

## **DR. BUSHRA IJAZ**

### **PUBLICATIONS:**

- Rehman S, Ijaz B, Fatima N, Muhammad SA, Riazuddin S (2016). Therapeutic potential of *Taraxacum officinale* against HCV NS5B polymerase: In-vitro and In silico study. **Biomed Pharmacother.** **8;83**:881-891..
- Ahmed F, Mahmood N, Shahid S, Hussain Z, Ahmed I, Jalal A, Ijaz B, Shahid A, Mujtaba G, Mustafa T (2016). Mutations in Human Interferon  $\alpha$ 2b Gene and Potential as Risk Factor Associated with Female Breast Cancer. **Cancer Biother Radiopharm.****31(6)**:199-208.
- Noreen S, Hussain I, Tariq MI, Ijaz B, Iqbal S, Qamar-Ul-Zaman, Ashfaq UA, Husnain T (2015). *Portulaca oleracea* L. as a Prospective Candidate Inhibitor of Hepatitis C Virus NS3 Serine Protease. **Viral Immunol.** **28(5)**:282-9
- Shahid I, Gull S, Ijaz B, Ahmad W, Ansar M, Asad S, Kausar H, Sarwar MT, Khan MK, Hassan S (2013). Stable Huh-7 cell lines expressing non-structural proteins of genotype 1a of hepatitis C virus. **J Virol Methods.** **189(1)**:65-9
- Ahmad W, Ijaz B, Hassan S (2012). Gene expression profiling of HCV genotype 3a initial liver fibrosis and cirrhosis patients using microarray. **J Transl Med.** **10 (1)**:41.
- Asad S, Ijaz B, Ahmad W, Kausar H, Sarwar MT, Gull S, Shahid I, Khan MK, Hassan S (2012). Development of persistent HCV genotype 3a infection cell culture model in huh-7 cell. **Virol J.** **10**:9:11
- Jahan S, Khaliq S, Siddiqi MH, Ijaz B, Ahmad W, Ashfaq UA, Hassan S (2011). Anti-apoptotic effect of HCV core gene of genotype 3a in Huh-7 cell line. **Virol J.** **8**:522
- Kausar H, Gull S, Ijaz B, Ahmad W, Sarwar MT, Iqbal Z, Nawaz Z, Riazuddin S, Hassan S (2011). Huh-7 cell line as an alternative cultural model for the production of human like erythropoietin (EPO). **J Transl Med.****9**:186
- Jahan S, Samreen B, Khaliq S, Ijaz B, Khan M, Siddique MH, Ahmad W, Hassan S (2011). HCV entry receptors as potential targets for siRNA-based inhibition of HCV. **Genet Vaccines Ther.** **6;9**:15
- Ahmad W, Ijaz B, Javed FT, Gull S, Kausar H, Sarwar MT, Asad S, Shahid I, Sumrin A, Khaliq S, Jahan S, Pervaiz A, Hassan S. A (2011). Comparison of four fibrosis indexes in chronic HCV: Development of new fibrosis-cirrhosis index (FCI). **BMC Gastroenterol**,**11**:44
- Ahmad W, Ijaz B, Gull S, Asad S, Khaliq S, Jahan S, Sarwar MT, Kausar H, Sumrin A, Shahid I, Hassan S (2011). A brief review on molecular, genetic and imaging techniques for HCV fibrosis evaluation. **Virol J,** **88(1)**:53
- Jahan S, Khaliq S, Ijaz B, Ahmad W, Hassan S (2011). Role of HCV Core gene of genotype 1a and 3a and host gene Cox-2 in HCV-induced pathogenesis. **Virol J,** **8(1)**:155

- Ijaz B, Ahmad W, Javed FT, Gull S, Hassan S (2011). Revised cutoff values of ALT and HBV DNA level can better differentiate HBeAg (-) chronic inactive HBV patients from active carriers. **Viol J, 27; 8:** 86
- Ijaz B, Ahmad W, Javed FT, Gull S, Sarwar MT, Kausar H, Shahid I, Asad S, Khaliq S, Jahan S, Sumrin A, Hassan S (2011). Association of laboratory parameters with viral factors in patients with hepatitis C. **Viol J, 8:**361
- Khaliq S, Jahan S, Ijaz B, Ahmad W, Asad S, Pervaiz A, samreen B, Hassan S (2010). Inhibition of core gene of HCV 3a genotype using synthetic and vector derived siRNAs. **Viol J, 7:**318
- Khaliq S, Jahan S, Ijaz B, Ahmad W, Asad S, Hassan S (2011). Inhibition of HCV 3a genotype by siRNAs targeting envelop genes. **Arch Virol. 156(3):**433-442
- Ahmad W, Shabbiri K, Ijaz B, Asad S, Gull S, Fouzia K, Kausar H, Sarwar MT, Shahid I, Hassan S (2011). Claudin-1 required for HCV virus entry has high potential for phosphorylation and o-glycosylation. **Viol J. 8:**229
- Sarwar MT, Kausar H, Ijaz B, Ahmad W, Ansar M, Sumrin A, Ashfaq UA, Gull S, Asad S, Shahid I, Hassan S (2011). NS4A protein as a marker of HCV history suggests that different hepatitis C virus genotypes originally evolved from genotype 1b. **Viol J. 8:**317
- Jahan S, Khaliq S, Samreen B, Ijaz B, Khan M, Ahmad W, Ashfaq AU, Hassan S (2011). Effect of combined siRNA of HCV E2 gene and HCV receptors against HCV. **Viol J 8:**295
- Ahmad W, Shabbiri K, Ijaz B, Asad S, Nazar N, Nazar S, Fouzia K, Kausar H, Gull S, Tahir Sarwar MT, Shahid I, Hassan S (2011). Serine 204 phosphorylation and O- $\beta$ -GlcNAC interplay of IGFBP-6 as therapeutic indicator to regulate IGF-II functions in viral mediated hepatocellular carcinoma. **Viol J. 8:**208
- Khan M, Jahan S, Khaliq S, Ijaz B, Ahmad W, Samreen B, Hassan S (2010). Interaction of the hepatitis C virus (HCV) core with cellular genes in the development of HCV-induced steatosis. **Arch Virol. 155(11):**1735-53
- Khaliq S, Khaliq SA, Zahur M, Ijaz B, Jahan S, Ansar M, Riazuddin S, Hassan S (2010). RNAi as a new therapeutic strategy against HCV. **Biotechnol Adv. 28(1):**27-34
- Ahmad W, Ijaz B, Javed FT, Jahan S, Shahid I, Khan MF, Hassan S (2010). HCV genotype distribution and possible transmission risks in Lahore, Pakistan. **World J Gastroenterol. 14:** 4321-4328
- Ahmad W, Ijaz B, Javed FT, Kausar H, Sarwar MT, Gull S, Asad S, Shahid I, Hassan S. HCV genotype-specific correlation with serum markers: higher predictability for genotype 4a (2011). **Viol J. 8:** 293-301
- Javed FT, Ijaz B, Ahmad W, Jahan S, Khaliq S, Hassan S (2010). Correlation of serum HCV titer, ALP and Bilirubin levels with liver fibrosis stages. **IJAVMS 4(2):** 56-62
- Sumrin A, Ahmad W, Ijaz B, Sarwar MT, Gull S, Kausar H, Jahan S, Asad S, Riazuddin S (2010). Purification and medium optimization of alpha amylase from Bacillus Subtilis 168. **Afr J Biotech. 10(11):** 2119-2129

- Jahan S, Khaliq S, Afzal N, Mujtiba G, Ahmad W, Ijaz B, sumrin A, Ishfaq A U, Hassan S (2011). Regulation of Apoptosis by HCV. **IJAVMS. 5(4):** 438-443
- Asmatullah and Ijaz B. Embryotoxicity of Malathion in developing chick (2004). **Punjab University J Zoology 19:** 1-8