

Sobia Manzoor

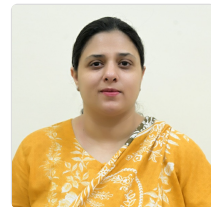
Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Sobia Manzoor is working as Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Sobia Manzoor has a PhD in Molecular Virology. Dr. Sobia Manzoor has published 85 research articles & conference papers having a citation count of 1377, carried out 8 projects and filed 4 intellectual property.

Qualifications

PhD in Molecular Virology University of Veterinary & Animal Science , Pakistan	2006 - 2011
MPhil in Molecular Stem Cell Biology University of the Punjab , Pakistn (Duplicate)	2004 - 2006
MSc in Zoology University of the Punjab , Pakistan	2001 - 2003

Experience

Professor Atta-Ur-Rahman School of Applied Biosciences	2022- Present
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2022
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2012 - 2017
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2011 - 2012
Tenured Associate Professor ASAB , Atta-ur-Rahman School of Applied Bio-Sciences (ASAB), NUST, H12, Islamabad	2011 - 2022

Awards

ASAB Best Innovator 2019 ASAB Best Innovator for the year 2019	2020
ASAB Best Researcher 2017 ASAB Best researcher of the year 2017	2017
PAMS-Young Scientist 2015 Pakistan Academy of Medical Sciences (PAMS) Young Scientist, Gold Medal, 2015	2015

Research Projects

National Projects

Analyzing the anti-viral and liver tissue regenerative potential of IL-6 and IL-22 in viral and non-viral associated hepatocellular carcinoma	2022
Funding Agency: HEC	
Amount: PKR 8,867,000.00	
Status: Completed	
Hepatitis C Virus Management in Pakistan	2008
Funding Agency: PAK-US	
Amount: PKR 47,343,000.00	
Status: Completed	
Development of bioactive hospital textiles and protective suits against viruses and bacteria by immobilization of nanomaterials	2020
Funding Agency: HEC and Islamic Development Fund	
Amount: PKR 14,856,620.00	
Status: Completed	
Development of new multi-target Inhibitor against Hepatitis Infection based on Barbituric Acid Derivative	2011
Funding Agency: HEC	
Amount: PKR 500,000.00	
Status: Completed	
Discovery and Validation of Circulating Protein Biomarker Panels for Diagnosing Hepatocellular Carcinoma	2019
Funding Agency: HEC	
Amount: PKR 6,140,000.00	
Status: Completed	
Development of New Multi-target Inhibitor Against Hepatitis-C Infection Based on Barbituric Acid Derivatives	2011
Funding Agency: HEC Pakistan	
Amount: PKR 500,001.00	
Status: Completed	
Analyzing the Tumor Educated Platelets (TEP) as Potential Bio-Marker in Molecular Diagnosis of Liver Cancer: A minimally Invasive Approach alternative to Tissue Biopsy	2017
Funding Agency: HEC	
Amount: PKR 4,760,000.00	
Status: Completed	
Designing, establishment and validation of non-invasive diagnostic kit of endemic viral infections in Pakistan.	2017
Funding Agency: HEC, PAKISTAN	
Amount: PKR 4,200,000.00	
Status: Completed	

International Projects

Research Articles

Bayesian evaluation of phage therapy efficacy against multidrug-resistant Acinetobacter baumannii	2025
Momna Arooj Malik Sobia Manzoor Javed Ashraf	
International Journal of Antimicrobial Agents, Volume:66, Issue:2, Article Number 107508	
Impact Factor: 4.900 Quartile: 1 Citations: 1	
DOI: https://doi.org/10.1016/j.ijantimicag.2025.107508	
Support Vector Machine Outperforms Other Machine Learning Models in Early Diagnosis of Dengue Using Routine Clinical Data	2024
Ariba Qaiser Sobia Manzoor Asraf Hussain Hashmi Hasnain Javed Anam Zafar Javed Ashraf	
Advances in Virology, Volume 2024, Article ID 5588127, 9 pages	
Impact Factor: 1.100 Quartile: 4 Citations: 1	
DOI: https://doi.org/10.1155/2024/5588127	

Chemical Profile, Antibacterial Activity and Antioxidant Activity of Bark Volatile Oil of Terminalia arjuna <i>Mahd Rauf Azeem Intisar Sobia Manzoor Uzma Qaisarc Shehar Bano Ejaz Ahmed Zeeshan Mutahir Noor Ul Ain</i> <i>Chemistry and Biodiversity</i> , Volume: 21, Issue: 10, Article Number: e202400951 Impact Factor: 2.300 Quartile: 3 DOI: 10.1002/cbdv.202400951	2024
Extracellular Vesicles Contribute to Viral-Induced Hepatocellular Carcinoma: Understanding Their Involvement in Viral Hepatitis and Their Potential as Biomarkers for Early Hepatocellular Carcinoma Detection <i>Fatima Tahir Mariya Farooq Maliha Ashraf Malik Sobia Manzoor</i> <i>Viral Immunology</i> , Vol: 37, No. 3, Pages:159-166 PubMed: 38588555 Impact Factor: 2.2 Quartile: 4 Citations: 1 DOI: 10.1089/vim.2023.0151	2024
The potential of IFN-λ, IL-32γ, IL-6, and IL-22 as safeguards against human viruses: a systematic review and a meta-analysis <i>Areej A. Sattar Ariba Qaiser Hina Kausar Sarah Aqil Rida Mudassar Sobia Manzoor Javed Ashraf</i> <i>Frontiers in Immunology</i> , Volume 15, Article Number 1303115 Impact Factor: 7.300 Quartile: 1 DOI: 10.3389/fimmu.2024.1303115	2024
Antioxidants and Calcium Modulators Preclude in Vitro Hepatitis B Virus–Induced Mitochondrial Damage <i>Aneela Javed Kehkshan Jabeen Shaheen Shahzad Sobia Manzoor</i> <i>Turkish Journal of Gastroenterology</i> , Volume 34, Issue 10, Pages 1052-1061 Impact Factor: 1.2 Quartile: 4 Citations: 1 DOI: 10.5152/tjg.2023.21290	2023
Interleukin-22 promotes the proliferation and migration of hepatocellular carcinoma cells via the phosphoinositide 3-kinase (PI3K/AKT) signaling pathway <i>Fizzah Mansur Tanzeela Arshad Vaclav Liska Sobia Manzoor</i> <i>Molecular Biology Reports</i> , Volume 50, Issue 7, Pages 5957-5967 Impact Factor: 2.8 Quartile: 3 Citations: 5 DOI: https://doi.org/10.1007/s11033-023-08542-x	2023
Pilot-scale production of highly durable bioactive and UV-protective cotton fabric by electroless deposition of copper oxide on cotton fabric <i>SOBIA MANZOOR Anum Nosheen Madiha Khalid Munir Ashraf Zhebin Xue Saba Akram Daniyal Sajid Khan Sidra Urooj Asraf Hussain Hashmi</i> <i>Cellulose</i> , Volume:30, Issue:4, Page:2573-2595 Impact Factor: 6.123 Quartile: 1 Citations: 17 DOI: 10.1007/s10570-022-05009-3	2023
Development of novel antiviral nanofinishes for bioactive textiles <i>Farheen Afzal Munir Ashraf Sobia Manzoor Humaira Aziz Anum Nosheen Shagufta Riaz</i> <i>Polymer Bulletin</i> , Polymer Bulletin Impact Factor: 2.843 Quartile: 3 Citations: 16 DOI: https://link.springer.com/article/10.1007/s00289-022-04461-2	2022
P2X4 receptors mediate induction of antioxidants, fibrogenic cytokines and ECM transcripts; in presence of replicating HCV in in vitro setting: An insight into role of P2X4 in fibrosis <i>Sobia Manzoor Madiha Khalid Muhammad Idrees</i> <i>PLoS ONE</i> , Volume:17, Issue:5 May, Impact Factor: 3.240 Quartile: 2 Citations: 2 DOI: 10.1371/journal.pone.0259727	2022
Emergence and Persistence of Resistance-Associated Substitutions in HCV GT3 Patients Failing Direct-Acting Antivirals <i>Sobia Manzoor Saima Mushtaq Asraf Hussain Hashmi Amjad Khan Syed Muhammad Asad Raza Kazmi</i> <i>Frontiers in Pharmacology</i> , Volume 13, Article Number 894460 Impact Factor: 5.810 Quartile: 1 Citations: 12 DOI: 10.3389/fphar.2022.894460	2022
Platelets' RNA as biomarker trove for differentiation of early-stage hepatocellular carcinoma from underlying cirrhotic nodules <i>SOBIA MANZOOR Walifa Waqar Sidra Asghar</i>	2021

The global emergence of Chikungunya infection: An integrated view

2021

SOBIA MANZOOR Farakh Javed Khanzadi Nazneen Manzoor Muhammad Ejaz Mubashar Ali Neelam Mujaddadi Abid Ali Khan Aamer Ali Khattak Assad

Zaib Ibrar Ahmad Waqar Khalid Saeed

REVIEWS IN MEDICAL VIROLOGY, 2021;e2287. doi:10.1002/rmv.2287, 1-13

Impact Factor: 6.989 | **Quartile:** 1 | **Citations:** 31

DOI: <https://doi.org/10.1002/rmv.2287>

Comparative analysis of Bacterial Vaginosis microbiota among pregnant and non-pregnant females and isolation of phages against *Enterococcus faecalis*, *Enterococcus faecium*, and *Shigella flexneri* strains

2020

Ayesha Javed Sobia Manzoor

Microbial Pathogenesis, Volume 149, Article Number 104588

Impact Factor: 1.563 | **Quartile:** 3 | **Citations:** 8

DOI: <https://doi.org/10.1016/j.micpath.2020.104588>

Direct-acting antiviral agents in the treatment of chronic hepatitis C-Real-life experience from clinical practices in Pakistan

2020

Saima Mushtaq Atika Mansoor Muhammad Umar Amjad Khan Saima Siddiqi Sobia Manzoor

Journal of Medical Virology, Volume 92, Issue 12, Pages 3475-3487

Impact Factor: 2.327 | **Quartile:** 4 | **Citations:** 11

DOI: <https://doi.org/10.1002/jmv.25745>

Tumor educated platelets, a promising source for early detection of hepatocellular Carcinoma: liquid biopsy an alternative approach to tissue biopsy

2020

Sidra Asghar Walifa Waqar Muhammad Umar Sobia Manzoor

Clinics and Research in Hepatology and Gastroenterology, Volume 44, Issue 6, Pages 836-844

Impact Factor: 2.947 | **Quartile:** 3 | **Citations:** 23

DOI: <https://doi.org/10.1016/j.clinre.2020.03.023>

Induction of Profibrotic Microenvironment via TLR4 MyD88-Dependent and -Independent Inflammatory Signaling in Chronic Hepatitis C Virus Infection

2020

Sarah Khalil Maliha Ashraf Malik Kandeel Shafique Sarah Gul Farakh Javed Sobia Manzoor Sarah Khalil Maliha Ashraf Malik Kandeel Shafique Sarah Gul Farakh Javed

Viral Immunology, Volume 33 Issue 9, Pages 585-593

Impact Factor: 2.175 | **Quartile:** 4 | **Citations:** 5

DOI: <https://doi.org/10.1089/vim.2019.0175>

A Double Edged Sword Role of Interleukin-22 in Wound Healing and Tissue Regeneration

2020

Tanzeela Arshad Sobia Manzoor Fizzah Mansur Richard Palek Vaclav Liska Tanzeela Arshad Fizzah Mansur Richard Palek Vaclav Liska

Frontiers in Immunology, Volume 11, Article Number 2148

Impact Factor: 7.561 | **Quartile:** 1 | **Citations:** 81

DOI: doi: 10.3389/fimmu.2020.02148

Efficacy and Safety of Generic Sofosbuvir Plus Daclatasvir and Sofosbuvir/Velpatasvir in HCV Genotype 3-Infected Patients: Real-World Outcomes From Pakistan

2020

Sobia Manzoor Saima Mushtaq Tayyab Saeed Akhter Amjad Khan Aamir Sohail Arshad Khan

Frontiers in Pharmacology, Volume 11, Article Number 550250

Impact Factor: 5.811 | **Quartile:** 1 | **Citations:** 19

DOI: doi: 10.3389/fphar.2020.550205

A comparative analysis of interferons and direct-acting antivirals on the expression of genes involved in hepatitis C pathogenesis

2020

Mariya Farooq Mahd Rauf Fatima Tahir Sobia Manzoor

Journal of Medical Virology, Pages 1-6

Impact Factor: 2.327 | **Quartile:** 4 | **Citations:** 2

DOI: 10.1002/jmv.26351

Mechanistic study of interaction between IL-22 and HCV core protein in the development of hepatocellular carcinoma among liver transplant recipients

2020

Saleha Resham Muhammad Saalim Sobia Manzoor Hassam Ahmad Tariq Ali Bangash Amer Latif Shahla Jaleel

Microbial Pathogenesis, Volume 142, Article Number 104071

Impact Factor: 3.738 Quartile: 2 Citations: 10 DOI: https://doi.org/10.1016/j.micpath.2020.104071	
CD81(+) Exosomes Play a Pivotal Role in the Establishment of Hepatitis C Persistent Infection and Contribute Toward the Progression of Hepatocellular Carcinoma <i>Maliha Ashraf Malik Javeria Ishtiyag Ali Mirza Muhammad Umar Sobia Manzoor</i> <i>Viral Immunology</i> , Vol. 32, No. 10, Pages 453-462 Impact Factor: 1.716 Quartile: 4 Citations: 25 DOI: DOI: 10.1089/vim.2019.0077	2019
Role of purinergic receptors in hepatobiliary carcinoma in Pakistani population: an approach towards proinflammatory role of P2X4 and P2X7 receptors <i>Sobia Maznoor Arun Asif Madiha Khalid Hassam Ahmad Aman Ur Rehman</i> <i>Purinergic Signalling</i> , Volume 15 Issue 3 Page: 367-374 Impact Factor: 3.065 Quartile: 2 Citations: 42 DOI: 10.1007/s11302-019-09675-0	2019
Multifaceted role of cancer educated platelets in survival of cancer cells <i>Sobia Manzoor Sidra Asghar Fahed Parvaiz</i> <i>THROMBOSIS RESEARCH</i> , Volume 177 Pages 42-50 Impact Factor: 2.869 Quartile: 2 DOI: 10.1016/j.thromres.2019.02.026.	2019
Pre-emptive dengue control strategy in Pakistan <i>Farakh Javed Muhammad Hamza Sobia Manzoor Fizzah Mansur Rasool Khan</i> <i>Journal of Medical Virology</i> , Volume 91, Issue 4, Pages 523-524 Impact Factor: 2.021 Quartile: 4 DOI: https://doi.org/10.1002/jmv.25323	2019
IL-22 in hepatocyte's survival of Pakistani patients with end stage liver disease: an insight into IL 22 mediated hepato-regenerative pathway <i>Sobia Manzoor Muhammad Saalim Hassam Ahmad Tariq Ali Bangash Amir Latif Shahla Jaleel Saleha Resham</i> <i>Molecular Biology Reports</i> , Volume 46, Issue 1, Pages 1127-1138 Impact Factor: 1.402 Quartile: 4 Citations: 5 DOI: 10.1007/s11033-018-04573-x	2019
Bacterial vaginosis: An insight into the prevalence, alternative treatments regimen and it's associated resistance patterns <i>Sobia Manzoor Ayesha Javeda Fahed Parvaiz</i> <i>Microbial Pathogenesis</i> , Volume: 127 Pages: 21-30 Impact Factor: 2.914 Quartile: 3 Citations: 104 DOI: 10.1016/j.micpath.2018.11.046	2019
Purinoreceptor expression in hepatocellular virus (HCV)-induced and non-HCV hepatocellular carcinoma: an insight into the proviral role of the P2X4 receptor <i>Sobia Manzoor Madiha Khalid Hassam Ahmad Arun Asif Tariq Ali Bangash Amer Latif Shahla Jaleel</i> <i>Molecular Biology Reports</i> , Volume 45, Issue 6, Pages 2625-2630 Impact Factor: 2.107 Quartile: 3 Citations: 24 DOI: 10.1007/s11033-018-4432-0	2018
HCV non-structural NS4A protein of genotype 3a induces mitochondria mediated death by activating Bax and the caspase cascade <i>Sobia Manzoor Farakh Javed</i> <i>Microbial Pathogenesis</i> , Volume: 124 Pages: 346-355 Impact Factor: 2.581 Quartile: 3 Citations: 8 DOI: 10.1016/j.micpath.2018.08.065	2018
Interleukin-6 Rescues Lymphocyte from Apoptosis and Exhaustion Induced by Chronic Hepatitis C Virus Infection <i>Sidrah Nadeem Sobia Manzoor Aneela Javed Sadaf Abbas</i> <i>Viral immunology</i> , Volume: 31 Issue: 9 Pages: 624-631 Impact Factor: 1.417 Quartile: 4 Citations: 16 DOI: 10.1089/vim.2018.0045	2018
Metabolic syndrome: an update on diagnostic criteria, pathogenesis, and genetic links <i>Uzma Zafar Saba Khaliq Hafiz Usman Ahmad Khalid P. Lone Sobia Manzoor</i>	2018

Impact Factor: 1.643 | **Quartile:** 4

DOI: 10.1007/s42000-018-0051

Distribution of IL28B and IL10 polymorphisms as genetic predictors of treatment response in Pakistani HCV genotype 3 patients

2018

Humaira Naeemi Rabia Aslam Syed Mohsin Raza Muhammad Aiman Shahzad Shagufta Naz Sobia Manzoor Saba Khaliq
Archives of Virology, NULL

Impact Factor: 2.261 | **Quartile:** 3 | **Citations:** 11

DOI: 10.1007/s00705-018-3711-3

Interleukin-6: A promising cytokine to support liver regeneration and adaptive immunity in liver pathologies

2018

Sidrah Naseem Tabinda Hussain Sobia Manzoor
Cytokine and Growth Factor Reviews, Volume 39, Pages 36-45

Impact Factor: 5.458 | **Quartile:** 1 | **Citations:** 54

DOI: 10.1016/j.cytogfr.2018.01.002

Zika virus: what we need to know?

2018

Farakh Javed Khanzadi N. Manzoor Mubashar Ali Irshad U. Haq Abid A. Khan Assad Zaib Sobia Manzoor
Journal of Basic Microbiology, NULL

Impact Factor: 1.760 | **Quartile:** 4 | **Citations:** 50

DOI: 10.1002/jobm.201700398

Zika Virus: Immune Evasion Mechanisms, Currently Available Therapeutic Regimens, and Vaccines

2017

Arun Asif Sobia Manzoor Fatima-Tuz-Zahra Muhammad Saalim Maliha Ashraf Javeria Ishtiyahq Madiha Khalid
Viral Immunology, NULL

Impact Factor: 1.531 | **Quartile:** 4 | **Citations:** 19

DOI: 10.1089/vim.2017.0046

In-Vitro Transcription analysis of NS5A from HCV-3a circulating in Pakistani patients with chronic hepatitis C and their differential response to antiviral therapy

2017

Shameem Bhatti Sobia Manzoor Fahed Parvaiz Javed Ashraf Farakh Javed
Pakistan Journal of Medical Sciences, NULL

Impact Factor: 0.719 | **Quartile:** 4

DOI: 10.12669/pjms.335.12973

Hepatitis C virus induces oxidative stress and DNA damage by regulating DNAPKCs, ATM, ATR and PARP mediated signaling and guards cell from cancerous condition by upregulating RB, P53 and downregulating VEGF

2017

Umar Saeed Zara Zahid Piracha Sobia Manzoor
Acta Virologica, Volume 61(3), Pages 316-323

Impact Factor: 0.696 | **Quartile:** 4 | **Citations:** 11

DOI: 10.4149/av_2017_310

Quantitative evaluation of insulin resistance markers in Pakistani patients suffering from HCV-associated type 2 diabetes mellitus

2017

Shaista Sabir Fahed Parvaiz Muhammad Saalim Sobia Manzoor Ejaz Ghani
Acta Virologica, Volume: 61, Issue: 2, Pages: 197-203

Impact Factor: 0.696 | **Quartile:** 4 | **Citations:** 2

DOI: DOI:10.4149/av_2017_02_10

PTEN: A potential prognostic marker in virus-induced hepatocellular carcinoma

2017

Ayesha Khalid Tabinda Hussain Sobia Manzoor Muhammad Saalim Saba Khaliq Ayesha Khalid Tabinda Hussain Muhammad Saalim Saba Khaliq
Tumor Biology, Volume: 39, Issue: 6

Impact Factor: N/A | **Citations:** 38

DOI: DOI:10.1177/1010428317705754

Carcinoma-specific expression of P2Y(11) receptor and its contribution in ATP-induced purinergic signalling and cell migration in human hepatocellular carcinoma cells

2017

Madiha Khalid Lucie Brisson Menahil Tariq Yunjie Hao Roseline Guibon Gaelle Fromont Sharifah Alawieyah Syed Mortadza Fatema Mousawi Sobia Manzoor Sebastien Roger Lin-Hua Jiang

Oncotarget, Volume: 8, Issue: 23, Pages 37278-37290

Impact Factor: N/A | **Citations:** 38

DOI: DOI:10.18632/oncotarget.16191

Outbreak of chikungunya in Pakistan <i>Mahd Rauf Fatima-tuz-Zahra Azra Mehmood Shameem Bhatti Mahd Rauf Fatima-tuz-Zahra Sobia Manzoor Azra Mehmood Shameem Bhatti</i> <i>The Lancet Infectious Diseases</i> , Volume 17, No. 3, Article Number 258 Impact Factor: 25.148 Quartile: 1 Citations: 56 DOI: DOI:http://dx.doi.org/10.1016/S1473-3099(17)30074-9	2017
Structural Evaluation of Purinergic Receptor (P2x4) Receptor Interaction With HCV Envelop Protein E1: A Potential Target For Drug <i>Madiha Khalid Sobia Manzoor</i> <i>International Journal of Advances in Science, Engineering and Technology</i> , Volume 4, Issue 3, Spl. Issue 2, Pages 58-62 Impact Factor: - DOI: -	2016
Molecular epidemiology and clinical features of Hepatitis C Virus (HCV) in epidemic areas of Interior Sindh, Pakistan <i>Shameem Bhatti Sobia Manzoor</i> <i>Pakistan Journal of Medical Sciences</i> , Volume 32(5), Pages 1279-1282 Impact Factor: 0.696 Quartile: 4 Citations: 6 DOI: doi:10.12669/pjms.325.10429	2016
Inotropic Purinergic Receptors P2X4 and P2X7: Proviral or Antiviral? An Insight into P2X Receptor Signaling and Hepatitis C Virus Infection <i>Sobia Manzoor Umair Akhtar Sidrah Naseem Madiha Khalid Misha Mazhar Fahed Parvaiz Saba Khaliq</i> <i>Viral immunology</i> , Vol.29(7), Pages 401-408 Impact Factor: 1.432 Quartile: 4 Citations: 20 DOI: doi:10.1089/vim.2016.0008	2016
IL-22: a promising candidate to inhibit viral-induced liver disease progression and hepatocellular carcinoma <i>Muhammad Saalim Saleha Resham Sobia Manzoor Hassam Ahmad Shahla Jaleel Javed Ashraf Muhammad Imran Sidrah Naseem</i> <i>Tumour Biology</i> , Volume 37(1), Pages 105-114 Impact Factor: 3.650 Quartile: 2 Citations: 21 DOI: doi:10.1007/s13277-015-4294-1	2016
Hepatitis C virus NS5A promotes insulin resistance through IRS-1 serine phosphorylation and increased gluconeogenesis <i>Fahad Parvaiz Sobia Manzoor Jawed Iqbal Mehuli Sarkar-Dutta Muhammad Imran Gulam Waris</i> <i>World Journal of Gastroenterology</i> , Volume 21, Issue 43, Pages 12361-12369 Impact Factor: 2.787 Quartile: 2 Citations: 27 DOI: 10.3748/wjg.v21.i43.12361	2015
NS3-4A and NS4A proteins of hepatitis C virus regulate the apoptotic proteins expression in Huh-7 cells <i>Farakh Javed Sobia Manzoor Aamer Ali Khattak Naureen Aurangzeb Sadiq Noor Khan Darima Habib Afshan Saleem</i> <i>International Journal of Biosciences</i> , Volume 7, No. 5, Pages 9-15 Impact Factor: - DOI: doi:http://dx.doi.org/10.12692/ijb/7.5.9-15	2015
Interleukin- 28B: a prognostic marker in interferon based therapy of chronic HCV patients of the Pakistan with variable treatment response <i>Saleha Resham Sobia Manzoor Muhammad Imran Muhammad Saalim Sidrah Naseem Sikandar Azam</i> <i>APMIS</i> , Volume 123(9), Pages 765-771 Impact Factor: 1.933 Quartile: 2 Citations: 5 DOI: 10.1111/apm.12414	2015
Molecular characterization and fluorescence analysis of HCV non-structural proteins NS3, NS3-4A and NS4A of genotype 3a <i>Farakh Javed Sobia Manzoor A. Ali Khattak Muhammad Imran F. Parvaiz J. Ashraf H. Tariq S. Bhatti</i> <i>Acta Virologica</i> , Volume 59, No.3, Pages 284-294 Impact Factor: 1.222 Quartile: 4 Citations: 2 DOI: DOI: 10.4149/av_2015_03_284	2015
Role of Interferon Gamma and Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Receptor 1 Single Nucleotide Polymorphism in Natural Clearance and Treatment Response of HCV Infection <i>Sikandar Azam Sobia Manzoor Muhammad Imran Javed Ashraf Sarah Ashraf Saleha Resham Eijaz Ghani</i>	2015

<p><i>Viral Immunology</i> , Volume 28, Number 4, Pages 222-228</p> <p>Impact Factor: 1.513 Quartile: 4 Citations: 5</p> <p>DOI: DOI:10.1089/vim.2014.0111</p>	
<p>Genetic variant of IL28B rs12979860, as predictive marker of interferon-based therapy in Pakistani population</p> <p><i>Muhammad Imran Sobia Manzoor Sikander Azam Saleha Resham</i></p> <p><i>APMIS</i> , Volume 123(4), Pages 342-349</p> <p>Impact Factor: 1.933 Quartile: 2 Citations: 13</p> <p>DOI: 10.1111/apm.12365</p>	2015
<p>Contemplating the Importance of Toll-like Receptors I and II Regarding Human Viral Pathogenesis</p> <p><i>Umar Saeed Sobia Manzoor Nasir Jalal Zahra Zahid Piracha</i></p> <p><i>Jundishapur Journal of Microbiology</i> , Volume 8(1), Article Number e13348</p> <p>Impact Factor: 0.655 Quartile: 4 Citations: 10</p> <p>DOI: doi:10.5812/jjm.13348</p>	2015
<p>Predictive potential of IL-18 -607 and osteopontin -442 polymorphism in interferon-based therapy of HCV infection in the Pakistani population</p> <p><i>Sobia Manzoor Muhammad Imran Fahed Parvaiz</i></p> <p><i>Viral Immunology</i> , Volume 27, Issue 8, Pages 404-411</p> <p>Impact Factor: 1.446 Quartile: 4 Citations: 11</p> <p>DOI: 10.1089/vim.2014.0044</p>	2014
<p>Hepatitis C virus infection in vitro triggers endoplasmic reticulum stress and downregulates insulin receptor substrates 1 and 2 through upregulation of cytokine signaling suppressor 3</p> <p><i>Sobia Manzoor Qazi Laeeque Ahmed Muqddas Tariq Madiha Khalid Waseem Ashraf Fahed Parvaiz Muhammad Imran</i></p> <p><i>Acta Virologica</i> , Volume:58, Issue:3, Page:238-244</p> <p>Impact Factor: 1.280 Quartile: 3 Citations: 6</p> <p>DOI: 10.4149/av_2014_03_238</p>	2014
<p>Current and future therapies for hepatitis C virus infection: From viral proteins to host targets</p> <p><i>Sobia Manzoor Muhammad Imran Nasir Mahmood Khattak Madiha Khalid Qazi Laeeque Ahmed Fahed Parvaiz Muqddas Tariq Javed Ashraf Waseem Ashraf Sikandar Azam Muhammad Ashraf</i></p> <p><i>Archives of Virology</i> , Volume 159, Issue 5, Pages 831-846</p> <p>Impact Factor: 2.390 Quartile: 3 Citations: 13</p> <p>DOI: 10.1007/s00705-013-1803-7</p>	2014
<p>Hepatitis C virus nonstructural protein 5A favors upregulation of gluconeogenic and lipogenic gene expression leading towards insulin resistance: A metabolic syndrome</p> <p><i>Sobia Manzoor Fahed Parvaiz Jawed Iqbal Steven McRae Farrakh Javed Qazi Laeeque Ahmed Gulam Waris</i></p> <p><i>Archives of Virology</i> , Volume 159, Issue 5, Pages 1017-1025</p> <p>Impact Factor: 2.390 Quartile: 3 Citations: 26</p> <p>DOI: 10.1007/s00705-013-1892-3</p>	2014
<p>Investigation of biomarkers in peripheral blood cells of Pakistani chronic HCV patients with genotype 3a: An assessment of HCV-induced pathogenesis</p> <p><i>Sobia Manzoor Madiha Khalid Muqddas Tariq Muhammad Imran Waseem Ashraf Qazi Laeeque Ahmed Farakh Javed</i></p> <p><i>Future Virology</i> , Volume 9, Issue 3, Pages 275-282</p> <p>Impact Factor: 1.011 Quartile: 4 Citations: 1</p> <p>DOI: 10.2217/fvl.14.4</p>	2014
<p>Correlation of OAS1 gene polymorphism at exon 7 splice acceptor site with interferon-based therapy of HCV infection in Pakistan</p> <p><i>Sobia Manzoor Muhammad Imran Nasir Mahmood Khattak Muqddas Tariq Madiha Khalid Farakh Javed Shameem Bhatti</i></p> <p><i>Viral Immunology</i> , Volume 27, Issue 3, Pages 105-111</p> <p>Impact Factor: 1.446 Quartile: 4 Citations: 18</p> <p>DOI: 10.1089/vim.2013.0107</p>	2014
<p>Risk Factors Associated with Transmission of Hepatitis B and Hepatitis C Virus in Pakistan</p> <p><i>Sobia Manzoor Umar Saeed</i></p> <p><i>Global Journal of Medical research: F Diseases</i> , Volume 14, Issue 1, Pages 14-19</p> <p>Impact Factor: N/A</p> <p>DOI:</p> <p>https://www.researchgate.net/publication/283900056_Risk_Factors_Associated_with_Transmission_of_Hepatitis_B_and_Hepatitis_C_Virus_in_Pakistan</p>	2014

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Editorial Activities

PLoS One Reviewed Papers for Journals Impact Factor: 3.752	2021
Infection and Drug Resistance Reviewed Papers for Journals Impact Factor: 4.177	2021
Breast Cancer-Targets and Therapy Reviewed Papers for Journals Impact Factor: 5.088	2021
Viral Immunology Reviewed Papers for Journals Impact Factor: 2.175	2021
 Reviewed Papers for Journals Impact Factor: 1.8	2021
 Reviewed Papers for Journals Impact Factor: 3.3	2021
 Reviewed Papers for Journals Impact Factor: 3.24	2021
 Reviewed Papers for Journals Impact Factor: 1.67	2021
 Reviewed Papers for Journals Impact Factor: 3.24	2021
 Edited Journal Issue / Proceeding / Book Impact Factor: 0.29	2021
 Reviewed Papers for Journals Impact Factor: 2.83	2020
 Reviewed Papers for Journals Impact Factor: 5.5	2020
 Reviewed Papers for Journals Impact Factor: 2.049	2019

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A composition for construction of dual expression construct "Anti-HBV Cargo" designed as a CRISPR/Cas9 mediated therapeutic strategy to counter HBV persistence"	2023
Status: Filed	
Non-invasive kit for diagnosis of Human Immunodeficiency Virus	2019
Status: Licensed Filed	
Non-invasive kit for diagnosis of Hepatitis C Virus	2019
Status: Licensed Filed	
Non-invasive kit for diagnosis of Hepatitis B Virus	2019
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