

CURRICULUM VITAE

SABA RIAZ

Personal Information

Present Address: Khadanwala, Dakhana Ladoana, Nankana Sahib,
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LinkedIn www.linkedin.com/in/asmanawaz11
Date and Place of Birth: 20-12-1994, Nankana Sahib, Pakistan
Nationality: Pakistani
Marital Status: Married

Academic Qualifications

Ph.D. Zoology | Government College University Faisalabad *CGPA: 3.64/4.0 | (Sep '21 - May '25)*
Supervisor: Prof. Dr. Azhar Rasul
Lab: Cell and Molecular Biology Lab

Thesis: Targeting the 6-phosphogluconate dehydrogenase for the treatment of breast cancer metastasis

M. Phil Zoology | Government College University, Faisalabad *CGPA: 3.97/4.0 | (Oct '19 - Sep '21)*
Supervisor: Dr. Muhammad Asrar Chaudhary **Co-Supervisor:** Prof. Dr. Azhar Rasul
Thesis: Exploration of Antimicrobial, Antioxidant and Anti-hepatic cancer (HepG2 cells) Potential of Green Extraction Technology-based Pomegranate Peel Extract

M. Sc Zoology | University of Education, Lahore, Pakistan *CGPA: 3.49/4.0 | (Sep '17 – Sep '19)*

B.Sc. | University of Punjab, Lahore, Pakistan *MARKS: 437/800 | (Sep '15 – July '17)*

Professional Bibliography

Dr. Saba Riaz is a dedicated researcher and academic in the field of Zoology, with a strong focus on cancer biology and microbial diseases using plant or natural products. She completed her M.Sc. in Zoology from the University of Education Lahore in 2019, followed by an M.Phil. in Zoology from Govt. College University Faisalabad (GCUF) in 2019. She pursued her Ph.D. in Zoology at GCUF, completing it in 2024. Dr. Saba Riaz is currently working as a visiting lecturer at Baba Guru Nanak University Nankana Sahib (BGNU). Throughout her academic journey, she has contributed to research in her specialized areas, publishing book chapters and research articles. In addition, she has presented her work at various international conferences, further establishing her as a prominent figure in her research field..

Publications

Publications:

- **Saba Riaz**, Azhar Rasul, Matloob Ahmad, Muhammad Asrar, & Mudassir Hassan, M. (2024). Pomegranate Peel Extract as 6-Phosphogluconate Dehydrogenase (6PGD) Inhibitor for Treatment of Breast Cancer. Cell biochemistry and biophysics
- Sevki Adem., Azhar Rasul, **Saba Riaz**., Ayesha Sadiqa, Matloob Ahmad, Muhammad Shahid Nazir, & Mudassir Hassan (2024). Pyruvate kinase modulators as a therapy target: an updated patent review 2018-2023 in Expert opinion on therapeutic patents, 34(10), 953–962.
- **Saba Riaz**, Ayesha Sadiqa,., Rabia Zara., Mudassir Hassan., Ijaz Hussain., Sevki Adem., & Ravi Rawat. (2024). Stem

Cell Patentability: Legal Challenges. Trends in Intellectual Property Research, 2(1).

- **Saba Riaz**, Azhar Rasul, Muhammad Asif Khalil, Laiba Ameen, Komal Riaz, Samreen Gul Khan, Sevki Adem, Mudassir Hassan, Muhammad Javid Iqbal, Muhammad Asrar, Muhammad Yasir Ali, 2023, Cancer and Carcinogens published by CRC Press
- Ayesha Sadiqa, **Saba Riaz**, Azhar Rasul, Rabia Zara, Khudeja Afroz, Zunaira Saeed, Gul Bushra Khan, Khatereh Khorsandi, Muhammad Yasir Ali, 2023, Photodynamic Therapies for Cancer Treatment published by CRC Press
- Saddam Hussain, Azhar Rasul, Ghulam Hussain, Majeeda Rasheed, Maria Manan, Komal Riaz, **Saba Riaz**, Muhammad Asif Khalil, Ayesha Sadiqa & Sevki Adem. 2023, Physiological Significance of Oxidative Stress and Anti-oxidative System Published by Springer Nature
- Azhar Rasul, Ammara Riaz, Iqra Sarfraz, Samreen Gul Khan, Ghulam Hussain, Rabia Zara, Ayesha Sadiqa, Gul Bushra, **Saba Riaz**, Muhammad Javid Iqbal, Mudassir Hassan & Khatereh Khorsandi. 2022, Target Identification Approaches in Drug Discovery Published by Springer Nature

Professional Experience

- Working as a visiting Lecturer in Zoology Department, Baba Guru Nanak University Nankana Sahib, From 7-10-24 to June 30, 2025
- Working as a visiting Assistant Professor in Zoology Department, Baba Guru Nanak University Nankana Sahib, From 15-09-2025 to till date
- Worked as a science teacher in Kamil Foundation Faisalabad for 6 months.
- Worked as a science teacher in City Scholl Sheikhupura for 1 Year
- Run academy “ARSAA Ghang Road Sheikhupura” for 4 years.
- Gave home tuition to students for 10 years.

Teaching interest

- Physiology
- Animal form and function
- Entomology
- Research Methodology
- Economic Zoology

Research Interest

- Cell Culture Techniques
- Bacterial Culture
- Antimicrobial
- Antioxidant
- Extract and Natural Product Library Preparation
- Spectrophotometry
- Histopathology
- Protein extraction
- Western blotting
- Transformation
- Microscopy
- Animal Handling
- Culturing of Silkworms
- Molecular Docking Analysis
- Word processing (MS Word)
- Spreadsheet (MS Excel)
- Presentation (MS PowerPoint)
- Statistical package for social science (SPSS)
- Endnote
- Mendeley
- Turnitin

