see myself as developments in Biotechnology/Bioengineering, and thereby enhance my knowledge and personality. I have a strong motivation to pursue career in frontier areas of Drug Development, Biopolymers, Nanobiotechnology and various Bioengineering techniques.

PERSONAL PROFILE

- Father's Name: Muhammad Sami Ur Rehman
- Date of Birth: 12-04-1984
- Passport #: CL9158402
- NIC #: 16101-4963840-3
- Domicile: Mardan (Khyber-Pakhtunkhwa)
- Religion: Islam
- Language: Pashto, Urdu, English
- Marital status: Married

SUMMARY OF QUALIFICATIONS

- 2009-2013 **M.Sc** (Biotechnology), Bioengineering in specialization), **Chalmers University, Sweden.**
- 2004-2008 **BS (Hon)** (Biotechnology), SUIT, Peshawar, Pakistan.
- 2002-2004 **F.Sc** (Pre-medical), B.I.S.E Mardan, Pakistan.
- 1999-2000 **Matric** (Science), B.I.S.E Peshawar, Pakistan.

EXTRA QUALIFICATION

- 2003 Diploma in **English Language**. SPEL, ANSI College, Mardan
- 2009 Diploma in **English Language**. DELS School, Mardan
- 2012 Special Course "**Confocal Laser Scanning Microscopy**" delivered by Dr. Sophia Wassen, SIK, organized by the Chalmers University Gothenburg Sweden

AQUIRED SKILLS

- Operated Confocal Laser Scanning Microscopy.
- Worked on HPLC and NMR techniques
- Worked on Homogenizer for production of emulsions.
- Worked on PCR, RT-PCR, DNA and RNA extraction
- Experienced in both Normal and reverse phase chromatographic techniques specially column chromatography, Thin layer chromatography (1D and 2D), SDS PAGE Gel Electrophoresis.
- Experienced in using Endnote for citation and bibliography management in thesis, research articles and short reports.
- Literature data bases like Scifinder, Chemspider, Scopus, ISI Web of Knowledge and PubMad etc.
- Expert in Microsoft Office applications (Word, Excel, PowerPoint etc), Data Base, and Computer Hardware as well as PowerPoint presentation skills.

RESEARCH INTERESTS

- Bio-chemical and chemical biology
- Bioengineering.
- Biopolymer Science
- Drugs formulation.
- Rheology of protein stabilized emulsions.

AWARDS

- Awarded as a student of the year for the session of 2005-2006
- Best Student Award at Chalmers University, Gothenburg, Sweden (2012)

EXPERIENCE

- **Trainee Researcher**
- Medicinal Botanical Center
- Pakistan Council of Scientific and Industrial Research Peshawar KPK Pakistan, (2008-2009)
- **Assistant Researcher**
- Cherewel Pharmaceutical (PVT) Ltd, Hatter Industrial State Pakistan(2013 to 2014)

SOCIETIES

- Member of the Chemical Society of Pakistan.
- Member of the Bioengineering Society of Pakistan.
- Member of Chalmers Islamic Foundation Gothenburg Sweden.

CONFERENCES/ SYMPOSIUMS ATTENDED

- 4th International and 13th national conference of Botany Shaheed Benazir Bhutto University Main Campus SheringalDir Upper (2014)
- Conference at Gothenburg university, Gothenburg Sweden held by Biopolymers and Biocomposite (2011)
- Conference at Chalmers university, Gothenburg Sweden by Protein engineering (2010)
- Annual conference onBreast cancer in Sweden Astra Zeneca Pharmaceutical Industry (2011)
- Annual conference onBio-materials in Sweden SIK Industry (2012)
- Conference, Sweden- Alzheimer diseases.Lund University, Sweden.
- Two days symposium on application of frontier technologies in documentation and conservation of biodiversity and climate change, organized by Shaheed Benazir Bhutto university, Sheringal collaboration with Quaid-e-Azam University, Islamabad at Wari sub campus, Dir Upper (Nov 29-30, 2013).

THESIS TITLES

MSc

- Design of biopolymers mixtures to enhance material functionality.

BS (Hons)

- Tissue culture studies on *Lycopersicon Esculentum* Mill.

REFERENCES

- **Dr. Anwar Hussain (Assistant Professor)**

Abdul Wali Khan University Mardan KPK Pakistan

Cell: 0092-937-929124, Email: anwarhpu@yahoo.com

- **Dr. Nasir Mehmood (Assistant Professor)**

Department of Biotechnology, Shaheed Benazir Bhutto University, Dir (Upper), Pakistan

Cell: 0092-3330525988, Email: nasirsikanderi@gmail.com

- **Dr. Farman Ali Khan (Assistant Professor)**

Department of Chemistry, Shaheed Benazir Bhutto University, Dir (Upper), Pakistan

Cell: 0092-3232317056, Email: alinuml@gmail.com

- **Dr. Midraullah (Chairman/ Assistant Professor)**

Department of Biotechnology, Shaheed Benazir Bhutto University, Dir (Upper), Pakistan

Cell: 0092-3239286061, Email: drmidrarullah@yahoo.com

LIST OF PUBLICATIONS

Published

1. **Amin-ur Rehman**, Nasir Mehmood Khan, Tai-Hua Mu, Zia Ullah Khan. (2014). Kinetics study with the help of confocal laser scanning microscopy of biopolymers mixture. ***Food Process Engineering, (Accepted, I.F 1.0).***