

# CV

**Muhammad Naeem**  
**Email: uafbzu123@gmail.com**

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## PROFESSIONAL SUMMARY

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Muhammad Naeem has published a **book** as a **First Author** in areas of **Biology, Life Sciences and Biological Sciences** in **2019**. He has distinguished research publications record as a **1<sup>st</sup> author**. He has published a lot of Research articles as a **Corresponding Author** in well reputed **International Scientific Journals** and **International Conferences**. He is selected as **Editor** in **Editorial Board Member** in **International Journal of Biology and Medicine** under RAFT Publications. He is also selected as a **Guest Reviewer** in **International Journal of Food Science and Agriculture** under Hill Publishing Group, USA. He has working experience in well reputed **Scientific Laboratories** and **Research Organizations**. He has worked at **Research Laboratory, Department of Molecular Biology & Biotechnology, Bahauddin Zakariya University, Multan**. He has also worked at **Central Research Laboratory**, Environment Protection Department, Lahore. He has ability to work independently and solving all trouble shootings with creative mind. He has innovative scientific ideas for Scientific Discovery.

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## PERSONAL INFORMATION

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Date of Birth : 10/10/1992

Marital Status : Single

Nationality : Pakistani

E-mail : uafbzu123@gmail.com

Contact No : 0311-6194791

Address : House No : 1425/11-B Orang Zaib Road Out Side Dehli Gate, Near Ansari Market Multan.

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## PROFESSIONAL EXPERIENCE (RESEARCH AND LABS)

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**2017-2018**                      **Research and Lab Member(Biology, Life Sciences, Biological Sciences)**

**Environment Protection Department (EPD), Lahore**

**Job Duties/Responsibilities (Research and Laboratory Work)**

- Collection, preparation and analysis of biological samples in scientific manner.
- Analyze research experimental data and interpretation of results and findings.
- Preparation of scientific manuscripts for publication in peer reviewed journals.
- Conduct biological and life sciences research and development of health policies.
- Preparation of the Laboratory reports and maintenance of laboratory instruments.
- Establish and monitor programs to check accuracy of laboratory findings & results.
- Investigation of outbreaks of infectious diseases and prevent it from spreading.

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**2016-2017****Research and Laboratory (Biology, Life Sciences )**

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**Bahauddin Zakariya University, Multan****Job Duties/Responsibilities (Research and Laboratory Work)**

- Conduct preparation and analysis of biological samples in research laboratory.
- Maintenance of QC/QA program to check the accuracy of laboratory results.
- Preparation of scientific research papers for publications in scientific index journals.
- Providing research support and analyzing research data using scientific methods.
- Conduct research projects and collaborate with scientists as a team member.
- Preparation of Standard Operating Procedure (SOPs) for each equipment.
- Maintenance of clean and safe learning laboratory environment for research.
- Ensured that all laboratory supplies are sterilized carefully before and after use.
- Perform good working relationships with other members of research group.

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**Jul-Aug 2016****Training/Internship(Biochemistry, Life Sciences)**

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**Department of Pathology****Nishtar Medical College & Hospital, Multan****Job Duties/Responsibilities (Research and Laboratory Work)**

- Performed routine laboratory tests on biological samples using scientific instruments.
- Maintenance the quality of lab results by running laboratory standards and controls.
- Conduct medical research under the direction of Pathologists and clinical scientists.
- Assist in diagnosis of diseases using advanced machinery and updated calibration.
- Preparation of laboratory reports through advanced softwares in a scientific manner.
- Cleaning of scientific laboratory working area and maintenance of inventory records.
- Calibration and maintenance of scientific equipments used in laboratory such as analytical analyzers, flame photometer, calorimeter, spectrophotometer, microscope.

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**ACADEMIC QUALIFICATION**

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<b>Year</b>	<b>Degree Title/Degree Name</b>	<b>CGPA, Marks</b>	<b>Educational Status</b>	<b>Performance</b>
( 2018-2020)	M.Phil Biochemistry(UAF)	CGPA 3.52/4	Excellent*	Outstanding
(2013-2015)	M.SC in Biochemistry (BZU)	CGPA 3.51/4	Excellent*	Brilliant
(2011-2013)	B.SC in Biological Sciences (BZU)	2 <sup>nd</sup> Division	Good*	Outstanding
(2008-2010)	F.SC (BISE, Multan)	Grade A	Excellent*	Brilliant
(2006-2008)	Matriculation (BISE Multan)	Grade A	Excellent*	Outstanding

## RESEARCH PUBLICATIONS

### FIRST BOOK PUBLICATION

Book Title	First Author	Year of Publication	Edition	Publishers
“Principles of Biochemistry and Biological Sciences”	Muhammad Naeem*	2019	First	Nishtar Publications

### SECOND BOOK PUBLICATION

Book Title	First Author	Year of Publication	Edition	Publishers
“Natural Products for Treatment of Various Diseases”	Muhammad Naeem*	2019	First	Lambert Academic Publishing

## Research Publications

1. Abu Hazafa, Ammara Batool, Saeed Ahmad, Muhammad Amjad, Sundas Nasir Chaudhry, Jamal Asad, Hasham Feroz Ghuman, Hafiza Madeeha Khan, **Muhammad Naeem\***, Usman Ghani, Humanin: A mitochondrial-derived peptide in the treatment of apoptosis-related diseases. Life Sciences,2020, 3.64 Impact factor.
2. **Muhammad Naeem\***, Arsalan Ashraf, Hafiz Muhammad Zeshan Safdar, Mahnoor Qayyum Khan, Shuja Ur Rehman, Rimsha Iqbal, Mohsin Raza, Jabir Ali, Ghafoor Ahmad. Biochemical Changes in Patients with Chronic kidney Failure In Relation to Complete Blood Count and Anemia. Int. J. Biosci. 16(1), 267-271, January 2020.
3. **Naeem M\***,Ali J,Hassan MZ,Arshad B,Rao MHI,Sarmad MSK,Irfan U,Khan NA,Sohail MS,Umar M, Hassan MU(2019).Novel Approach Towards DNA Barcoding as a Tool in Molecular Biology and Biological Activities of Cyclotides with Particular Emphasizes at Molecular Level., Biological Forum.11(2):83- 96.
4. **Muhammad Naeem\***, Muhammad Mujahid, Asim Umer, Siraj Ahmad, Ghafoor Ahmad, Jabir Ali, Sayed Jasim Raza Zaidi, Muhammad Zohaib Hassan, Tania Zaheer, Irfan Khalid. New trends in removing toxic metals

from drinking and wastewater by biomass materials and advanced membrane technologies. *J. Bio. Env. Sci.* 15(3), 10-17, September 2019.

5. **Naeem M\***, Hussain A, Azmi UR, Maqsood S, Imtiaz U, Ali H, Rehman SU, Kaleemullah, Munir HM, Ghani U.(2019). Comparative Anatomical Studies of Epidermis with Different Stomatal Patterns in Some Selected Plants Using Compound Light Microscopy, *IJSRP.*, **9(10)**:375-380
6. **Naeem M\*** ,Hayat M, Qamar SA, Mehmood T, Munir A, Ahmad G, Azmi UR, Faryad MA, Talib MZ, Irfan M, Hussain A, Hayder MA, Ghani U, Mehmood F.(2019).Risk factors, genetic mutations and prevention of breast cancer, *Int. J. Biosci.*14(4), 492-496.
7. Usman G, **Naeem M\***, Hamza R, Usman I, Ayesha A, Saqib U, Asim R, Fatima Q.(2019). A Novel Approach towards Nutraceuticals and Biomedical Applications., *Scholars International Journal of Biochemistry* , 2(10): 245- 252(**Corresponding Author**).
8. Ahmad, I., Khan, S., **Naeem, M.**, Hayat, M., Ahmed, S., Murtaza, G. and Irfan, M., Molecular Identification of Ten Palm Species using DNA Fingerprinting, *Int. J. Pure App. Biosci.* 7(1): 46- 51 (2019).
9. Usman G, Ammara B, Hamza R, **Naeem M\***, Syed S.H.B, Hafiz A, Amna N, Sara,S, Shahid, AC.(2019).Saudi Advancement and Future Directions towards Herbal Treatment for Various Diseases., *Saudi Journal of Medical and Pharmaceutical Sciences*, 5(11): 931-941 7(**Corresponding Author**).
10. Shafiq, S., Adeel, M., Raza, H., Iqbal, R., Ahmad, Z., **Naeem, M.**, & Ahmed Azmi, U. R. (2019). Effects of Foliar Application of Selenium in Maize (*Zea Mays L.*) under Cadmium Toxicity. In *Biological Forum-An International Journal* (Vol. 11, No. 2, pp. 27-37
11. U. Ghani , **M. Naeem\*** , S.S.H. Bukhari , G. Yar , I. Tariq , S. Siddique , H.A. Nawaz , Z.A.A. Pal , F. Nasim and S.A.H. Bukhari.(2019). Prevalence and Risk Factors Associated with Hepatitis B and Hepatitis C and their Correlation with Inflammatory Markers among Southern Region of Punjab. *Biological Forum* , 11(2): 136-143. (**Corresponding Author**).

### **International Conference Publications**

1. Development and uses of Molecular Markers in Healthcare. International Conference on “Innovative Biological and Public Health Research” Government College University, Lahore, November 13-14, 2019.
2. Zika Virus Vaccine Development and New Challenges. International Conference on “Innovative Biological and Public Health Research” Government College University, Lahore, November 13-14, 2019.
3. Novel approach towards Vaccine development through nanoparticles. International Conference on “Innovative Biological and Public Health Research” Government College University, Lahore, November 13-14, 2019.
4. Emergence of mosquitoes borne viral diseases in Pakistan. International Conference on “Innovative Biological and Public Health Research” Government College University, Lahore, November 13-14, 2019.
5. Biological conversion of amino acids into higher alcohols using variety of enzymes. 6th international conference on Sustainable Agriculture in Changing Climate: Strategies and Management, University of Poonch Rawalakot, June, 19-21, 2019.
6. Safety Assessment of Immune mediated reactions to novel food proteins. 6th international conference on Sustainable Agriculture in Changing Climate: Strategies and Management, University of Poonch Rawalakot, June, 19-21, 2019.
7. Sustainable bioplastics and biocomposites from renewable resources for packaging applications. 6th international conference on Sustainable Agriculture in Changing Climate: Strategies and Management, University of Poonch Rawalakot, June, 19-21, 2019.

8. Reducing Risks to Food Security from Climate Change. 1st International Conference on Sustainable Agriculture: food security under changing climate scenarios, April 3-5, 2019.
9. Phenolic compounds as a Benchmark for Food Quality. 1st International Conference on Horticultural Crop Production and Protection, University of Sargodha, September 19-20, 2019.
10. The Role of Microbes in coffee Fermentation and Their impact on Coffee Quality. 1st International Conference on Horticultural Crop Production and Protection, University of Sargodha, September 19-20, 2019.
11. Interactive effects of ascorbic acid and melatonin on morphophysiological and ionic of Okra Challenged with salt stress. 1st International Conference on Horticultural Crop Production and Protection, University of Sargodha, September 19-20, 2019.
12. Improvement of food and vegetable quality from postharvest Biology. 1st International Conference on Horticultural Crop Production and Protection, University of Sargodha, September 19-20, 2019.

<b>Editorial Board Member (Muhammad Naeem)</b>				
<b>Editorial Board Member</b>	<b>Role</b>	<b>Journal name</b>	<b>Category</b>	<b>Publishers</b>
<b>Muhammad Naeem (Editor)</b>	<b>Editor</b>	<b>International Journal of Biology and Medicine</b>	<b>Biology</b>	<b>RAFT Publications</b>

<b>Editorial Team Member (Muhammad Naeem)</b>				
<b>Role</b>	<b>Journal name</b>	<b>Category</b>	<b>Publishers</b>	<b>ISSN</b>
<b>Muhammad Naeem (Guest Reviewer)</b>	<b>International Journal of Food Science and Agriculture</b>	<b>Biology</b>	<b>Hill Publishing Group</b>	<b>ISSN Print : 2578-3467 ISSN Online : 2578-3475</b>

## **DISTICNTIONS, HONORS AND ACHIEVEMENTS**

1. Appointed in Central Research Laboratory, Environment Protection Department (EPD), Office Lahore (2017)
2. Selected at Department of Molecular Biology & Biotechnology, Bahauddin Zakariya University, Multan (2016)
3. Selected for training/internship in, Nishtar Medical College & Hospital, Multan ,Pakistan(2015)

## **CONFERENCE CERTIFICATES AND SEMINARS**

1. Got certificate of joining as Editor in Editorial Board Member in International Journal of Biology and Medicine under RAFT Publication
2. Certificate as Guest Reviewer in International Journal of Food Science and Agriculture under Hill Publishing Group, USA.

3. Conference Certificate from 1st International Conference on Horticultural Crop Production and Protection, University of Sargodha, September 19-20, 2019.
4. International Conference on “Innovative Biological and Public Health Research” Government College University, Lahore, November 13-14, 2019.
5. 6th international conference on Sustainable Agriculture in Changing Climate: Strategies and Management, University of Poonch Rawalakot, June, 19-21, 2019.
6. Certificate of Appreciation from MARKHOR, Wilderness based Youth Leadership Conference , Sep 24-27, 2016

### Google Scholar Citations

1. Muhammad Naeem Total Google Scholar Citations= 70
2. Muhammad Naeem = h-index= 5

### LABORATORY AND RESEARCH SKILLS

#### 1. Analytical Section

I have several years of working experience in laboratory. I have experience in instrument handling, maintenance and calibration in a scientific manner I have also experience running all types of samples used in the field of Biology, Life Sciences. I can do all types of trouble shootings.

#### 2. Research Skills

I have published many articles as a first author in well international reputed journals. I have also published two books as first author. I have experience in research articles writing, preparation, submission and processing. I want to make discovery in future using scientific approach.

<b>REFERENCES</b>	
<b>Reference 1</b>	<b>Reference 2</b>
<p style="text-align: center;"><b>Dr. M. Shah Nawaz ur Rehman, Ph.D</b></p> <p style="text-align: center;">Associate Professor, Centre of Agricultural Biochemistry and Biotechnology, University of Agriculture, Faisalabad. Mobile No: +923334321744 Email: msnawazulrehman@uaf.edu.pk</p>	<p style="text-align: center;"><b>Dr. Muhammad Shahid, Ph.D</b></p> <p style="text-align: center;">Associate Professor, Department of Biochemistry University of Agriculture, Faisalabad. Mobile No: +92-333-6629271 Email: mshahiduaf@yahoo.com</p>