

## Yasmin Badshah

Associate Professor

Atta-Ur-Rahman School of Applied Biosciences

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## About

Dr. Yasmin Badshah is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Yasmin Badshah has a PhD in viral cancers. Dr. Yasmin Badshah has published 41 research articles & conference papers having a citation count of 381, carried out 1 projects and filed 2 intellectual property.

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## Qualifications

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| <b>PhD in viral cancers</b><br>University of the Punjab , Pakistan                         | 2016 - 2021 |
| <b>MPhil in Microbiology</b><br>University of the Punjab , Pakistan                        | 2015 - 2010 |
| <b>MSc in Zoology</b><br>Arid Agriculture University , Pakistan                            | 2002 - 2004 |
| <b>BSc in Zoology,Chemistry, Applied Psychology</b><br>University of the Punjab , Pakistan | 2000 - 2002 |

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## Experience

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| <b>Associate Professor</b><br>Atta-Ur-Rahman School of Applied Biosciences                   | 2025- Present |
| <b>Assistant Professor</b><br>Atta-Ur-Rahman School of Applied Biosciences                   | 2017 - 2017   |
| <b>Lecturer</b><br>Atta-Ur-Rahman School of Applied Biosciences                              | 2012 - 2017   |
| <b>Senior Research Associate</b><br>Atta-Ur-Rahman School of Applied Biosciences             | 2012 - 2012   |
| <b>Senior Research Associate</b><br>Atta-Ur-Rahman School of Applied Biosciences             | 2008 - 2012   |
| <b>microbiologist</b><br>genetix lab , genetix lab, saed pur road,kali tanky stop,rawalpindi | 2007 - 2008   |

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## Research Projects

### National Projects

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| <b>Crosstalk of genetic markers between metabolism and immunity; targeting hallmarks of breast cancer</b><br>Funding Agency: HEC<br>Amount: PKR 7,601,000.00<br>Status: Completed | 2022 |
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### International Projects

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## Research Articles

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| <b>Computational insights into PKCθ non-synonymous SNPs: from structural changes to functional implications</b><br>Amna Hafeez Andleeb Farooq Maria Shabbir Yasmin Badshah Naeem Mahmood Ashraf Janeen H Trembley Tayyaba Afsar Ali Abusharha Sameen Zafar Suhail Razaq | 2025 |
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**Impact Factor:** 2.400 | **Quartile:** 3

**DOI:** 10.1080/07391102.2025.2550618

**Missense variants in PRKCD: elucidating their potential association with breast cancer**

2025

*Sameen Zafar Yasmin Badshah Maria Shabbir Uzma Mussarat Asma Latif Janeen H Trembley Tayyaba Afsar Fohad Mabood Husain Suhail Razak*

*Breast Cancer Research* , Volume 27, Article Number: 139

**Impact Factor:** 5.600 | **Quartile:** 1

**DOI:** <https://doi.org/10.1186/s13058-025-02090-x>

**Association of PRKCQ variants with breast cancer susceptibility and clinicopathological features**

2025

*Amna Hafeez Maria Shabbir Yasmin Badshah Andleeb Farooq Janeen H. Trembley Tayyaba Afsar Dara Aldisi Suhail Razzak*

*BMC Cancer* , Volume:25, Issue:1, Article Number 1069

**Impact Factor:** 3.400 | **Quartile:** 2

**DOI:** <https://doi.org/10.1186/s12885-025-14471-8>

**Zapotin mitigates breast cancer progression by targeting PKCε mediated glycolytic pathway regulation**

2025

*Khushbukhat Khan Maryam Anwar Yasmin Badshah Naeem Mahmood Ashraf Arslan Hamid Janeen H. Trembley Maria Shabbir Tayyaba Afsar Fohad*

*Mabood Husain Dilawar Khan Suhail Razak*

*BMC Cancer* , Volume:25, Issue:1, Article Number 798

**Impact Factor:** 3.400 | **Quartile:** 2

**DOI:** <https://doi.org/10.1186/s12885-025-14202-z>

**Unravelling the role of PRKCI and key-cancer related genes in breast cancer development and metastasis**

2025

*Hania Shah Khushbukhat Khan Yasmin Badshah Janeen H. Trembley Naeem Mahmood Ashraf Maria Shabbir Suhail Razak Dara Aldisi Tayyaba Afsar Dilawar Khan*

*Discover Oncology* , Volume 16, Article Number 350

**Impact Factor:** 2.800 | **Quartile:** 2

**DOI:** 10.1007/s12672-025-02133-x.

**HCV and HBV Genotypes: Vital in the Progression of HCV/ HBV Co-Infection**

2025

*Yasmin Badshah Maria Shabbir Khushbukhat Khan Sameen Zafar Tayyaba Afsar Fohad mabood Husain Houda Amor Suhail Razak*

*BMC Gastroenterology* , Volume: 25, Article Number: 6, Pages:09

**Impact Factor:** 2.5 | **Quartile:** 3

**DOI:** <https://doi.org/10.1186/s12876-025-03587-7>

**Investigating the role of non-synonymous variant D67N of ADGRE2 in chronic myeloid leukemia**

2024

*Ayesha Afzal Harooma Jamshaid Yasmin Badshah Maria Shabbir Janeen H. Trembley Sameen Zafar Ghulam Murtaza Kamal Tayyaba Afsar Fohad Mabood Husain Suhail Razak*

*BMC Cancer* , Volume 24, Article Number: 1354

**Impact Factor:** 3.400 | **Quartile:** 2

**DOI:** <https://doi.org/10.1186/s12885-024-13108-6>

**Genetic Variants at PRKCG Splice and UTR Sites Promote Cancer Susceptibility by Disrupting Epigenetic and miRNA Regulatory Network**

2024

*Fizzah Abid Khushbukhat Khan Yasmin Badshah Maria Shabbir Janeen H Trembley Naeem Mahmood Ashraf Tayyaba Afsar Ali Almajwal Suhail Razak*

*Journal of Cancer* , Vol: 15, Issue: 20, Paegs: 6644-6657

**Impact Factor:** 3.3 | **Quartile:** 2

**DOI:** doi:10.7150/jca.100911

**Pathogenic nsSNPs of protein kinase C-eta with hepatocellular carcinoma susceptibility**

2024

*Tayyaba Hussain Yasmin Badshah Maria Shabbir Fizzah Abid Ghulam Murtaza Kamal Amna Fayyaz Janeen H. Trembley Tayyaba Afsar Ali Almajwal Suhail Razak*

*Cancer Cell International* , Volume 24, Article Number: 346

**Impact Factor:** 5.300 | **Quartile:** 1

**DOI:** <https://doi.org/10.1186/s12935-024-03536-6>

**Genetic polymorphism in untranslated regions of PRKCZ influences mRNA structure, stability and binding sites**

2024

*Aneela Mustafa Maria Shabbir Yasmin Badshah Fizzah Abid Janeen H Trembley Tayyaba Afsar Khushbukhat Khan Ali Almajwal Suhail Razak*

*BMC Cancer* , Volume 24(1), Article Number: 1147

**Impact Factor:** 3.400 | **Quartile:** 2 | **Citations:** 1

**DOI:** 10.1186/s12885-024-12900-8

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| <p><b>Possible prognostic impact of PKC<math>\zeta</math> genetic variants in prostate cancer</b></p> <p><i>Amna Hafeez Maria Shabbir Khushbukhat Khan Janeen H. Trembley Yasmin Badshah Sameen Zafar Kanza Shahid Hania Shah Naeem Mahmood Ashraf Arslan Hamid Tayyaba Afsar Ali Almajwal Afifa Marium Suhail Razak</i></p> <p><i>Cancer Cell International</i> , Volume 24, Article Number 24</p> <p><b>Impact Factor:</b> 5.800   <b>Quartile:</b> 1   <b>Citations:</b> 1</p> <p><b>DOI:</b> 10.1186/s12935-023-03182-4</p>                                                                        | 2024 |
| <p><b>Cross talk of tumor protein D52 (TPD52) with KLF9, PKC<math>\epsilon</math>, and MicroRNA 223 in ovarian cancer</b></p> <p><i>Khushbukhat Khan Sameen Zafar Yasmin Badshah Naeem Mahmood Ashraf Mehak Rafiq Lubna Danish Maria Shabbir Janeen H. Trembley Tayyaba Afsar Ali Almajwal Suhail Razak</i></p> <p><i>Journal of Ovarian Research</i> , Volume 16, Issue 1, Article Number: 202</p> <p><b>Impact Factor:</b> 4.0   <b>Quartile:</b> 1   <b>Citations:</b> 2</p> <p><b>DOI:</b> <a href="https://doi.org/10.1186/s13048-023-01292-1">https://doi.org/10.1186/s13048-023-01292-1</a></p> | 2023 |
| <p><b>Impact of IL-12B Genetic Variants on Antiviral Treatment Response among Hepatitis B Patients in Pakistan</b></p> <p><i>Yasmin Badshah Maria Shabbir Sameen Zafar Uzma Mussarat Aamer Ikram Sumbal Javed Hashaam Akhtar</i></p> <p><i>Livers</i> , Volume 3, Issue 3, Pages 494-506</p> <p><b>Impact Factor:</b> N/A</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/livers3030034">https://doi.org/10.3390/livers3030034</a></p>                                                                                                                                                             | 2023 |
| <p><b>Exploring the prognostic significance of PKC<math>\epsilon</math> variants in cervical cancer</b></p> <p><i>Sameen Zafar Khushbukhat Khan Yasmin Badshah Kanza Shahid Janeen H Trembley Amna Hafeez Naeem Mahmood Ashraf Hamid Arslan Maria Shabbir Tayyaba Afsar Ali Almajwal Suhail Razak</i></p> <p><i>BMC Cancer</i> , Volume 23, Issue 1, Article Number 819</p> <p><b>Impact Factor:</b> 3.400   <b>Quartile:</b> 2   <b>Citations:</b> 2</p> <p><b>DOI:</b> <a href="https://doi.org/10.1186/s12885-023-11236-z">https://doi.org/10.1186/s12885-023-11236-z</a></p>                       | 2023 |
| <p><b>Investigating pathogenic SNP of PKC<math>\zeta</math> in HCV-induced hepatocellular carcinoma</b></p> <p><i>Naila Khan Khushbukhat Khan Yasmin Badshah Lubna Danish Janeen H Trembley Naeem Mahmood Ashraf Zafarul Hasan Maria Shabbir Tayyaba Afsar Ali Almajwal Suhail Razak Saira Justin</i></p> <p><i>Scientific Reports</i> , Volume 13, Article Number 12504</p> <p><b>Impact Factor:</b> 4.6   <b>Quartile:</b> 2</p> <p><b>DOI:</b> 10.1038/s41598-023-39804-0.</p>                                                                                                                      | 2023 |
| <p><b>Non-synonymous SNPs variants of PRKCG and its association with oncogenes predispose to hepatocellular carcinoma</b></p> <p><i>Fizzah Abid Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir Arslan Hamid Tayyaba Afsar Ali Almajwal Suhail Razak</i></p> <p><i>Cancer Cell International</i> , Volume 23, Article Number: 123</p> <p><b>Impact Factor:</b> 5.8   <b>Quartile:</b> 1   <b>Citations:</b> 8</p> <p><b>DOI:</b> 10.1186/s12935-023-02965-z</p>                                                                                                                     | 2023 |
| <p><b>Expression Profiles of Hepatic Immune Response Genes in HEV Infection</b></p> <p><i>yasmin Badshah Maria Shabbir Khushbukhat Khan Hashaam Akhtar</i></p> <p><i>Pathogens</i> , Volume 12(3), Article Number 392</p> <p><b>Impact Factor:</b> 4.531   <b>Quartile:</b> 2   <b>Citations:</b> 1</p> <p><b>DOI:</b> 10.3390/pathogens12030392</p>                                                                                                                                                                                                                                                   | 2023 |
| <p><b>Elucidating the role of missense SNP of protein kinase C epsilon in HCV-induced hepatocellular carcinoma</b></p> <p><i>Areeba Rehman Maria Shabbir Yasmin Badshah Khushbukhat Khan Janeen H Trembley Naeem Mahmood Ashraf Tayyaba Afsar Ali Almajwal Nawaf W Alruwaili Ali Alshamari Tariq Nahar Alanezi Suhail Razak</i></p> <p><i>BMC Cancer</i> , Volume 23, Article Number 147</p> <p><b>Impact Factor:</b> 4.638   <b>Quartile:</b> 2   <b>Citations:</b> 1</p> <p><b>DOI:</b> 10.1186/s12885-023-10618-7</p>                                                                               | 2023 |
| <p><b>Investigation of UTR Variants by Computational Approaches Reveal Their Functional Significance in PRKCI Gene Regulation</b></p> <p><i>Hania Shah Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir Janeen H. Trembley Tayyaba Afsar Ali Abusharha Suhail Razak</i></p> <p><i>Genes</i> , Volume 14, Issue 2, Article Number 247</p> <p><b>Impact Factor:</b> 4.141   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> 10.3390/genes14020247</p>                                                                                                                      | 2023 |
| <p><b>Pathogenicity of PKC<math>\gamma</math> Genetic Variants—Possible Function as a Non-Invasive Diagnostic Biomarker in Ovarian Cancer</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2023 |

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| <p><i>Kanza Shahid Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Arslan Hamid Janeen H Trembley Maria Shabbir Tayyaba Afsar Ali Almajwal Al Abusharha Suhail Razak</i></p> <p><i>Genes</i> , Volume 14, Issue 1, Article Number 236</p> <p><b>Impact Factor:</b> 4.141   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> doi.org/10.3390/ genes14010236</p>                                                                                                                                     |      |
| <p><b>Analyzing PKC Gamma (+19,506 A/G) polymorphism as a promising genetic marker for HCV-induced hepatocellular carcinoma</b></p> <p><i>Fizza Abid Talha Iqbal Khushbukhat Khan Yasmin Badshah Janeen H Trembley Naeem Mahmood Ashraf Maria Shabbir Tayyaba Afsar Ali Almajwal6 Suhail razzak</i></p> <p><i>Biomarker Research</i> , Springer Nature</p> <p><b>Impact Factor:</b> 8.633   <b>Quartile:</b> 1   <b>Citations:</b> 4</p> <p><b>DOI:</b> 10.1186/s40364-022-00437-6</p>                             | 2022 |
| <p><b>PRKCE non-coding variants influence on transcription as well as translation of its gene</b></p> <p><i>Khushbukhat Khan Sameen Zaffar Amna Hafeez Yasmin Badshah Kanza Shahid Naeem Mahmood Ashraf Maria Shabbir</i></p> <p><i>RNA Biology</i> , Volume 19, Issue 1, Pages 1115-1129</p> <p><b>Impact Factor:</b> 4.766   <b>Quartile:</b> 2   <b>Citations:</b> 8</p> <p><b>DOI:</b> 10.1080/15476286.2022.2139110</p>                                                                                       | 2022 |
| <p><b>Manipulation of Interleukin-6 (IL-6) and Transforming Growth Factor Beta-1(TGFβ-1) towards viral induced liver cancer pathogenesis</b></p> <p><i>Yasmin Badshah Maria Shabbir Khushbukhat Khan Maha Fatima Iqra Majoka Laiba Aslam Huda Munawar</i></p> <p><i>PLoS One</i> , Volume 17(10), Article Number e0275834</p> <p><b>Impact Factor:</b> 3.752   <b>Quartile:</b> 2   <b>Citations:</b> 2</p> <p><b>DOI:</b> 10.1371/journal.pone.0275834</p>                                                        | 2022 |
| <p><b>Influence of PRKCE non-synonymous variants on protein dynamics and functionality</b></p> <p><i>Khushbukhat Khan Hania Shah Areeba Rehman Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir</i></p> <p><i>Human Molecular Genetics</i> , Volume 31, Issue 13, Pages 2236-2261</p> <p><b>Impact Factor:</b> 5.121   <b>Quartile:</b> 1   <b>Citations:</b> 15</p> <p><b>DOI:</b> 10.1093/hmg/ddac029</p>                                                                                                       | 2022 |
| <p><b>Determining KLF14 tertiary structure and diagnostic significance in brain cancer progression</b></p> <p><i>Kainat Zahra Maria Shabbir Yasmin Badshah Janeen H trembley Zunaira Badar Khushbukhat Khan Tayyaba Afsar Ali Almajwal Nawaf W Alruwaili Suhail Razzak</i></p> <p><i>Scientific Reports</i> , Volume 12, Article Number 8039</p> <p><b>Impact Factor:</b> 4.996   <b>Quartile:</b> 2   <b>Citations:</b> 8</p> <p><b>DOI:</b> 10.1038/s41598-022-12072-0</p>                                       | 2022 |
| <p><b>Association of CTLA-4 and IL-4 polymorphisms in viral induced liver cancer</b></p> <p><i>Maria Shabbir Yasmin Badshah Khushbukhat Khan Janeen H trembley Areeb Rizwan Fatima Faraz Syeda Alveena Shah Marukh Farooqi Naeem Mahmood Ashraf Tayyaba Afsar Ali Almajwal Suhail Razzak Nawaf W. Alruwaili</i></p> <p><i>BMC Cancer</i> , Volume 22, Issue 1, Article Number 518</p> <p><b>Impact Factor:</b> 4.638   <b>Quartile:</b> 2   <b>Citations:</b> 13</p> <p><b>DOI:</b> 10.1186/s12885-022-09633-x</p> | 2022 |
| <p><b>Impact of deleterious missense PRKCI variants on structural and functional dynamics of protein</b></p> <p><i>Hania Shah Khushbukhat Khan Naila Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir</i></p> <p><i>Scientific Reports</i> , Volume 12, Issue 1, Article Number 3781</p> <p><b>Impact Factor:</b> 4.996   <b>Quartile:</b> 2   <b>Citations:</b> 7</p> <p><b>DOI:</b> 10.1038/s41598-022-07526-4</p>                                                                                         | 2022 |
| <p><b>Predicting 3D Structure, Cross Talks, and Prognostic Significance of KLF9 in Cervical Cancer</b></p> <p><i>Sadia Safi Yasmin Badshah Maria Shabbir Kainat Zahra Khushbukhat Khan Erum Dilshad Tayyaba Afsar Ali Almajwal Nawaf W. Alruwaili Dara Al-disi Mahmoud Abulmeaty Suhail Razak</i></p> <p><i>Frontiers in Oncology</i> , Volume 11, Article Number 797007</p> <p><b>Impact Factor:</b> 6.244   <b>Quartile:</b> 2   <b>Citations:</b> 8</p> <p><b>DOI:</b> 10.3389/fonc.2021.797007</p>             | 2022 |
| <p><b>Tissue microarray profiling and integrative proteomics indicate the modulatory potential of Maytenus royleanus in inhibition of overexpressed TPD52 in prostate cancers</b></p> <p><i>Maria Shabbir Hasan Mukhtar Deebe Syed Suhail Razzak Tayyaba Afsar Ali Almajwal Yasmin Badshah Dara Al Disi</i></p> <p><i>Scientific Reports</i> , Volume 11, Article Number 11935</p> <p><b>Impact Factor:</b> 4.997   <b>Quartile:</b> 2   <b>Citations:</b> 3</p>                                                   | 2021 |

- Evaluation of pro-apoptotic potential of taxifolin against liver cancer** 2021  
*Sania Safdar Butt Khushbukhat Khan Yasmin Badshah Mehak Rafiq Maria Shabbir*  
*PeerJ*, Volume 9, Article Number e11276  
**Impact Factor:** 3.061 | **Quartile:** 2 | **Citations:** 31  
**DOI:** DOI 10.7717/peerj.11276
- Genetic markers of osteoarthritis: early diagnosis in susceptible Pakistani population** 2021  
*Yasmin Badshah Maria Shabbir Hunza Hayat Zoha Fatma Asad Burki Sidra Khan Shafiq ur Rehman*  
*Journal of Orthopaedic Surgery and Research*, Volume 16, Article Number 124  
**Impact Factor:** 1.777 | **Quartile:** 2 | **Citations:** 19  
**DOI:** <https://doi.org/10.1186/s13018-021-02230-x>
- Unravelling Structure, Localization, and Genetic Crosstalk of KLF3 in Human Breast Cancer** 2020  
*Yasmin Badshah Maria Shabbir Mehak Rafiq Khushbukhat Khan Sadia Safi Asma Abbas Erum Dilshad Kainat Zahra*  
*BioMed Research International*, Volume 2020, Article ID 1354381, 15 pages  
**Impact Factor:** 3.411 | **Quartile:** 2 | **Citations:** 14  
**DOI:** <https://doi.org/10.1155/2020/1354381>
- Molecular Docking Using Chimera and Autodock Vina Software for Nonbioinformaticians** 2020  
*Sania Safdar Butt Yasmin Badshah Maria Shabbir Mehak Rafiq*  
*JMIR Bioinformatics and Biotechnology*, Volume 1(1), Article Number e14232  
**Impact Factor:** - | **Citations:** 130  
**DOI:** doi:10.2196/14232
- Expression of suppressor of cytokine signaling 3 (SOCS3) and interleukin-6 (-174-G/C) polymorphism in atopic conditions** 2019  
*Arooma Jannat Maryam Khan Maria Shabbir Yasmin Badshah*  
*PLoS ONE*, Volume 14, Issue 6, Article Number e0219084  
**Impact Factor:** 2.740 | **Quartile:** 2 | **Citations:** 7  
**DOI:** 10.1371/journal.pone.0219084
- Association of Interleukin-4 (-590 C/T) and Interleukin-6 (-174 G/C) Polymorphism in Pathogenesis and Prognosis of Hepatitis C Virus Infection** 2018  
*Njam Arshad Maryam Khan Arooma Jannat Hunza Hayat Yasmin Badshah*  
*Journal of Interferon & Cytokine Research*, Volume 38, Issue 12, Pages 559-565  
**Impact Factor:** 1.774 | **Quartile:** 4 | **Citations:** 4  
**DOI:** 10.1089/jir.2018.0081
- Prevalence of hepatitis B and hepatitis C Virus infections among male to female (MFT) transgenders in Rawalpindi (Pakistan)** 2018  
*Hashaam Akhtar Yasmin Badshah Samar Akhtar Faheem Hasan Muhammad Faisal Najam-us-Sahar Sadaf Zaidi Ishtiaq Qadri*  
*Advancements in Life Sciences*, Volume 5, Issue 2, Pages 46-55  
**Impact Factor:** -  
**DOI:** NA
- PCR-Based Molecular Diagnosis of Hepatitis Virus (HBV and HDV) in HCV Infected Patients and Their Biochemical Study** 2016  
*Yasmin Badshah Muhammad Nasir Riaz Muhammad Faheem Muhammad Ayaz Anwar Ummar Raheel Hashaam Akhtar Kosar Tamanna Muhammad Tahir*  
*Najam-us-Sahar Sadaf Zaidi Ishtiaq Qadri*  
*Journal of Pathogens*, Volume 2016, Article ID 3219793, 8 Pages  
**Impact Factor:** -  
**DOI:** <http://dx.doi.org/10.1155/2016/3219793>
- Prevalence of human immunodeficiency virus infection among transgender men in Rawalpindi (Pakistan)** 2012  
*Hashaam Akhtar Yasmin Badshah Samar Akhtar Naghmana Kanwal Maha Nadeem Akhtar Najam us Sahar Sadaf Zaidi Ishtiaq Qadri*  
*Virology Journal*, Volume:9, Issue:1,  
**Impact Factor:** 2.092 | **Quartile:** 3 | **Citations:** 14  
**DOI:** 10.1186/1743-422X-9-229
- Prevalence of antimicrobial resistance and integrons in Escherichia coli from Punjab, Pakistan** 2011  
*Yasmin Badshah Idrees Muhammad Mussarat Uzma Qadir Mehmood Bokhari Habib*  
*Brazilian Journal of Microbiology*, Volume 42(2), Pages 462-466

**Impact Factor:** 0.896 | **Quartile:** 4 | **Citations:** 30  
**DOI:** <http://dx.doi.org/10.1590/S1517-83822011000200008>

**Virulence factors profile of drug-resistant Escherichia coli isolates from urinary tract infections in Punjab, Pakistan**

2010

*M. Idress U. Mussarat Yasmin Badshah Raheel Qamar Habib Bukhari*

*European Journal of Clinical Microbiology and Infectious Diseases*, Volume 29, Issue 12, Pages 1533-1537

**Impact Factor:** 2.631 | **Quartile:** 2 | **Citations:** 22

**DOI:** 10.1007/s10096-010-1036-6

**Distribution of hepatitis C virus genotypes, hepatic steatosis and their correlation with clinical and virological factors in Pakistan**

2010

*Sher Zaman Safi Yasmin Badshah Yasir Waheed Kaneez Fatima Sadia Tahir Alamgir Shinwari Ishtiaq Qadri*

*Asian Biomedicine*, Volume 4, Issue 2, Pages 253-262

**Impact Factor:** 0.248 | **Quartile:** 4 | **Citations:** 20

**DOI:** <https://doi.org/10.2478/abm-2010-0032>

## Editorial Activities

2021

Reviewed Papers for Journals

**Impact Factor:** 2.4

## Intellectual Property

### Copyrights

### Patents

**A product of real time assay for the detection of BCR-ABL mutation**

2023

**Status:** Filed

**Novel real time OCR primers for the detection of SARS CoV-2**

2021

**Status:** Filed

### Industrial Designs

### Trademarks