



Zahid Abbas

📍 Permanent (P/O Dabkalan Tehsil Shorkot District Jhang, Faisalabad, Pakistan)

📍 Present (Via Montebello 7/3, Piano 6, Bologna, Italy)

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Gender: Male

| Date of Birth: 01-09-1991

| Nationality: Pakistan

EDUCATIONAL QUALIFICATION

Nov 2020–Oct 2023

PhD. in Chemistry

ALMA MATER STUDIORUM - University of Bologna , Bologna , Italy

Project Title : “Synthesis and Characterization of reinforced calcium phosphate scaffolds for bone regeneration”

Supervisors: Prof. Giuseppe Falini, Dr. Simone Sprio

Sep 2016–Dec 2018

M.Phil. in Chemistry

University of Agriculture, Faisalabad , Pakistan

Dissertation Title: “Optimization of physicochemical parameters for green synthesis of silver nanoparticles by using microorganism and evaluation of their antimicrobial potential”

Supervisor: Dr. Nazish Jahan

Dec 2011–Apr 2015

BS (HONS) in Chemistry

Govt. College University, Faisalabad, Pakistan

WORK EXPERIENCE

Nov 2020–Current

PhD Student at “ISTEC-CNR, Institute of Science and Technology for Ceramics, Faenza, Italy

“Design, development and characterization of calcium-phosphate-based biomaterials for bone regeneration in orthopedics, spinal and cranio-maxillofacial surgery”.

Sep 2016–Dec 2018

Student Research Assistant at Centre of Agricultural Biochemistry and Biotechnology (CABB), University of Agriculture, Faisalabad , Pakistan

“Green synthesis of Silver Nano particles using *E.Coli* and *B.Subtilus*, Evaluation of antimicrobial activity of Ag Nano Particles against gram positive and gram negative bacteria”.

Dec 2011–Apr 2015

Student Research Assistant at Govt. College University, Faisalabad,
Pakistan

“Synthesized Silver nanoparticles using plant for antioxidant and antibacterial application”

RESEARCH INTEREST

- Biomaterial for bone Regeneration
- Nano Medicine
- Green Chemistry

CONFERENCES/ SYMPOSIUM

- Receiving certificate of poster presentation on “Green synthesis of silver nanoparticles by using bacteria (*Escherichia coli* and *Bacillus subtilis*)” in conference on Chemistry and Nano Technologies on 17-18 January, 2018 in University of Agriculture, Faisalabad.
- Receiving certificate of poster presentation on “Green synthesis of silver nanoparticles and evaluation of their antimicrobial activity” in international conference on green Chemistry on 7-9 September, 2017 in Punjab University, Lahore.

SKILLS

- Expert in rotary evaporator
- Expert in Zeta Seizer and Zeta Potential
- Expert in NMR, UV-Vis Spectroscopy,
- Expert in Scanning Electron Microscopy (SEM)
- Expert in paper write up

ADDITIONAL INFORMATION

Certifications

- Online course Nanotechnology: A Maker’s Course from Duke University, NORTH CAROLINA
- Best Performance in academic from GCUF
- Three month course of Computer Applications and MS Office Suite; 2010
- Teachers Training; One month teacher training under Punjab government through Qaid-e-Azam Academy Lahore; 2018.



03-04-2021