## Research Publications:


2. Sadia Butt, Muhammad Idrees, Irshad Ur Rehman, Haji Akbar, Muhammad Shahid, **Samia Afzal**, Saima Younas and Iram Amin. High Prevalence of dual hepatitis C virus infection by different genotypes in chronically infected Pakistani patients. Emerging Infectious Diseases 2011; 17(8). (IF=7.185).


7. Rabia Nawaz, Sadia Zahid, M Idrees, Shazia Rafique, M Shahid, Ammara Ahad, Iram Amin, Iqra Almas, **Samia Afzal**. (2017) HCV-induced regulatory alterations of IL-1β, IL-6, TNF-α, and IFN-γ operative, leading liver en-route to non-alcoholic steatohepatitis. Inflammation Research (IF=3.061)


23. Iram Amin, Ayesha Vajeeha, Saima Younas, **Samia Afzal** et al. HSV1 Infection: Role of viral proteins and cellular receptors. Critical Reviews in Eukaryotic Gene Expression (IF=1.84) DOI: 10.1615/CritRevEukaryotGeneExpr.2019025561


28. Iram Amin, Saima younas, **Samia Afzal** et al. HSV-1 and Host antiviral immune responses. *Viral Immunology* (IF=1.417) DOI: 10.1089/vim.2019.0097


31. Farkhanda Manzoor, Iram Amin, Muhammad Shahid, **Samia Afzal** et al. Aedes aegypti is the Major Vector for Transmission of Dengue Virus in Lahore, Pakistan 2017 *Pakistan Journal of zool*. 49(2)1-3.(IF=0.79)


34. Iram Amin, Muhammad Idrees, Zunaira Awan, Muhammad Shahid, **Samia Afzal** and Abrar Hussain. PCR could be a method of choice for identification of both pulmonary and extra-pulmonary tuberculosis. *BMC Research Notes* 2011, 4:332


43. Mehrukh Shaheen, Samia Afzal et al. (2019) A review on the association of IL28B polymorphism with clearance of Hepatitis C Virus. Critical Reviews in Eukaryotic Gene Expression. (IF=1.84)


45. Muhammad Shahid, Muhammad Idrees, Samia Afzal et al. Blood-based gene expression profile of oxidative stress and antioxidant genes for identifying surrogate markers of liver tissue injury in patients infected with Hepatitis C Virus infection. Archives of Virology (IF=2.5)