

RABIA MEHMOOD

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CAREER OBJECTIVE

To associate with progressive organization that enhances my knowledge and skills according to the latest trends and to become a part of a team that dynamically works to serve and to give them futuristic approach accordingly.

QUALIFICATIONS

- **PhD - Chemistry** **2019-continue**
GC Women University Sialkot.
- **MS - Chemistry** **2015-2017**
CGPA: 3.864
GC Women University Sialkot.
- **Masters in Science, Chemistry** **2012-2014**
Marks obtained: 902/1200 (scored 75%)
Institute of chemistry, University of Punjab
Distinction in Department (third Position)
- **Bachelors in Science from Punjab University** **2010-2012**
Marks obtained: 530/800 (scored 60%)
Punjab college, Sialkot.
- **Intermediate in Pre-medical from Gujranwala board** **2007-2010**
Marks obtained: 884/1100 (scored 80%)
Punjab college, Sialkot.
- **Matriculation from federal board** **2005-2007**
Marks obtained: 649/850 (scored 76%)
Army Public school and college, Sialkot.
- **Bachelor of Education (B.Ed)** **2014-2015**
Marks obtained: 647/900 (scored 72%)
Allama Iqbal Open University, Islamabad

EXPERIENCE:

- SESE in Govt. education Department (1.5 years) **2014-2015**
- Lecturer of chemistry in Punjab Daanish and Centre of Excellence Govt. Lady Anderson girls higher secondary school, Sialkot **2015- to-2022**
- **Lecturer (BPS-18) in Department of Chemistry, Govt. College women University, Sialkot** **2022- to- Present**

RESEARCH WORK:

- Synthesis and biological evaluation of varyingly substituted 1,3,5-triaryl-2-pyrazolines (thesis in MS)
- Mineral content and physical properties of local and imported brands of honey in Pakistan (thesis in masters)

PUBLICATIONS:

- Mehmood, R., Sadiq, A., Alsantali, R. I., Mughal, E. U., Alsharif, M. A., Naeem, N., & Ahmed, S. A. (2022). Synthesis and Evaluation of 1, 3, 5-Triaryl-2-Pyrazoline Derivatives as Potent Dual Inhibitors of Urease and α -Glucosidase Together with Their Cytotoxic, Molecular Modeling and Drug-Likeness Studies. *ACS Omega*. (IF = 4.1)
- **Rabia Mehmood**, Ehsan Ullah Mughal, Eslam B. Elkaeed, Rami J. Obaid, Yasir Nazir, Hanan A. Al-Ghulikah, Nafeesa Naeem, Munirah M. Al-Rooqi, Saleh A. Ahmed, Syed Wadood Ali Shah, and Amina Sadiq“ **Synthesis of Novel 2,3-Dihydro-1,5-Benzothiazepines as α -Glucosidase Inhibitors: *In Vitro*, *In Vivo*, Kinetic, SAR, Molecular Docking, and QSAR Studies**”, *ACS Omega* (2022), 7, 30215–30232 (IF = 4.1)
- Manazza Afzal, **Rabia Mehmood**, Ehsan Ullah Mughal, Nafeesa Naeem, Zaman Ashraf, Yasir Nazir, Fatma Mohsen Shalaby, Amal El-Sayed Abd El Hady, Amina Sadiq “**Elucidating Bis-pyrimidines as New and Efficient Mushroom Tyrosinase Inhibitors: Synthesis, SAR, Kinetics and Computational Studies**”*RSC Advances* (2024), 11, 50223–30252 (IF = 3.9)
- Jassas, R. S., Naeem, N., Sadiq, A., **Mehmood, R.**, Alenazi, N. A., Al-Rooqi, M. M., Mughal, E. U., Alsantali, R. I., & Ahmed, S. A. (2023). Current status of N-, O-, S-heterocycles as potential alkaline phosphatase inhibitors: a medicinal chemistry overview. *RSC Advances*, 13(24), 16413–16452. <https://doi.org/10.1039/d3ra01888a>

CONFERENCES AND WORKSHOPS

- Attended two days international symposium on Development in Contemporary chemistry held at University of Gujrat.
- Completed National Outreach Program for Higher Education Faculty awarded by National Academy of Higher Education (NAHE) Higher Education Commission (HEC), Islamabad one month training in 2024
- Three day faculty development training at GCWUS organized by directorate academics and department of education
- Guest speaker in one day seminar at GCWUS ‘Chemical insight: Advances and Innovations’

INTERESTS

- Reading books
- Exploring modern researches

REFERENCES

References will be provided on request.

