

Curriculum Vitae: Rabia Anjum

Father's Name: Muhammad Munir Anjum
Marital Status : Single
Mobile No. : 0336-4079965
Email : rabiaanjum_2011@hotmail.com
Address : 476 G2, Wapda Town Phase 1, Lahore.

Aims & Objectives: To become part of a growth-oriented organization which provides me opportunities like continuous learning and to explore my creative abilities while contributing towards overall organizational success.

Education and Qualification:

Ph.D (2021-2024)	Ph.D Zoology Government College University (GCU), Lahore	Continued
M. Phil (2017-2019)	M. Phil Zoology Government College University (GCU), Lahore	81.96% CGPA: 3.38
BS (2013-2017)	BS (Hons) Zoology Lahore College for Women University (LCWU), Lahore	77.6% (CGPA: 3.49)
HSSC (2010-2012)	F.Sc (Pre-Medical) Govt. Islamia College for Women, Copper Road, Lahore	77.7% (A grade)
SSC (2008-2010)	Matriculation with science subjects P & T Model School for Girls, Multan Road, Lahore	83% (A+ grade)

Work Experience:

- Currently employed in Lahore Development Authority, Lahore as the assistant since October, 2021.
- Seven months teaching in subject of Science, Biology, History and Geography in Unique Group of Institutes from June 2021 to December 2021.
- Four months teaching in subject of Science and SST of Oxford in Allied School, Grace Campus from October 2019 to January 2020.
- One-year teaching in subject of biology in Reformer Public School, from November 2018 to September 2019.
- Six months teaching in the subject of biology and chemistry in Al-Suffah Academy from September 2018 to March 2019.

- Two years home tuitions teaching experienced for matric, intermediate and O/A level students.

Dissertations/ Laboratory Projects:

- “Neuroprotective effect of *Moringa oleifera* on mouse model of Parkinson’s disease” M.Phil Thesis. Department of Zoology, GCU, Lahore. 2019. Supervisor: Dr. Chand Raza, Assistant Professor at Zoology Department, GCU, Lahore.
- “Hepatoprotective effect of quercetin in albino mice against zinc oxide nanoparticle induced toxicity” Bs (Hons) Thesis. Department of Zoology, LCWU, Lahore. 2017. Supervisor: Dr. Husna Malik, Associate Professor at Zoology Department, LCWU, Lahore.

Paper Publications:

- Chand Raza, Hasib Amir Riaz, **Rabia Anjum** and Noor-ul-Ain Shakeel. Repair strategies for injured peripheral nerve. *Life Sciences* (impact factor: 3.647). Volume 243, 15 January 2020, Pages 117308.
- Chand Raza, **Rabia Anjum** and Noor-ul-Ain Shakeel. Parkinson's disease: Mechanisms, translational models and management strategies. *Life sciences* (impact factor: 3.647). Volume 226, 1 June 2019, Pages 77-90.

Abstracts Publications in Conference Proceedings:

- Chand Raza, Mehwish Faheem, Sehrish Mohsin and **Rabia Anjum**. 2021. “*Moringa oleifera* seed extract impart neuroprotection through antioxidant means in rotenone-induced Parkinson disease mouse model” in 4th International Conference on Innovative Biological and Public Health Research (IBPHR-2021) organized by Zoology department of GCU, Lahore on December 07-08, 2021.
- Sehrish Mohsin, **Rabia Anjum**, Chand Raza and Mehwish Faheem. 2021. “Seed extract of *Moringa oleifera* protects mice against rotenone-induced Parkinson disease motor impairments” in 4th International Conference on Innovative Biological and Public Health Research (IBPHR-2021) organized by Zoology department of GCU, Lahore on December 07-08, 2021.
- **Rabia Anjum**, Chand Raza and Mehwish Faheem. 2019. “*Moringa oleifera* induced neuroprotection reduces the rotenone-induced motor impairments in mouse model of Parkinson’s disease” in 3rd International Conference on Innovative Biological and Public Health Research (IBPHR-2019) organized by Zoology department of GCU, Lahore on November 13-14, 2019.
- Chand Raza, **Rabia Anjum**, Mehwish Faheem and Naqi Hussain. 2019. “Anti-oxidant capacities of *Moringa oleifera* rescue rotenone-induced Parkinson’s disease in mice” in International Conference of Punjab University 2019, Recent Innovations in Molecular Sciences held in Punjab University, Quaid-e-Azam campus November 06-08, 2019.
- Sumera Sajjad, Husna Malik, Laiba Saeed and **Rabia Anjum**. 2018. “In vivo hepatoprotective effect of quercetin against ZnO nanoparticles induced damage in

albino mice” in 38th Pakistan Congress of Zoology (international) held in Punjab University, Quaid-e-Azam campus on February 27 - March 1st, 2018.

Poster Presentation:

- Present a poster title: “Anti-oxidant capacities of *Moringa oleifera* rescue rotenone-induced Parkinson’s disease in mice” in International Conference of Punjab University 2019, Recent Innovations in Molecular Sciences held in Punjab University, Quaid-e-Azam campus 06-08 November 2019.
- Present the poster titled: “*Moringa oleifera* as biopesticide” in one day workshop on Insecticide Resistance and Possible Solutions organized by Zoology department of GCU, Lahore on October 10, 2018.

Workshops, Seminars and Training Courses:

- Attended Two-day workshop on “Promoting Research Excellence in Academics across Pakistan” at Higher Education Commission, Pakistan, on Wednesday February 02, 2022
- Attended 4th International Conference on Innovative Biological and Public Health Research (IBPHR-2021) organized by Zoology department of GCU, Lahore on December 07-08, 2021.
- Attended 3rd International Conference on Innovative Biological and Public Health Research (IBPHR-2019) organized by Zoology department of GCU, Lahore on November 13-14, 2019.
- Attended one day workshop on Isolation of Silk Sericin and Its Applications in Textile and Leather Industry organized by Department of Zoology, GCU Lahore on November 13, 2019.
- Attended an International Conference of Punjab University 2019, Recent Innovations in Molecular Sciences held in Punjab University, Quaid-e-Azam campus November 06-08, 2019.
- Attended a national workshop on Bioinformatics and Statistical Data Analysis organized by Zoology department of GCU, Lahore on March 12, 2019.
- Participate in international seminar on Fisheries and Aquaculture organized by Zoology department of GCU, Lahore on February 01, 2019.
- Participate and present the poster in one day workshop on Insecticide Resistance and Possible Solutions organized by Zoology department of GCU, Lahore on October 10, 2018.
- Participate in World Otter’s Day Celebration organized by Zoology department of GCU, Lahore on June 01, 2018.
- Participate on one day workshop on sericulture organized by forest department of Punjab on February 22, 2018.
- Attended 2nd International Conference on Innovative Biological and Public Health Research (IBPHR-2017) organized by Zoology department of GCU, Lahore on December 06-07, 2017.

- Attended International Conference on “Latest Trends in Domestic and Wild Animal Genomics and Biotechnology” organized by molecular biology department Virtual University of Pakistan on November 21-21, 2017.
- Participated in “Model making Competition on Biodiversity” organized by Department of Zoology LCWU, Lahore on May 27, 2016.
- Attended International Aqua Culture Conference organized by American Soybean Association in association with LCWU, Lahore on January 08, 2016.
- Acceptance of ‘Breast Cancer Awareness, Diagnosis and Treatment’ Project by British Council under Active Citizen Program on year 2014-15.
- Successful completion of WWF-Pakistan’s International Eco Internship Program organized by World Wide Fund for Nature-Pakistan in 2014.

International Course:

- Completed an online course offered by HEC, “Project Writing a Research Paper” by University of California, Irvine on Coursera. Certificate earned on April 04, 2019.
- Completed an online course on “Teaching Assistant” by the eLearnig College, on April 23, 2020.

Special Skills:

Laboratory skills:

- Able to handle animals (rodents) with remarkable efficiency and drug administration to animals.
- Behavioral tests of rodents (open field test, beam walk test, pole test, stride length, tail suspension test, olfactory discrimination test)
- Able to do Tissue Histology with remarkable perfection.
- Analysis of tissues through microscopic imaging.
- Proficient in bacterial culture growth techniques.
- Able to isolate DNA and RNA from sample.
- Conduct oxidative stress parameters.
- Able to do plant extraction.
- Analysis of constitutes through HPLC analysis.

Computer skills:

- Good command over Computer programs required in day-to-day professional work.
- Proficiency with Microsoft Office, Microsoft Power Point, Microsoft Excel and data manipulation.
- Good command in analyzing the scientific data.

Co-Curricular Activities:

- Worked as a part of Sports, Literary Societies and as organizer of major events held at LCWU, Lahore during my stay there.
- Worked as organizer and participant of activities during my school stay.

Languages:

I can read, write and speak Urdu and English efficiently.

Academic reference:

Will be provided if needed.