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Specialization:
Human Infectious Diseases

Education:

PhD, Molecular Biology/Microbiology (2013-2016), Division of Infectious Diseases, Department of Medicine and Faculty of Biology, Albert Ludwigs University Freiburg, Germany.

Master/M.Phil. Molecular Biology (2009-2011), CEMB, University of the Punjab, Lahore, Pakistan.

BS (Hons), Biotechnology & Informatics (2004-2008), BUIITEMS, Quetta, Pakistan.

Experience:

Assistant Professor (2017 – to date), National University of Medical Sciences, Rawalpindi, Pakistan.

Visiting Research Fellow (Oct 2018 – July 2019), Queen Mary University of London, London, UK.

Post-Doc (2016-2017), Division of Infectious Disease, University Medical Centre Freiburg, Germany.

Research Interests:

Approaches of Molecular Infection Biology, Immunotherapeutics, Recombinant Antibody Engineering and Development.

Selected Publications:

1. **Ali L**, Blum HE, Sakiñç T (2019) Detection and characterization of bacterial polysaccharides in drug-resistant enterococci. Glycoconj J.doi: 10.1007/s10719-019-09881-3.

2. Shokoohizadeh L, Ekrami A, Labibzadeh M, **Ali L**, Alavi SM (2018) Antimicrobial resistance patterns and virulence factors of enterococci isolates in hospitalized burn patients. BMC Res Notes.11(1):1.
3. **Ali L**, Spiess M, Wobser D, Rodriguez M, Blum HE, Sakiñç T (2016) Identification and functional characterization of the putative polysaccharide biosynthesis protein (CapD) of *Enterococcus faecium* U0317. Infection, Genetics and Evolution 37: 215–22.
4. Awan z, Idrees M, H, Abrar, **Ali L** et al. (2016) Influence of Hepatitis B Virus Genetic Heterogeneity on Treatment Response Against Lamivudine and Interferon in Pakistani Isolates. Anti-Infective Agents 14 (2):121- 125.
5. Kleine B¹, **Ali L**¹, Wobser D, Sakiñç T (2015) The N-terminal repeat and the ligand binding domain A of SdrI protein is involved in hydrophobicity of *S. saprophyticus*. Microbiol Res; 172:88-94.
1 equally contributed.
6. Hussain A, Idrees M, Asif M, **Ali L**, Rasool M (2015) Phylogenetic and 2D/3D Analysis of HCV 1a NS4A Gene/Protein in Pakistani Isolates Hepat Mon. 2015 June; 15(6): e19936.
7. Wobser D, **Ali L**, Grohmann E, Huebner J, Sakinc T (2014) A Novel Role for D-Alanylation of Lipoteichoic Acid of *Enterococcus faecalis* in Urinary Tract Infection. PloS one 9: e107827.
8. **Ali L**, Idrees M, Ali M, Hussain A, et al. (2014) Inhibitory effect of kaolin minerals compound against hepatitis C virus in Huh-7 cell lines. BMC research notes 7: 247.
9. Shokoohizadeh L, Mobarez AM, Zali MR, Ranjbar R, Alebouyeh M, **Ali L** (2013) High frequency distribution of heterogeneous vancomycin resistant *Enterococcus faecium* (VREfm) in Iranian hospitals. Diagnostic pathology 8: 163.
10. Idrees M, Hussain W, Rehman HU, Un G, Tayyab N., **Ali L** et al. (2012) Dengue Virus Serotype 2 (DEN-2): the Causative Agent of 2011-Dengue Epidemic in Pakistan. American J Bio-med Sciences. 2012(4): 307-315.
11. Ali A, Nisar M, Idrees M, Ahmad H, **Ali L** et al. (2012) Prevalence of HBV infection in suspected population of conflict-affected area of war against terrorism in North Waziristan FATA Pakistan. Infection, Genetics and Evolution 12: 1865-1869.

12. Badar S, Khubaib B, Idrees M, Hussain A, Ali L et al. (2012) Association of hepatitis C virus with insulin resistance: evidences from animal studies and clinical studies. *Hepatitis monthly* 12: 11.
13. Fatima Z, Idrees M, Bajwa MA, Tahir Z, Ali L et al. (2011) Serotype and genotype analysis of dengue virus by sequencing followed by phylogenetic analysis using samples from three mini outbreaks-2007-2009 in Pakistan. *BMC microbiology* 11: 200.
14. Ilyas M, Asad S, Ali L, Shah M, Badar S, et al. (2011) A situational analysis of HIV and AIDS in Pakistan. *Virology J* 8: 191-193.
15. Ali L, Idrees M, Ali M, Rehman I-u, Hussain A, et al. (2011) An overview of treatment response rates to various anti-viral drugs in Pakistani Hepatitis B Virus infected patients. *Virology journal* 8: 20.
16. Ali M, Idrees M, Ali L, et al. (2011) Hepatitis B virus in Pakistan: a systematic review of prevalence, risk factors, awareness status and genotypes. *Virol J* 8: 102.
17. Idrees M, Lal A, Malik FA, Hussain A, Ali L. (2011) Occult hepatitis C virus infection and associated predictive factors: the Pakistan experience. *Infection, Genetics and Evolution* 11: 442-445.
18. Iqbal T, Idrees M, Ali L et al. (2011) Isolation and characterization of two new hepatitis E virus genotype 1 strains from two mini-outbreaks in Lahore, Pakistan. *Virology journal* 8: 94.
19. Rauff B, Idrees M, Shah S, Butt S, Ali L et al. (2011) Hepatitis associated aplastic anemia: a review. *Virol J* 8: 201.
20. Afzal S, Idrees M, Ali M, Ilyas M, Ali L, et al. (2011) Envelope 2 protein phosphorylation sites S75 & 277 of hepatitis C virus genotype 1a and interferon resistance: A sequence alignment approach. *Virol J* 8: 2-6.
21. Ali L, Ilyas M, et al. (2010) Comparative genomic analysis and evolutionary study of CD4 antigen. *Current Research Journal of Biological Sciences* 2(5): 328-332, ISSN: 2041-0778© Maxwell Scientific Organization.

22. Munir S, Saleem S, Idrees M, Tariq A,.. **Ali L**, et al. (2010) Hepatitis C treatment: current and future perspectives. Virology journal 7: 296.