

# SEHRISH JABEEN

## M.Phil Applied Chemistry (UET, PAK)

### PERSONAL INFORMATION

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D/O	Muhammad Ashfaq
DATE OF BIRTH	08/02/1988
Address	House # 118, H-1, Wapda Town, Lahore
Tel #	042-35229143
Mobile #	03356053653
Email	bhc07m26@gmail.com
Marital Status	Single
Nationality	Pakistani
Religion	Islam

### CAREER OBJECTIVE

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To develop a career with a dynamic entity to secure my learning capabilities.

### ACADEMIC QUALIFICATION

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- **M.Phil in Applied Chemistry** **CGPA: 3.08**  
UET, Lahore.
- **BS (Hons) Chemistry & B.Ed.** **CGPA: 3.15**  
University of Education Township Campus, Lahore.
- **Fsc Pre Medical** **1<sup>st</sup> division**  
Fauji Foundation School & College, Khushab.
- **Matriculation** **1<sup>st</sup> division**  
Muslim Cambridge School, Khushab.

### ARTICLES PUBLISHED (2017)

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- 1) **Sehrish Jabeen**, Atif Islam, Abdul Ghaffar, Nafisa Gull, Ayesha Hameed Anbreen Bashir, Tahir Jamil, Tousif Hussain.

Development of a novel pH sensitive silsane crosslinked injectable hydrogels for controlled release of neomycin sulfate. **International Journal of Biological Macromolecule (I.F. = 3.657)**

2) Anbreen Bashir, **Sehrish Jabeen**, Nafisa Gull, Atif Islam, Misbah Sultan, Abdul Ghaffar, Shahzad Maqsood Khan, Sadia Sagar Iqbal, Tahir Jamil. Co-concentration effect of silane with natural extract on biodegradable polymeric films for food packaging. **International Journal of Biological Macromolecule (I.F. = 3.657)**

## RESEARCH AREA

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- Natural and synthetic polymers based hydrogels for *In-vitro* release of drugs,
- Synthesis and characterization of polymeric hydrogels for drug delivery systems and other biomedical applications
- Blends for packaging material using different extracts
- Controlled release of drug
- Synthesis of crosslinked hydrogels
- Anti-microbial properties and cytotoxicity/biocompatibility

## RESEARCH PROJECTS

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- 1) Study of biopolymer based hydrogels incorporated with silica for biomedical application
  - 2) Absorption study of Blue HF-RL onto ash collected from brick kiln
  - 3) Synthesis and characterization of derivative of Chitosan with benzoic acid
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## CHARACTERIZATION TECHNIQUE/ANALYSIS

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- Fourier Transform Infrared Spectroscopy (FTIR)
- UV-Visible Spectroscopy
- Thermogravimetric Analysis (TGA)
- Scanning Electron Microscopy (SEM)
- Cell toxicity and Biocompatibility Analysis
- Drug release analysis

## WORK EXPERIENCE

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**1)** Research Scholar in department of Polymer Engineering and Technology, university of the Punjab, Lahore

**18 July 2016- To Date**

**2)** Teaching experience at The Lahore Garrison School & College

**2011 -2014**

**3)** 4 weeks teaching practice in a private school

**May 2011**

## Symposiums/Conferences/Seminars/Workshops

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- 1)** Participated in the **2 Days Workshop on "Patent Filing & Introduction to Intellectual Property System of Pakistan"** on 17-18 May, 2017 at Khorana Hall, Institute of Chemistry, University of the Punjab, Lahore.
- 2)** Participated in the **6<sup>th</sup> Invention to Innovation Summit** on 8-9 March, 2017 at University of the Punjab, Lahore.
- 3)** Participated in **World Quality Day** 08 Feb, **2017**, Organized by Quality

## **PROFICIENCY**

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- 1)** Microsoft Office
- 2)** Internet Browsing
- 3)** Origin
- 4)** Endnote

## **KEY COMPETENCIES**

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- 1)** I have a positive attitude towards life and love to work
- 2)** Easily adapt myself with changing environment
- 3)** I like and carry on result-oriented strategies

## **REFERENCES**

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References will be provided on demand.

