

Curriculum Vitae

Numan Javed, Ph.D

Personal Profile

Father's Name: Javed Aslam
Marital Status: Married
Date of Birth: Jan 08, 1982
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Educational Qualification

Degree	Session	Institutes	Major Subject(s)
Ph.D	2013-2016	Institut Pasteur of Shanghai, Chinese Academy of Sciences, Shanghai Institute of Biological Sciences (SIBS), Shanghai, China	Microbiology
M.Phil	2006-2008	University of Health Sciences (UHS), Lahore. Pakistan.	Immunology
M.Sc.	2003-2005	Department of Microbiology & Molecular Genetics, University of the Punjab Lahore, Pakistan	Microbiology & Molecular Genetics
B.Sc.	1999-2002	Shehika Fatima institute of Health Sciences, University of the Punjab Lahore, Pakistan	Medical. Laboratory. Technology
H.S.S.C	1997-1999	Govt Islamia College Civil Lines Lahore, Lahore Board	Biology, Physics, Chemistry
S.S.C	1995-1997	Govt. Central Model High School Lower Mall, Lahore.Pakistan	Biology, Maths, Physics, Chemistry

Scholarship/Fellowship

Punjab University Overseas fully funded Scholarship for faculty development program availed during Ph.D Dec 2013 - Nov 2016 at Institut Pasteur of Shanghai, Chinese Academy of Sciences (CAS), Shanghai, China.

Higher Education Commission (HEC) of Pakistan's fully funded scholarship availed during M.Phil Jan 2006- Jan 2008 at University of Health Sciences, Lahore. Pakistan.

Research Topics

PhD

Thesis entitled “Study on host inflammatory responses against Methicillin Resistant *Staphylococcus aureus* (MRSA)”

M.Phil

Thesis entitled “Ability of different *Staphylococcal aureus* isolates to induce selected metabolites in human polymorphonuclear leucocytes.”

Professional Skills

- 1. Teaching & Research Experience as Assistant Professor at Department of Microbiology & Molecular Genetics (MMG) University of the Punjab, Lahore. Pakistan.**
Teaching the M.Sc, BS (Hons), MS (Hons), M.Phil & PhD classes of Microbiology & Molecular Genetics since December 2016 - Present.
- 2. Teaching Experience at Virtual University of Pakistan, Lahore. Pakistan.**
Taught the course of Immunology to B.Sc (Hons) Biotechnology July 2018-December 2018.
- 3. Teaching & Research Experience as a Lecturer at Department of Microbiology & Molecular Genetics (MMG) University of the Punjab, Lahore. Pakistan.**
Taught the M.Sc and B.Sc (Hons) students of Microbiology & Molecular Genetics since July 2009- November 2016.
- 4. Working Experience as Ocular Microbiologist at COAVS King Edward Medical University, Lahore. Pakistan.**
Worked as Ocular Microbiologist at College of Ophthalmology & Allied vision Sciences (COAVS) King Edward Medical University Lahore, Pakistan since Jan 2009 - Jul 2009.
- 5. Teaching Experience as a Lecturer at Hajvery University, Lahore. Pakistan.**
Taught the Doctor of Pharmacy (Pharm-D) students, the subjects of Pharmaceutical Microbiology, Immunology and Industrial Biotechnology at Hajvery University Lahore, Pakistan since Jan 2008 - Jan 2009.
- 6. Working Experience as Microbiologist at A.Z pharmaceutical (pvt) Co. Lahore. Pakistan.**
Worked as Microbiologist in the Quality control department of A.Z Pharmaceutical (pvt) Co. Lahore, since May 2005 - Jan 2006.
- 7. Research Experience at Highnoon Laboratories (pvt) Ltd, Lahore, Pakistan.**
Worked as research fellow at the Microbiology department of Highnoon Laboratories (pvt) Ltd, Lahore on my research project during Jan 2004- Dec 2004.

8. Working Experience at Pathology Department of Sheikh Zayed Hospital, Lahore, Pakistan.

During B.Sc Med. Lab. Technology worked as an internee in Microbiology, Histopathology, Hematology and Biochemistry labs of Sheikh Zayed Hospital, Lahore since Oct 2000- Oct 2001.

Workshops Attended

- Training workshop “Hands on Flowcytometry” by Becton-Deckinson (BD) Pakistan, held at Department of Immunology, University of Health Sciences, Lahore, Pakistan.
- 13th Master Trainers Faculty Professional Development Program (MT-FPDP), held at Learning Innovation Division, Higher Education Commission (HEC), Islamabad, Pakistan. April 14- June 9, 2010.
- Workshop on “Research Ethics”, held at Agha Khan University (AKU), Karachi. June 27-29, 2011.
- Workshop on “GIS/GPS Application in Epidemiology of Human and Animal Diseases and in Biological Science Research” held at University of Veterinary & Animal Sciences UVAS, Lahore. 28 November- 02 December 2011.
- 4th Advanced Faculty Professional training program of “Ensuring Effectiveness of Training” at Asian Institute of Technology (AIT), Bangkok, Thailand. 26 November- 14 December 2012.
- International Workshop on “Modern Techniques in Structural Biology” held at Dr. Panjwani Institute of Molecular Medicines and Drugs, University of Karachi, Karachi. December 12-14, 2013.
- High level Scientific Symposium on “Research on Infectious Diseases in a Globalized World”, held at Institut Pasteur of Shanghai, Shanghai, China. October 17, 2014.
- 2014 Mini-Symposium in the Frontier of T & B Lymphocyte Biology and Clinical Applications, held at Institut Pasteur of Shanghai, Shanghai, China. November 5, 2014.
- Shanghai-Lyon Symposium Pathogens & Immunity held at Institut Pasteur of Shanghai, Chinese Academy of Sciences, Shanghai, China. May 18, 2015.

- The 6th Nature Publishing Group (npg) Cell Death & Disease Symposium on Tissue Microenvironment and Diseases held at Changzhou, China. November 8-9, 2015.
- International Pasteur Institute Network (IPIN) 2016 Asia-Pacific Regional Meeting “Getting Ready to answer Public Health Great Challenges” held at Institute Pasteur of Shanghai, Shanghai, China. May 19, 2016.
- International course on Cell Biology & Infection: Digital Image processing/ Analysis tools for quantitative light microscopy imaging organized by International Pasteur Institute Network (IPIN), held at Hellenic Pasteur Institute, Athens, Greece. July 4-8, 2016.
- Shanghai-Essen Symposium “Pathogens & Immunity”, held at Institut Pasteur of Shanghai, Shanghai, China. October 24, 2016.
- Consultative workshop for reviewing Master Training Faculty Development Professional Program (MT-FPDP) organized by Learning and Innovation Division, Higher Education Commission (LID-HEC) of Pakistan at HEC regional center Lahore during 16-18th August, 2017.
- Workshop on “Entrepreneurship, use of Business Intelligence for Development” at department of Microbiology & Molecular Genetics (MMG), University of the Punjab organized by Office of Research Innovation & Commercialization (ORIC) University of the Punjab on 13th September 2017.
- Hands on workshop on “Advancements in drug advisory & Vaccine Design” at department of Biology, Syed Babar Ali School of Science & Engineering, Lahore University of Management Sciences (LUMS), on 19th March 2018.
- A Summer School for Policymakers, Academic Leaders and Faculty “Leaders in Science & Innovation Policy” at Department of Computer Sciences, Syed Babar Ali School of Science & Engineering, Lahore University of Management Sciences (LUMS), on 28-30th July 2018.
- Workshop on “Responsible Conduct in Life Sciences (RCLS)” at COMSTECH, Islamabad organized by Pakistan Biological Safety Association (PBSA) in collaboration with Fogarty International Center, NIH, USA on 4-8th February 2019.
- Workshop on “Influence without Authority Workshop” at University of Lahore, Main Defense road campus, Lahore organized by Pakistan Biological Safety Association (PBSA) in collaboration with Fogarty International Center, NIH, USA on 17th February 2019.

Workshops Organized

- “In-Service Faculty Training Program” at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore in collaboration with Learning Innovation Division, Higher Education Commission of Pakistan (LID-HEC), 18-22th October 2012.
- “2nd In-Service Faculty Training Program” at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore in collaboration with Learning Innovation Division, Higher Education Commission of Pakistan (LID-HEC), 4-8th February 2013.
- “Bio-physical basis for Technopreneurship” at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore in collaboration with Institute of Business Administration (IBA), 2-3rd April 2013.
- “Hands on Training workshop on Basic Biosafety measures in Research” at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore in collaboration with National Academy of Young Scientist (NAYS) Pakistan, 27th September 2013.

Research Projects Completed

- “Ability of different isolates of *Staphylococcus aureus* to induce selected metabolites in human neutrophils” funded by Punjab University during 2009-2010 fiscal year.
- “Effect of various isolates of *S.aureus* to induce reactive intermediates by human polymorphonuclear leucocytes” funded by Punjab University during 2011-2012 fiscal year.
- “Molecular epidemiology of MRSA on the basis of *Spa* typing from different hospitals of Lahore” funded by Punjab University during 2012-2013 fiscal year.
- “Potential role of Staphylococcal Penicillin Binding proteins (PBPs) in cross reactivity with murine cytokine assay” funded by Higher Education Commission (HEC) of Pakistan under Startup Research Grant Program during 2017-2018 fiscal year.
- “Potential role of Staphylococcal Protein A (*Spa*) in cross reactivity with murine cytokine assay” funded by Punjab University during 2017-2018 fiscal year.

Conferences Attended

- ✓ Oral presentation on “WBC Morphology” at 12th National Hematology Conference (HAEMCON 2010) 9th- 16th Feb, 2010 at Children Hospital and Institute of Child Health, Lahore, Pakistan.
- ✓ Poster presentation at 7th Annual Conference on Infectious diseases organized by Infectious Disease Society of Pakistan (IDSP) 17th-20th Feb, 2010 in Karachi, Pakistan.
- ✓ Poster presentation at 14th International Congress of Immunology (ICI) 22nd-27th August, 2010 in Kobe, Japan.
- ✓ Poster presentation at the 2012 meeting on “Bacteria, Archaea & Phages” 21st - 25th August, 2012 in Cold Spring Harbor Laboratory, Cold Spring Harbor, New York, USA.
- ✓ Poster presentation at the 14th International Congress on Antiphospholipid Antibodies & 4th Latin American Congress on Autoimmunity APLA & LACA 18-21 September, 2013 in Rio de Janeiro, Brazil.
- ✓ Keynote Lecture as Keynote speaker at 3rd International conference on Science, Technology, Management and Humanity (ICSTMH 2017) held at Bangkok, Thailand on 30-31st March, 2017.
- ✓ Poster presentation at the 28th Annual International Conference on Family Medicine (Familycon) 12-14 January, 2018 at Pearl continental hotel, Lahore.
- ✓ Oral presentation at the MMG-2018 A conference on Microbiology & Molecular Genetics, 7-9 February, 2018 at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore.
- ✓ Oral talk at Prof. Amman Ullah Khan NUR-FMS research day Fatima Memorial Medical & Dental College, 11th April, 2018 at Fatima Memorial Medical & Dental College in collaboration with NUR International University, Lahore.
- ✓ Poster presentation at the 29th Annual International Conference on Family Medicine (Familycon) 28-31 March, 2019 at Pearl continental hotel, Lahore.
- ✓ Invited as Session Chair at “Kinnaird’s 1st International Conference on Science, Technology and Innovation” 2-4 April 2019 at Kinnaird College for Women University, Lahore.
- ✓ Oral talk at 1st National Conference “Microbiology, Infectious Diseases and Health Safety” held from 4-5th April, 2019 at University of Swabi, Swabi, Khyber Pakhtunkha (KPK).

Conferences Organized

- “A conference on Microbiology & Molecular Genetics (MMG2018)” at Department of Microbiology & Molecular Genetics (MMG), University of the Punjab, Lahore in collaboration with Department of Health Sciences, The Superior College Lahore 7-9th February 2018.

Computer Skills

Microsoft Windows, Microsoft Office, Internet, Use of Biological Softwares such as PCGENE, PRIMER, GENERUNNER, ImageJ, ICY etc.

Publications

- A. Tariq and **N. Javed**. Prevalence of Methicillin Resistant *S. aureus* (MRSA) in Lahore, Pakistan on the basis of Staphylococcal Protein A (*Spa*) typing. **International Journal of Biology & Biotechnology** 2019;16 (2):299-305.
- M. Habib, S. Bhatti, S. Rehman, **N. Javed** , M. Aslam, N. Shahzad, Z. Abbas, Hepatoprotective role of swimming against arsenic induced oxidative stress in mice. **Journal of King Saud University-Science** 2019; (In Press). <https://doi.org/10.1016/j.jksus.2019.02.011>.
- K. Zahra., S. Rehman., **N. Javed.**, M. S. Aslam and Z. Abbas., Extract Preparation Of Major Food Allergens Of Pakistan and their Protein Profiling. **The Journal of Animal & Plant Sciences (JAPS)** 2019; 29(1): 91-98.
- **Javed N.**, Xue G ., LuA ., Xing Y ., Iwakura Y ., Xiao H ., Lecoeur H ., F. Späth G ., Meng G ., Cross reactivity of *S. aureus* to murine cytokine assays: A source of discrepancy. **Cytokine** 2016; 81: 101–108.
- **Javed, N.**, Abbas, Z., Thair, R., Afzal, N., Isolates of *Staphylococcus aureus* induce selected metabolites in human polymorphonuclear leucocytes. **Pakistan J. Zool** 2016; 48(5): 1563-1565.
- A. Hussain, S. U. Rehman, S. Aslam, **N. Javed** and Z. Abbas., Nano-Gold particles mediated detection of NS1; An early diagnostic marker of dengue virus infection. **The Journal of Animal & Plant Sciences (JAPS)** 2014; 24(4): 1110-1115.
- **Javed, N.**, Afzal, N., Thair, R., Abbas, A., and Javed, K., Prevalence of multiple drug resistant *Staphylococcus aureus* in different hospitals of Lahore. **Pakistan J. Zool** 2011; 43(4): 815-818.

- **Numan J**, Nadeem A, Romeeza T, Afia A. *In vitro* phagocytosis of methicillin resistant and methicillin sensitive *Staphylococcus aureus* by human polymorphonuclear leucocytes. **JAMC** 2009; 21(2):49-52.
- Romeeza T, Nadeem A, **Nauman J**, Afia A and Kunwal R. Discrepancies in the diagnosis of methicillin resistant *Staphylococcus aureus* among different hospitals in Lahore, Pakistan. **IMJ** 2009; 8(2):7-10.

References

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