

Research Publications of Prof. Dr. Muhammad Idrees

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Dr. Idrees has a **distinguished research and Excellent Publications record** and his contribution in Molecular Biology has been recognized at home and abroad. His research work has been **published in 258 peer reviewed research/review papers** in national/international scientific journals with an **overall impact factor more than 1018** and of **citation of more than 6'400**. Brief and publication list is given below:

- (A) **Accumulative Impact Factor:** 1018.87; (updated on 20/11/2024)
 (B) **Accumulative Citations:** 6'444 (Google Scholar)
 5'167 (Web of Science)

- ❖ **Total Publications:** 258
- ❖ **As Corresponding Author:** 88 Publications
- ❖ **As First Author:** 19 Publications
- ❖ **As Contributing Author:** 151 Publications

LIST OF RESEARCH PAPERS PUBLISHED IN JOURNALS

SR. NO.	JOURNAL
	<u>Publications in year 2008 (Impact Factor 10.3)</u>
1.	Idrees M* , Development of an improved genotyping assay for the detection of hepatitis C virus genotypes and subtypes in Pakistan. <i>Journal of Virological Methods</i> . 4 March 2008; 150(1): 50-56. Print ISSN: 0166-0934; Online ISSN: 1879-0984
2.	Idrees M* , Riazuddin S. Frequency Distribution of Hepatitis C Virus Genotypes in Different Geographical Regions of Pakistan and their Possible Routes of Transmission, <i>BMC Infectious Diseases</i> . 23 May 2008; 8: 69. ISSN: 1471-2334
3.	Idrees M* , Riazuddin S. High Prevalence of Hepatitis C Virus Infection in the Largest Province of Pakistan. <i>Journal of Digestive Diseases</i> . 05 September 2008; 9: 96-104. Online ISSN:1751-2980; Print ISSN:1751-2972
	<u>Publications in year 2009 (Impact Factor 15.099)</u>
4.	Idrees, M* , Riazuddin S. A study of best positive predictors for sustained virologic response to interferon alpha plus ribavirin therapy in naive chronic hepatitis C patients. <i>BMC Gastroenterology</i> . 20 January 2009, 9:5. doi:10.1186/1471-230X-9-5. ISSN: 1471-230X
5.	Idrees M* , Butt S, Awan Z, Aftab M, Khubaib B, Rehman IU, Akram M, Mamzoor S, Akbar H, Rafique S, Riazuddin S. Nucleotide identity and variability among different Pakistani hepatitis C virus isolates. <i>Virology Journal</i> . 24 August 2009; 6: 130. doi:10.1186/1743-422X-6-130. ISSN: 1743-422X
6.	Idrees, M* , Rafique S, Rehman I, Butt S, Riazuddin S. Hepatitis C virus genotype 3a infection and hepatocellular carcinoma: Pakistan experience. <i>World Journal of Gastroenterology</i> . 15 October 2009; 15(40): 5080-5085. ISSN: 1007-9327 (print); 2219-2840 (online)

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7.	Akbar H, Khan M, Khan AA, Khan MA, Idrees M , Comparative efficacy of Doxycycline and Flumequine. <i>J Veteran Med Anim Health</i> , 2009; 1(2): 017-022.
8.	Akbar H, Idrees, M* , Manzoor S, Rehman IU. Hepatitis C virus infection: A review of the current and future aspects and concerns in Pakistan. <i>J Gen Mol Virol</i> 2009; 1(2): 012-018.
9.	Jaferi SSI, Ilyas M, Idrees M* . AIDS Crisis in Pakistan. <i>J Gen Mol Virol</i> 2009; 1 (3): 033-034.
<u>Publications in year 2010 (Impact Factor 47.296)</u>	
10.	Afzal S, Idrees M* , Akram M, Awan Z. Mutations in the E2-PePHD region of hepatitis C virus genotype-3a and correlation with response to interferon and ribavirin combination therapy in Pakistani patients. <i>Virology Journal</i> . 31 December 2010; 7: 377. ISSN: 1743-422X
11.	Butt AM, Siddique S, Idrees M* , Tong Y. Avian influenza A (H9N2): computational molecular analysis and phylogenetic characterization of viral surface proteins isolated between 1997 and 2009 from the human population. <i>Virology Journal</i> . 15 November 2010; 7: 319. ISSN: 1743-422X
12.	Ali A, Ahmed H, Ali I, Khan S, Zaidi G and Idrees M , Prevalence of active Hepatitis C Virus infection in District Mansehra Pakistan'. <i>Virology Journal</i> . 22 November 2010; 7: 334. ISSN: 1743-422X
13.	Munir S, Saleem S, Idrees M* . Hepatitis C Treatment: current and future perspectives. 2010. <i>Virology Journal</i> . 1 November 2010; 7: 296. ISSN: 1743-422X
14.	Zaidi G, Idrees M* , Awan Z, Amin I, Shahid M, Younas S, Hussain R. Prevalence of hepatitis delta virus infection among hepatitis B virus surface antigen positive patients circulating in the largest province of Pakistan. <i>Virology Journal</i> . 26 Oct 2010; 7: 283. ISSN: 1743-422X
15.	Ali A, Ahmed H, Idrees M* , Molecular epidemiology of Hepatitis C virus genotypes in Khyber Pakhtoonkhaw of Pakistan. <i>Virology Journal</i> . 26 August 2010; 7: 203. ISSN: 1743-422X
16.	Butt S, Idrees M* , Akbar H, Awan Z, Rehman IU, Hussain A, Afzal S, Shahid M, Manzoor S, Rafique S. The changing Epidemiology pattern and Frequency Distribution of hepatitis C virus in Pakistan. <i>Infection, Genetics and Evolution</i> . 9 May 2010; 10(4): 595-600. ISSN (online): 1567-7257; ISSN(Linking): 1567-1348
17.	Chaudhary S, Idrees M* , Butt AK, Khan AA, Izhar M, Iqbal HA. Simultaneous amplification of two bacterial genes: more reliable method of Helicobacter pylori detection in microbial rich dental plaque samples. <i>Current Microbiology</i> . 26 April 2010; 14(6): 344-347. Electronic ISSN:1432-0991; Print ISSN: 0343-8651
18.	Awan Z, Idrees M* , Amin I, Butt S, Afzal S, Akbar H, Rehman IU, Younas S, and Shahid M. Pattern and Molecular Epidemiology of Hepatitis B virus genotypes circulating in Pakistan. <i>Infection, Genetics and Evolution</i> . 2010; 10(6): 345-350. ISSN (online): 1567-7257; ISSN(Linking): 1567-1348
19.	Rafique S, Idrees M* , Nasim A, Akbar H, Athar A. Transition metal complexes as potential therapeutic Agents. <i>Biotechnology and Molecular Biology Reviews</i> . 16 April 2010; 5(2): 38-45.
20.	Rafique S, Nasim A, Idrees M . Riazuddin S. Stable expression of envelope glycoproteins of HCV genotype 3a in Huh-7 cell-lines. <i>Int. J. Appl. Biol. Pharma. Tech</i> . Aug-Sep 2010; 1(2): 199-213.
21.	Awan Z, Idrees M* , Rafique S, Rehman IU, Akbar H, Butt S, Manzoor S, Khan LA. Hepatitis B virus YMDD-motif mutations with emergence of lamivudine-resistant mutants: a threat to recovery. <i>Gastroenterol Hepatol FBB</i> , 2010; 3(3):108-114.

22.	Khan AA, Inam S, Idrees M , Gul K and Akbar H. Effect of automobile workshop on the health status of automechanics in NWFP, Pakistan. <i>A. J. Environ Sci Technol</i> 2010; 4 (4): 192-200.
23.	Jafri SSI, Ilyas M, Idrees M* . Swine flu: A threat to human health. <i>Biotech Mol Biol.</i> 2010; 5(3): 46-50.
	<u>Publications in year 2011 (Impact Factor 156.972)</u>
24.	Idrees M* . Rehman IU, Manzoor S. Akbar H. Butt S. Evaluation of three different hepatitis C virus typing methods for detection of mixed- genotype infections. <i>Journal of Digestive Diseases.</i> 2011, 12: 199-203. Online ISSN:1751-2980; Print ISSN:1751-2972
25.	Idrees M* , Lal A, Malik FA. Occult hepatitis C virus infection and associated predictive factors: the Pakistan experience. <i>Infection, Genetics and Evolution.</i> 2011; 11(2): 442-45. ISSN (online): 1567-7257; ISSN(Linking): 1567-1348
26.	Butt, S., Idrees M* , Rehman IR, Hussain A. Mixed genotype infections with hepatitis C Virus, Pakistan. <i>Emerging Infectious Diseases.</i> 2011; 17(8) 1565-1567. ISSN: 1080-6059
27.	Khan AU, Waqar M, M, Zaib M, Wasim M, Idrees M. Bajwa MA. True prevalence of Twin HDV-HBV infection in Pakistan: A Molecular approach. <i>Virology Journal</i> 2011, 8:420. ISSN: 1743-422X
28.	Ali A, Nisar M, Ahmad A, Idrees M* , Saif N, Bajwa MA. Determination of HCV genotypes and viral loads in chronic HCV infected patients of Hazara Pakistan <i>Virology Journal</i> 2011, 8:466. ISSN: 1743-422X
29.	Manzoor S, Idrees M* , Ashraf A, Mehmood A, Butt S, Fatima K, Akbar H, Rehman IU, Qadri Q. Identification of ionotropic purinergic receptors in Huh-7 cells and their response towards structural proteins of HCV genotype 3a. <i>Virology Journal.</i> 2011, 8: 431 doi:10.1186/1743-422X-8-431. ISSN: 1743-422X
30.	Fatima Z, Idrees M* , Bajwa MA, Tahir Z, Ullah O, Zia MQ, Hussain A, Akram M, Khubaib B, Afzal S, Munir S, Saleem S, Rauff B, Badar S, Naudhani M, Butt S, Aftab M, Ali L, Ali M. Serotype and genotype analysis of Dengue Virus by Sequencing followed by Phylogenetic analysis using samples from three mini outbreaks-2007-2009 in Pakistan. <i>BMC Microbiology.</i> 2011, 11: 200. ISSN: 1471-2180
31.	Khan F, Akbar H, Idrees M , Khan H, Shahzad K, Kayani MA. The prevalence of HBV infection in the cohort of IDPs of war against terrorism in Malakand Division of Northern Pakistan Journal: <i>BMC Infectious Diseases.</i> 2011, 11:176. ISSN: 1471-2334
32.	Riaz M, Idrees M , Kanwal H, Kabir F. An overview of Triple infection with Hepatitis B, C and D viruses. <i>Virology Journal.</i> 2011, 8: 368. ISSN: 1743-422X
33.	Yousaf MZ, Idrees M , Saleem MZ, Ali M, Expression of core antigen of HCV genotype 3a and its evaluation as screening agent for HCV infection in Pakistan. <i>Virology Journal.</i> 2011, 8: 364. ISSN: 1743-422X
34.	Faridi R, Zahra A, Idrees M* , Khan K. Oncogenic potential of Human Papillomavirus (HPV) and its relation with cervical cancer. <i>Virology Journal.</i> 2011, 8: 269. ISSN: 1743-422X
35.	Ali I, Khan S, Attaullah S, Khan SN, Khan J, Siraj S, Iqbal A, Swati ZA, Idrees M. Response to combination therapy of HCV 3a Infected Pakistani patients and the role of NS5A protein. <i>Virology Journal.</i> 2011, 17: 8(1): 258. ISSN: 1743-422X
36.	Butt AM, Siddique S, Tahir S, Nasrullah I, Hussain M, Idrees M* , Lu J, Tong Y. Comparative sequence, antigenic and phylogenetic analysis of avian influenza (H9N2) surface proteins isolated in Pakistan between 1999 and 2008. <i>J Infect Dev Ctries</i> 2011; 5(6):413-424.
37.	Akram M, Idrees M* , Hussain A, Afzal S, Characterization of Hepatitis C Virus genotype

	3a Hypervariable region 1 in patients achieved rapid virological response to alpha interferon and Ribavirin Combination therapy. <i>Virology Journal</i> . 2011, 17: 8(1): 253. ISSN: 1743-422X
38.	Akram M, Idrees M* , Zafar S, Hussain A, Butt S. Effects of host and virus related factors on interferon- α + ribavirin and pegylated-interferon+ ribavirin treatment outcomes in chronic Hepatitis C patients. <i>Virology Journal</i> . 2011, 17: 8(1): 234. ISSN: 1743-422X
39.	Rafique S, Idrees M* , Positional effect of phosphorylation sites 266 and 267 in the cytoplasmic domain of the E2 protein of hepatitis C virus 3a genotype: Interferon Resistance analysis via Sequence. <i>Virology Journal</i> . 2011, 8: 204. ISSN: 1743-422X
40.	Akbar H, Idrees M* , Butt S, Sabar FM. High Baseline Interleukine-8 level is an Independent Risk Factor for the achievement of Sustained Virological Response in Chronic HCV Patients. <i>Infection, Genetics and Evolution</i> . 2011; 11(6) : 1301-1305. ISSN (online): 1567-7257; ISSN(Linking): 1567-1348
41.	Ali M, Idrees M* . Hepatitis B virus in Pakistan: a systemic review of prevalence, risk factors, awareness status and genotypes. <i>Virology Journal</i> . 2011, 8 ; 102 . ISSN: 1743-422X
42.	Rauff B, Idrees M* . Hepatitis Associated Aplastic Anemia: A review. <i>Virology Journal</i> 2011, 8 : 87 . ISSN: 1743-422X
43.	Iqbal T, Idrees M* . Isolation and characterization of two new Hepatitis E Virus Genotype 1 strains from two Mini-outbreaks in Lahore, Pakistan. <i>Virology Journal</i> . 2011, 8 : 94 . ISSN: 1743-422X
44.	Afzal S, Idrees M* , Ali M, Ilyas M, Akram M, Butt S, Salem S, Hussain A, Rehman IU, Ali L, Shahid M. Envelope 2 protein phosphorylation sites S75 & 277 of hepatitis C virus genotype 1a and interferon resistance: A sequence alignment approach. <i>Virology Journal</i> . 2011, 8 :71. ISSN: 1743-422X
45.	Shehzadi A, Rehman SU, Idrees M* . Promiscuous prediction and conservancy analysis of CTL binding epitopes of HCV 3a viral proteome from Punjab Pakistan: an In Silico Approach. <i>Virology Journal</i> . 2011, 8:55. ISSN: 1743-422X
46.	Shah SAR, Idrees M* , Hussain A. Hepatitis G virus associated aplastic anemia: a recent case from Pakistan. <i>Virology Journal</i> . 2011, 8 (1) : 30. ISSN: 1743-422X
47.	Ali L, Idrees M* . An overview of treatment response rates to various anti-viral drugs in Pakistani Hepatitis B Virus infected patients. <i>Virology Journal</i> . 2011, 8 : 20. ISSN: 1743-422X
48.	Ullah I, Idrees M* , Ahmad H, Ghafoor SU, Ali M, Ali L, Ahmad A Hepatitis C virus genotypes circulating in district Swat of Khyber Pakhtoonkhaw, Pakistan. <i>Virology Journal</i> . 2011; 8:16. ISSN: 1743-422X
49.	Butt S, Idrees M , Amin I, Younas S, Afzal S, Akbar H, Rehman IU. Change in hepatitis C virus clades: A cross-sectional study of chronic HCV patients in Pakistan from 2000–2010. <i>European Journal Clinical Microbiology and Infection</i> . 2011; 30 : 669-672.
50.	Chaudhry S, Khan AA, Butt AK, Idrees M . Helicobacter pylori in Dental Plaque; Is it Related to Brushing Frequency, Plaque Load and Oral Health Status? <i>JCPSP</i> 2011, 21(10): 589-592. HEC W-category. ISSN: 1022-386X
51.	Butt, S., Idrees M* , Rehman IR, Ali L, Hussain A, Ali M, Ahmad N. Establishment of stable Huh-7 cell lines expressing various Hepatitis C Virus Genotype 3a protein: An in-vitro testing system for novel anti-HCV drugs. <i>Genetic Vaccines and Therapy</i> 2011, 9:12. ISSN: 1479-0556
52.	Rehman IU, Idrees M* , Ali M, Ali L, Butt S, Hussain A, Akbar H, Afzal S. Hepatitis C virus genotype 3a with phylogenetically distinct origin is circulating in Pakistan <i>Genetic Vaccines and Therapy</i> 2011, 9:2. ISSN: 1479-0556

53.	Butt AM, Siddique S, Tahir S, Nasrullah I, Hussain M, Idrees M* , Lu J, Tong Y. Comparative sequence, antigenic and phylogenetic analysis of avian influenza (H9N2) surface proteins isolated in Pakistan between 1999 and 2008. <i>Emerging Problems in Infectious Diseases JIDC</i> . 2011; 5(6):413-424. ISSN: 1972-2680
54.	Amin I, Idrees M , Awan Z, Shahid M, Afzal S, Hussain A. PCR be could a method of choice for identification of both pulmonary and extra-pulmonary tuberculosis. <i>BMC Research Notes</i> . 2011, 4:332. ISSN: 1756-0500
	<u>Publications in year 2012 (Impact Factor 37.849)</u>
55.	Idrees M , Hussain W, Rehman HU, Tayyab GN. Dengue Virus Serotype 2 (DEN-2): the Causative Agent of 2011-Dengue Epidemic in Pakistan. <i>American Journal of Biomedical Sciences</i> . 2012; 2012(4): 307-315. ICV=6.25 ISSN: 1937-9080
56.	Butt AM, Feng D, Nasrullah I, Tahir S, Idrees M , Yigang Tong Y, Lu J. Computational identification of interplay between phosphorylation and O- β -glycosylation of human occludin as potential mechanism to impair hepatitis C virus entry. <i>Infection Genetics Evolution</i> . 2012 Aug; 12(6):1235-1245.
57.	Shah AR, Lal A, Idrees M* , Hussain A, Jeet C, Malik FA, Iqbal Z, Rehman HU, Hepatitis E Virus Associated Aplastic Anemia: First case of its kind. <i>Journal of Clinical Virology</i> . 2012 May; 54(1):96-97.
58.	Butt A, Feng D, Idrees M , Tong Y, Lu J. Computational identification and modeling of crosstalk between Phosphorylation, O- β -glycosylation and Methylation of FoxO3 and implications for cancer therapeutics. <i>International Journal of Molecular Science</i> 2012; 13(3): 2918-2938; doi:10.3390/ijms13032918. IF 4.183
59.	Badar S, Khubaib B, Idrees M . et al., Association of Hepatitis C Virus With Insulin Resistance: Evidences From Animal Studies and Clinical Studies. <i>Hepatitis Monthly</i> . 2012; 12(1): 11-15. IF 1.932
60.	Ali A, Nisar M, Idrees M* , Ahmad H. Prevalence of HBV infection in suspected population of conflict-affected area of war against terrorism in North Waziristan FATA Pakistan. <i>Infection Genetics and Evolution</i> . 12(2012); 1865-1869. ISSN: 1567-1348
61.	Butt AM, Tahir S, Nasrullah I, Idrees M* , Lu J, Tong Y. Mycoplasma genitalium: a comparative genomics study of metabolic pathways for the identification of drug and vaccine targets. <i>Infection Genetics and Evolution</i> . 2012 Jan; 12(1): 53-62. ISSN: 1567-1348
62.	Butt AM, Khan IB, Hussain M, Idrees M* , Lu J, Tong Y. Role of post translational modifications and novel crosstalk between phosphorylation and O-beta-GlcNAc modifications in human claudin-1, -3 and -4. <i>Molecular Biology Reports</i> . 2012 Feb; 39(2):1359-1369. ISSN (Electr):1573-4978; ISSN(Print): 0301-4851
	<u>Publications in year 2013 (Impact Factor 22.082)</u>
63.	Hussain A, Idrees M . The first complete genome sequence of HCV-1a from Pakistan and a phylogenetic analysis with complete genomes from the rest of the world. <i>Virology Journal</i> . 2013, 10: 211. ISSN: 1743-422X
64.	Ullah S, Rehman HU, Idrees M . Mutations in the NS5A gene are associated with response to interferon+ ribavirin combination therapy in patients with chronic hepatitis C virus 3a infection. <i>European Journal of Gastroenterology & Hepatology</i> . 2013 Oct; 25(10):1146-1151.
65.	Ali A, Rehman HU, Nisar M, Rafique S, Ali S, Hussain A, Nausheen, Idrees M . Seroepidemiology of dengue fever in Khyber Pakhtunkhwa, Pakistan. <i>International Journal of Infectious Diseases</i> 21 March 2013, 17 (7): e518-e523. ISSN(Online): 1878-3511; ISSN(Linking): 1201-9712.
66.	Fatima Z, Afzal S, Idrees M . Change in demographic pattern of dengue virus infection:

	evidence from 2011 dengue outbreak in Punjab, Pakistan. Public Health , 2013; Sep; 127(9): 875-877. Online ISSN: 1476-5616; Print ISSN: 0033-3506
	<u>Publications in year 2014 (Impact Factor 44.392)</u>
67.	Afzal S, Idrees M , Hussain M. De Novo modeling of Envelope 2 protein of HCV isolated from Pakistani patient and epitopes prediction for vaccine development. Journal of Translational Medicine . 2014; 12:115. ISSN: 1479-5876
68.	Butt A, Idrees M , Tong Y. Identification and expression profiling of microRNAs in hepatitis C patients by using next generation sequencing. Journal of Viral Hepatitis . Vol 21 (Suppl. S2), October 2014, 21–48. Online ISSN:1365-2893; Print ISSN:1352-0504
69.	Ali M. Rehman IU, Idrees M . Emergence of genetically variant Hepatitis C virus population in response to increased antiviral drug pressure, Pakistan. Virus Genes . June 2014, Volume 48, Issue 3, pp 543-549. ISSN: 1572-994X
70.	Shahid M, Idrees M , Nasir B, Raja AJ, Raza SM, Amin I, Rasul A, Tayyab GU. Correlation of biochemical markers and HCV RNA titers with fibrosis stages and grades in chronic HCV-3a patients. European Journal of Gastroenterology Hepatology . 2014 Jul;26(7):788-94. doi: 10.1097/MEG.000000000000109.
71.	Sabri S, Idrees M . Studies on the role of NS3 and NS5A non-structural genes of hepatitis C virus genotype 3a local isolates in apoptosis. International Journal of Infectious Diseases . 2014, 25(2014): e38-e44. ISSN(Online): 1878-3511; ISSN(Linking): 1201-9712
72.	Rafique S, Idrees M , Ali A and Iqbal M. Generation of infectious HCV pseudo typed particles and its utilization for studying the role of CD81 & SRBI receptors in HCV infection. Molecular Biology Reports . June 2014, Volume 41, Issue 6, pp 3813-3819; ISSN (Electronic):1573-4978; ISSN(Print): 0301-4851.
73.	Rafique S, Idrees M , Ali A and Iqbal M. Studies on the role of neutralizing antibodies against envelope genes in resolving HCV pseudo-particles infection. Molecular Biology Reports . June 2014, Volume 41, Issue 6, pp 3945-3950. ISSN (Electronic):1573-4978; ISSN(Print): 0301-4851.
74.	Waqar M, Khan AU, RehmanHU, Idrees M* , Wasim M, Ali A, Niaz Z, Ismail Z, Rehman MU, Tariq M. Determination of Hepatitis C Virus Genotypes Circulating in Different Districts of Punjab (Pakistan). European Journal Gastroenterology & Hepatology . 2014 Jan; 26(1): 59-64. doi: 10.1097/MEG.0b013e328362dc3f.
75.	Butt, FA, Amin I, Idrees M , Iqbal M. Hepatitis delta virus genotype-1 alone cocirculates with hepatitis B virus genotypes A and D in Pakistan. European Journal of Gastroenterology & Hepatology . 2014 Mar; 26(3): 319-324. doi: 10.1097/MEG.0000000000000007.
76.	Ur Rehman I, Vaughan G, Purdy MA, Xia GL, Forbi JC, Rossi LM, Butt S, Idrees M , Khudyakov YE. Genetic History of Hepatitis C Virus in Pakistan. Infection, Genetics and Evolution . 2014 Aug 13; 27C: 318-324. ISSN(online):1567-7257; ISSN(Linking):1567-1348
77.	Ali L, Idrees M , Ali M, Hussain A, Rehman IU, Ali A, Iqbal AS, Kamel ES. Inhibitory effect of kaolin minerals compound against hepatitis C virus in Huh-7 cell lines. BMC Research Notes . 2014, 7: 247. doi:10.1186/1756-0500-7-247.
78.	MS Alam, SU Khan, S Ayaz, N ul Akbar, MA Khan, I Ahmad, M Idrees M . Molecular detection of Giardia lamblia and Cryptosporidium parvum in different water sources of district bannu, Khyber Pakhtunkhwa, Province of Pakistan. Microbiology Research Journal International , 2014, 80-88.
79.	Waqar, M, AU Khan, A Ali, M Wasim, Idrees M , Z Ismail, AA Noor, N Akbar. Prevalence and molecular determination of Hepatitis C infection in Khyber Pakhtunkhwa, Pakistan.

	2014, <i>Archives of Clinical Infectious Diseases</i> 9 (3), 1-5.
80.	Rehman HU, Wasim M, Waqar Khan AU, Idrees M , Ismail Z, Ali A, Faisal, Seroprevalence of HBV infection and viral loads in outpatients attending a district hospital located in Mardan, Pakistan. <i>International Journal of Biosciences</i> . 03/2014; 4(5): 28-34. DOI:10.12692/ijb/4.5.28-34.
81.	Wasim M., Biland B, Idrees M , et al., Assessment of Risk Factors and Clinical Presentations in a Liver Cirrhotic State-Pakistan. <i>World Applied Sciences Journal</i> . 2014; 32 (7): 1252-1257.
82.	Waqar M, Rehman HU, Khan SU, Noor AA, Ali A, Wasim M, Idrees M , Ismail Z, Niaz Z, Akbar NU, Tariq M. Frequency Distribution of Hepatitis C Virus Genotypes in District Karachi, Pakistan. <i>Journal of Gastroenterology and Hepatology Research</i> . 2014 April 21 3(4): 1035-1038.
	<u>Publications in year 2015 (Impact Factor 77.473)</u>
83.	Idrees M , Shah AR. Association of aplastic anaemia with positive viral hepatitis serology, and its outcome after immunosuppressive therapy. <i>Journal of Clinical Virology</i> August 2015, Volume 69, page 241. Online ISSN: 1873-5967; Print ISSN: 1386-6532
84.	Nasrullah I, Butt AM, Tahir S, Idrees M , Tong Y. Genomic analysis of codon usage shows influence of mutation pressure, natural selection, and host features on Marburg virus evolution. <i>BMC Evolutionary Biology</i> 2015, 15:174. doi:10.1186/s12862-015-0456-4.
85.	Akram M, Fatima Z, Purdy MA, Sue A, Saleem S, Amin I, Shahid M, Nawaz R, Idrees M . Introduction and evolution of dengue virus type 2 in Pakistan: a phylogeographic analysis. <i>Virology Journal</i> (2015) 12: 148; ISSN: 1743-422X
86.	Butt AM, Castellano L, Idrees M . Next generation sequencing reveals differential expression profiles of hepatic microRNAs in chronic hepatitis C patients. <i>Journal of Hepatology</i> . 2015 vol. 62: S585. Online ISSN: 1600-0641; Print ISSN: 0168-8278
87.	Butt AM, Castellano L, Idrees M , Tong Y. Deep sequencing shows microRNA expression in hepatitis C patients is associated with the end treatment response. <i>Journal of Clinical Virology</i> . Aug 2015; Volume 69, Page 234. Online ISSN: 1873-5967; Print ISSN: 1386-6532
88.	Amat-ur-Rasool H, Saghir A, Idrees M , Computational Prediction and Analysis of Envelop Glycoprotein Epitopes of DENV-2 and DENV-3 Pakistani isolates: A First Step towards Dengue Vaccine Development. <i>PLOS ONE</i> . 2015 Mar 16; 10(3): e0119854. doi: 10.1371/journal.pone.0119854. eCollection 2015. ISSN: 1932-6203
89.	Khubaib B, Idrees M , Afzal S, Wasim M. The genotype CC of <i>IL-28B</i> SNP rs12979860 is significantly associated with a sustained virological response in chronic HCV- infected Pakistani patients. <i>Journal of Digestive Diseases</i> . 2015; 16; 293–298. Online ISSN:1751-2980; Print ISSN:1751-2972
90.	Ali A, Idrees M . Expression of Hepatitis C Virus Core and E2 antigenic recombinant proteins and their use for development of diagnostic assays. <i>International Journal of Infectious Diseases</i> . Mar 2015; 84 (2015): e84-e89. ISSN(Online): 1878-3511; ISSN(Linking): 1201-9712
91.	Hussain M, Idrees M , Afzal S. Development of Global Consensus of Dengue Virus Envelope Glycoprotein for Epitopes based vaccine design. <i>Current Computer-Aided Drug Design</i> . 2015; 11(1): 84-97.
92.	Hussain A, Idrees M , Asif M, Ali L, Rasool M. Phylogenetic and 2D/3D Analysis of HCV 1a NS4A Gene/Protein in, Pakistani Isolates. <i>Hepatitis Monthly</i> . 2015 June; 15(6): e19936.
93.	Afzal S, Maqbool A, Zaman S, Idrees M , Anjum AA, Shah SS, Fatima Z, Amin A and Latif M. Evidence of Transmission of Dengue Virus by Different Developmental Stages of

	Mosquitoes, <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . Pakistan Journal of Zoology. , 2015; vol. 47(3), pp. 887-890. ISSN:0030-9923
94.	Shah SS, Maqbool A, Zaman S, Idrees M , Anjum AA, Afzal S., Fatima Z, Amin A and Ahmad S. Role of <i>Aedes</i> and <i>Culex</i> in Dissemination of Dengue Virus. Pakistan Journal of Zoology. , 2015; vol. 47(1), pp. 273-276. ISSN:0030-9923
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