Curriculum Vitae

Mariya Azam

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PROFESSIONAL EXPERIENCE

- **Teaching** Assistant **(1 Year)**: Institute of Microbiology, University of Agriculture, Faisalabad (UAF) from 2017-2018
- **Research** Experience **(10 Months):** Enteric Pathogens Laboratory, National Institute for Biotechnology and Genetic Engineering (NIBGE) Faisalabad from 2013-2014.
- **Teaching** Intern **(3 Months):** Under Chief Minister Punjab Youth Internship Program (PYIP) at Government Pilot Secondary School For Girls Wahdat Colony, Lahore.

EDUCATIONAL QUALIFICATION

Degree	Board / University	Passing Year	CGPA/Marks%
M.Phil. (Microbiology)	Govt. College University, Lahore	2015	3.29/4.00
Master (Microbiology)	Quaid-i-Azam University, Islamabad	2012	67.43%
Bachelor (Science)	University of The Punjab, Lahore	2010	51.25%
Intermediate (Pre-Medical)	B.I.S.E Faisalabad	2006	74.72%
Matriculation (Science)	B.I.S.E Faisalabad	2003	75.88%

PROFESSIONAL QUALIFICATION

Degree	University	Passing Year	Marks%
B.Ed (Arts)	Allam Iqbal Open University Islamabad	2013	68.22%

ADDITIONAL COURSE

English Language Diploma Course from National University of Modern Languages (NUML) Islamabad.

PUBLICATIONS

1. Mohsin MS., **Azam M**, Rahman SU, Esposito F, Sellera F, Monte DFM, Cerdeira L and Lincopan N., 2019. "Genomic background of a colistin-resistant and highly virulent *mcr-1* positve *Escherichia coli* ST6395 from a broiler chicken in Pakistan" ***Pathogens and Diseases*****.** Vol. 77 (7) **(I.F= 2.335)**
2. **Azam M**, Mohsin M, Rahman SU and Saleemi MK. **2019.** "Virulence-associated genes and antimicrobial resistance among avian pathogenic *Escherichia coli* from colibacillosis affected broilers in Pakistan" ***Tropical Animal Health and Production.*** Vol. 51(5), pp.1259–1265 **(I.F=1.089)**

3. **Azam M**, Ehsan I, Rahman S, Saleemi MK, Javad MR, and Mohsin M. **2017.** "Detection of colistin resistance gene *mcr-1* in avian-pathogenic *Escherichia coli* in Pakistan." ***Journal of Global Antimicrobial Resistance.*** Vol. 11, pp. 152–153 **(I.F=2.469).**
4. **Azam M**, Mohsin M, Ijaz H, Tulain UR, Ashraf MA, Fayyaz A, Abadeen ZU and Kamran Q. **2017** "Lactic acid bacteria in traditional fermented Asian foods" ***Pakistan Journal of Pharmaceutical Sciences.*** Vol.30(5), pp.1803-1814 **(I.F= 0.596).**
5. Bukhari AA, Arshad MI, Raza S, **Azam M,** Rahman S and Mohsin M. **2016.** "Emergence of extended spectrum beta-lactamases producing strains belonging to Cefotaxime-M-1 class from intensive care units patients and environmental surfaces in Pakistan", ***International journal of one health***. Vol. 2(10), pp. 69-74 **(I.F=0.0)**

CONFERENCE PRESENTATON

- **Oral** presentation at "International one health conference (OHC-2017) during 13-15 November **2017** at College of Veterinary & Animal Sciences, Jhang, Sub campus UVAS, Lahore
- **Poster** presentation at 2nd International conference on "Biotechnology for Sustainable Development" during 26-28 November **2014** at Government College University, Lahore, Pakistan.

PARTICIPATION

- Seminar on Hepatitis A at UAF on 27 February **2018**
- International Conference on Foods of Animal Origin at UAF during 30-31 March **2017**.
- National One Day Symposium on One-Health at UAF on 8 August **2016.**
- 1st National Students Conference on Biological Sciences during 27-29 March **2014** at NIBGE

TRAINING

- 2nd National Training Course on **"Molecular Methods in Biotechnology"** at Government College University (GCUF) Faisalabad, Pakistan, during 13-17 March **2017**

HONORS AND AWARDS

- **Research Support Scholarship:** International Research Support Initiative Program (IRSIP) awarded during 2018, under Higher Education Commission (HEC), Pakistan, Project No. 1-8/HEC/HRD/2018/8874 for College of Veterinary Medicine, University of Minnesota, USA.

LABORATORY SKILLS AND TECHNICAL EXPERIENCE

- ✓ Culturing, isolation and biochemical identification of bacteria
- ✓ DNA Extraction
- ✓ Polymerase Chain Reaction (PCR)
- ✓ Agarose Gel Electrophoresis
- ✓ Antimicrobial Resistance (AMR)
- ✓ Whole genome sequence (WGS) analysis