

Maria Shabbir

Associate Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Maria Shabbir is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Maria Shabbir has a PhD in Cancer Genetics. Dr. Maria Shabbir has published 55 research articles & conference papers having a citation count of 1634, carried out 6 projects and filed 2 intellectual property.

Qualifications

PhD in Cancer Genetics Quaid-i-Azam University , Pakistan	2010 - 2015
MPhil in Biochemistry Quaid-i-Azam University , Pakistan	2008 - 2010
MSc in Biochemistry Quaid-i-Azam University , Pakistan	2006 - 2008
BSc in Chemistry, Botony, Zoology University of the Punjab , Pakistan	2003 - 2005

Experience

Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2021- Present
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2020 - 2021
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2020
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2017
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2016 - 2017
Research Fellow/ Post Doctorat University of Wisconsin, Madis , 1300 University Avenue, MSC 423 Madison, WI 53706	2015 - 2016

Awards

School/College Best Researcher Awards-2021	2022
Best Teacher Award 2020 Best teacher award for year 2019-2020 , ASAB,, NUST	2020
FICS-2017 FICS-2017 best project award in Biotechnology for nano-medicine designed to treat HIV	2017

Research Projects

National Projects

Crosstalk of genetic markers between metabolism and immunity; targeting hallmarks of breast cancer Funding Agency: HEC Amount: PKR 7,601,000.00 Status: Completed	2022
In-depth analysis of predication & forecasting of sepsis in ICU patients using Deep Learning Funding Agency: XpertFlow Amount: PKR 610,000.00 Status: Completed	2021
Down Regulation of Protein Kinase C Epsilon, a Possible Drug-Able Candidate in Human Breast Cancer Management Funding Agency: HEC Amount: PKR 2,780,000.00 Status: Completed	2018
Potent antiproliferative, pro-apoptotic activity of the taxifolin against liver cancer. Funding Agency: HEC Amount: PKR 345,000.00 Status: Completed	2017
Understanding the Role of iRhoms in EGFR Signalling Pathway and its Role in Breast and Colorectal Cancer Funding Agency: HEC Amount: PKR 6,200,000.00 Status: Completed	2018
Down regulation of Protein kinase C Epsilon, a possible drug-able candidate in human breast cancer management. Funding Agency: HEC Amount: PKR 3,108,577.00 Status: Completed	2018

International Projects

Research Articles

Computational insights into PKCθ non-synonymous SNPs: from structural changes to functional implications <i>Amna Hafeez Andleeb Farooq Maria Shabbir Yasmin Badshah Naeem Mahmood Ashraf Janeen H Trembley Tayyaba Afsar Ali Abusharha Sameen Zafar Suhail Razaq</i> <i>Journal of Biomolecular Structure and Dynamics</i> , Pages 1-21 Impact Factor: 2.400 Quartile: 3 DOI: 10.1080/07391102.2025.2550618	2025
Missense variants in PRKCD: elucidating their potential association with breast cancer <i>Sameen Zafar Yasmin Badshah Maria Shabbir Uzma Mussarat Asma Latif Janeen H Trembley Tayyaba Afsar Fohad Mabood Husain Suhail Razak</i> <i>Breast Cancer Research</i> , Volume 27, Article Number: 139 Impact Factor: 5.600 Quartile: 1 DOI: https://doi.org/10.1186/s13058-025-02090-x	2025
Association of PRKCQ variants with breast cancer susceptibility and clinicopathological features <i>Amna Hafeez Maria Shabbir Yasmin Badshah Andleeb Farooq Janeen H. Trembley Tayyaba Afsar Dara Aldisi Suhail Razzak</i> <i>BMC Cancer</i> , Volume:25, Issue:1, Article Number 1069 Impact Factor: 3.400 Quartile: 2 DOI: https://doi.org/10.1186/s12885-025-14471-8	2025
Zapotin mitigates breast cancer progression by targeting PKCε mediated glycolytic pathway regulation <i>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</i> <i>BMC Cancer</i> , Volume:25, Issue:1, Article Number 798 Impact Factor: 3.400 Quartile: 2 DOI: https://doi.org/10.1186/s12885-025-14202-z	2025

Unravelling the role of PRKCI and key-cancer related genes in breast cancer development and metastasis <i>Hania Shah Khushbukhat Khan Yasmin Badshah Janeen H. Trembley Naeem Mahmood Ashraf Maria Shabbir Suhail Razak Dara Aldisi Tayyaba Afsar Dilawar Khan</i> <i>Discover Oncology</i> , Volume 16, Article Number 350 Impact Factor: 2.800 Quartile: 2 DOI: 10.1007/s12672-025-02133-x.	2025
HCV and HBV Genotypes: Vital in the Progression of HCV/ HBV Co-Infection <i>Yasmin Badshah Maria Shabbir Khushbukhat Khan Sameen Zafar Tayyaba Afsar Fohad mabood Husain Houda Amor Suhail Razak</i> <i>BMC Gastroenterology</i> , Volume: 25, Article Number: 6, Pages:09 Impact Factor: 2.5 Quartile: 3 DOI: https://doi.org/10.1186/s12876-025-03587-7	2025
Investigating the role of non-synonymous variant D67N of ADGRE2 in chronic myeloid leukemia <i>Ayesha Afzal Harooma Jamshaid Yasmin Badshah Maria Shabbir Janeen H. Trembley Sameen Zafar Ghulam Murtaza Kamal Tayyaba Afsar Fohad Mabood Husain Suhail Razak</i> <i>BMC Cancer</i> , Volume 24, Article Number: 1354 Impact Factor: 3.400 Quartile: 2 DOI: https://doi.org/10.1186/s12885-024-13108-6	2024
Genetic Variants at PRKCG Splice and UTR Sites Promote Cancer Susceptibility by Disrupting Epigenetic and miRNA Regulatory Network <i>Fizzah Abid Khushbukhat Khan Yasmin Badshah Maria Shabbir Janeen H Trembley Naeem Mahmood Ashraf Tayyaba Afsar Ali Almajwal Suhail Razak</i> <i>Journal of Cancer</i> , Vol: 15, Issue: 20, Paegs: 6644-6657 Impact Factor: 3.3 Quartile: 2 DOI: doi:10.7150/jca.100911	2024
Pathogenic nsSNPs of protein kinase C-eta with hepatocellular carcinoma susceptibility <i>Tayyaba Hussain Yasmin Badshah Maria Shabbir Fizzah Abid Ghulam Murtaza Kamal Amna Fayyaz Janeen H. Trembley Tayyaba Afsar Ali Almajwal Suhail Razak</i> <i>Cancer Cell International</i> , Volume 24, Article Number: 346 Impact Factor: 5.300 Quartile: 1 DOI: https://doi.org/10.1186/s12935-024-03536-6	2024
Genetic polymorphism in untranslated regions of PRKCZ influences mRNA structure, stability and binding sites <i>Aneela Mustafa Maria Shabbir Yasmin Badshah Fizzah Abid Janeen H Trembley Tayyaba Afsar Khushbukhat Khan Ali Almajwal Suhail Razak</i> <i>BMC Cancer</i> , Volume 24(1), Article Number: 1147 Impact Factor: 3.400 Quartile: 2 Citations: 1 DOI: 10.1186/s12885-024-12900-8	2024
Possible prognostic impact of PKCι genetic variants in prostate cancer <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> <i>Cancer Cell International</i> , Volume 24, Article Number 24 Impact Factor: 5.800 Quartile: 1 Citations: 1 DOI: 10.1186/s12935-023-03182-4	2024
Cross talk of tumor protein D52 (TPD52) with KLF9, PKCε, and MicroRNA 223 in ovarian cancer <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> <i>Journal of Ovarian Research</i> , Volume 16, Issue 1, Article Number: 202 Impact Factor: 4.0 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1186/s13048-023-01292-1	2023
Impact of IL-12B Genetic Variants on Antiviral Treatment Response among Hepatitis B Patients in Pakistan <i>Yasmin Badshah Maria Shabbir Sameen Zafar Uzma Mussarat Aamer Ikram Sumbal Javed Hashaam Akhtar</i> <i>Livers</i> , Volume 3, Issue 3, Pages 494-506 Impact Factor: N/A DOI: https://doi.org/10.3390/livers3030034	2023
Exploring the prognostic significance of PKCε variants in cervical cancer <i>Sameen Zafar Khushbukhat Khan Yasmin Badshah Kanza Shahid Janeen H Trembley Amna Hafeez Naeem Mahmood Ashraf Hamid Arslan Maria Shabbir</i>	2023

Tayyaba Afsar Ali Almajwal Suhail Razak

BMC Cancer , Volume 23, Issue 1, Article Number 819

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

DOI: <https://doi.org/10.1186/s12885-023-11236-z>

Investigating pathogenic SNP of PKC α in HCV-induced hepatocellular carcinoma

2023

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

Scientific Reports , Volume 13, Article Number 12504

Impact Factor: 4.6 | **Quartile:** 2

DOI: 10.1038/s41598-023-39804-0.

Non-synonymous SNPs variants of PRKCG and its association with oncogenes predispose to hepatocellular carcinoma

2023

Fizzah Abid Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir Arslan Hamid Tayyaba Afsar Ali Almajwal Suhail Razak Cancer Cell International , Volume 23, Article Number: 123

Impact Factor: 5.8 | **Quartile:** 1 | **Citations:** 8

DOI: 10.1186/s12935-023-02965-z

Expression Profiles of Hepatic Immune Response Genes in HEV Infection

2023

yasmin Badshah Maria Shabbir Khushbukhat Khan Hashaam Akhtar

Pathogens , Volume 12(3), Article Number 392

Impact Factor: 4.531 | **Quartile:** 2 | **Citations:** 1

DOI: 10.3390/pathogens12030392

Mutation pattern of cancer suppressor p53 gene in factory workers exposed to polypropylene and impact on their reproductive hormones

2023

Suhail Razak Naeem Mahmood Ashraf Hira Abbas Ghazala Shaheen Waqar Ahmad Tayyaba Afsar Ali Almajwal Maria Shabbir Huma Shafique Sarwat Jaha. Journal of Gene Medicine , Pages 1-10, Article Number e3483

Impact Factor: 4.152 | **Quartile:** 2 | **Citations:** 2

DOI: 10.1002/jgm.3483

Elucidating the role of missense SNP of protein kinase C epsilon in HCV-induced hepatocellular carcinoma

2023

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

BMC Cancer , Volume 23, Article Number 147

Impact Factor: 4.638 | **Quartile:** 2 | **Citations:** 1

DOI: 10.1186/s12885-023-10618-7

Investigation of UTR Variants by Computational Approaches Reveal Their Functional Significance in PRKCI Gene Regulation

2023

Hania Shah Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir Janeen H. Trembley Tayyaba Afsar Ali Abusharha Suhail Razak Genes , Volume 14, Issue 2, Article Number 247

Impact Factor: 4.141 | **Quartile:** 2 | **Citations:** 3

DOI: 10.3390/genes14020247

Pathogenicity of PKC γ Genetic Variants—Possible Function as a Non-Invasive Diagnostic Biomarker in Ovarian Cancer

2023

Kanza Shahid Khushbukhat Khan Yasmin Badshah Naeem Mahmood Ashraf Arslan Hamid Janeen H Trembley Maria Shabbir Tayyaba Afsar Ali Almajwal Ali Abusharha Suhail Razak

Genes , Volume 14, Issue 1, Article Number 236

Impact Factor: 4.141 | **Quartile:** 2 | **Citations:** 3

DOI: [doi.org/10.3390/ genes14010236](https://doi.org/10.3390/genes14010236)

Bioassay-guided isolation and characterization of lead antimicrobial compounds from Acacia hydasypica plant extract

2022

Tayyaba Afsar Suhail Razak Ali Almajwal Maria Shabbir Khushbukhat Khan Janeen Trembley Nawaf W. Alruwaili1

AMB Express , Volume 12, Issue 1, Article Number: 156

Impact Factor: 4.126 | **Quartile:** 2 | **Citations:** 6

DOI: 10.1186/s13568-022-01501-y

Analyzing PKC Gamma (+19,506 A/G) polymorphism as a promising genetic marker for HCV-induced hepatocellular carcinoma

2022

Fizza Abid Talha Iqbal Khushbukhat Khan Yasmin Badshah Janeen H Trembley Naeem Mahmood Ashraf Maria Shabbir Tayyaba Afsar Ali Almajwal6 Suhail

razzak

Biomarker Research , Springer Nature

Impact Factor: 8.633 | **Quartile:** 1 | **Citations:** 4

DOI: 10.1186/s40364-022-00437-6

Investigating Isoform Switching in RHBDF2 for its role in Human Neoplastic Growth in Breast Cancer 2022

Mehar Masood Madahiah Bint E Masood Noor Us Subah Maria Shabbir Rehan Zafar Paracha Mehak Rafiq

PeerJ , Volume 10, Article Number e14124

Impact Factor: 2.7 | **Quartile:** 2 | **Citations:** 2

DOI: 10.7717/peerj.14124

PRKCE non-coding variants influence on transcription as well as translation of its gene 2022

Khushbukhat Khan Sameen Zaffar Amna Hafeez Yasmin Badshah Kanza Shahid Naeem Mahmood Ashraf Maria Shabbir

RNA Biology , Volume 19, Issue 1, Pages 1115-1129

Impact Factor: 4.766 | **Quartile:** 2 | **Citations:** 8

DOI: 10.1080/15476286.2022.2139110

Prevention of Testicular Damage by Indole Derivative MMINA via Upregulated StAR and CatSper 2022

Channels with Coincident Suppression of Oxidative Stress and Inflammation: In Silico and In Vivo

Validation

Tayyaba Afsar Suhail razzak Janeen H Trembley Khushbukhat Khan Maria Shabbir Ali Almajwal Nawaf W. Alruwaili Muhammad Umar Ijaz

Antioxidants , Volume 11(10), Article Number 2063

Impact Factor: 7.675 | **Quartile:** 1 | **Citations:** 8

DOI: 10.3390/antiox11102063

Manipulation of Interleukin-6 (IL-6) and Transforming Growth Factor Beta-1(TGFβ-1) towards viral 2022

induced liver cancer pathogenesis

Yasmin Badshah Maria Shabbir Khushbukhat Khan Maha Fatima Iqra Majoka Laiba Aslam Huda Munawar

PLoS One , Volume 17(10), Article Number e0275834

Impact Factor: 3.752 | **Quartile:** 2 | **Citations:** 2

DOI: 10.1371/journal.pone.0275834

Sulindac acetohydrazide derivative attenuates against cisplatin induced organ damage by modulation 2022

of antioxidant and inflammatory signaling pathways

Suhail Razzak Tayyaba Afsar Nousheen Bibi Mahmoud Abulmeaty Mashooq Ahmad Bhat Anum Inam Janeen H trembley Ali Almajwal Maria Shabbir Nawaf

W Alruwaili Abdulrahman Algarni

Scientific Reports , Volume 12, Issue 1, Article Number 11749

Impact Factor: 4.996 | **Quartile:** 2 | **Citations:** 2

DOI: 10.1038/s41598-022-15950-9

Influence of PRKCE non-synonymous variants on protein dynamics and functionality 2022

Khushbukhat Khan Hania Shah Areeba Rehman Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir

Human Molecular Genetics , Volume 31, Issue 13, Pages 2236-2261

Impact Factor: 5.121 | **Quartile:** 1 | **Citations:** 15

DOI: 10.1093/hmg/ddac029

PLK4 is upregulated in prostate cancer and its inhibition reduces centrosome amplification and causes 2022

senescence

Chandra K Singh Ryan A Denu Minakshi Nihal Maria Shabbir Debra R Garvey Wei Huang Kenneth A Iczkowski Nihal Ahmad

Prostate , Pages 1-13

Impact Factor: 4.104 | **Quartile:** 2 | **Citations:** 20

DOI: 10.1002/pros.24342

Determining KLF14 tertiary structure and diagnostic significance in brain cancer progression 2022

Kainat Zahra Maria Shabbir Yasmin Badshah Janeen H trembley Zunaira Badar Khushbukhat Khan Tayyaba Afsar Ali Almajwal Nawaf W Alruwaili Suhail

Razzak

Scientific Reports , Volume 12, Article Number 8039

Impact Factor: 4.996 | **Quartile:** 2 | **Citations:** 8

DOI: 10.1038/s41598-022-12072-0

Association of CTLA-4 and IL-4 polymorphisms in viral induced liver cancer 2022

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

BMC Cancer , Volume 22, Issue 1, Article Number 518

Impact Factor: 4.638 | **Quartile:** 2 | **Citations:** 13

DOI: 10.1186/s12885-022-09633-x

- Impact of deleterious missense PRKCI variants on structural and functional dynamics of protein** 2022
Hania Shah Khushbukhat Khan Naila Khan Yasmin Badshah Naeem Mahmood Ashraf Maria Shabbir
Scientific Reports, Volume 12, Issue 1, Article Number 3781
Impact Factor: 4.996 | Quartile: 2 | Citations: 7
DOI: 10.1038/s41598-022-07526-4
- Predicting 3D Structure, Cross Talks, and Prognostic Significance of KLF9 in Cervical Cancer** 2022
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
Frontiers in Oncology, Volume 11, Article Number 797007
Impact Factor: 6.244 | Quartile: 2 | Citations: 8
DOI: 10.3389/fonc.2021.797007
- Acacia hydasypica R. Parker ethyl-acetate extract abrogates cisplatin-induced nephrotoxicity by targeting ROS and inflammatory cytokines** 2021
Tayyaba Afsar Suhail Razak Dara Aldisi Maria Shabbir Ali Almajwal Abdulaziz Abdullah Al Kheraif Mohammed Arshad
Scientific Reports, Volume 11(1), Article Number 17248
Impact Factor: 4.997 | Quartile: 2 | Citations: 20
DOI: 10.1038/s41598-021-96509-y
- Tissue microarray profiling and integrative proteomics indicate the modulatory potential of Maytenus royleanus in inhibition of overexpressed TPD52 in prostate cancers** 2021
Maria Shabbir Hasan Mukhtar Deebe Syed Suhail Razzak Tayyaba Afsar Ali Almajwal Yasmin Badshah Dara Al Disi
Scientific Reports, Volume 11, Article Number 11935
Impact Factor: 4.997 | Quartile: 2 | Citations: 3
DOI: 10.1038/s41598-021-91408-8
- 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
- Molecular docking, pharmacokinetic studies, and in vivo pharmacological study of indole derivative 2-(5-methoxy-2-methyl-1H-indole-3-yl)-N'-[(E)-(3-nitrophenyl) methylidene] acetohydrazide as a promising chemoprotective agent against cisplatin induced organ damage** 2021
Suhail Razak Tayyaba Afsar Nousheen Bibi Mahmoud Abulmeaty Wajhul Qamar Ali Almajwal Anam Inam Dara Al Disi Maria Shabbir Mashooq Ahmad Bhat
Suhail Razak Tayyaba Afsar Nousheen Bibi Mahmoud Abulmeaty Wajhul Qamar Ali Almajwal Anam Inam Dara Al Disi Mashooq Ahmad Bhat Suhail Razak
Tayyaba Afsar Nousheen Bibi Mahmoud Abulmeaty Wajhul Qamar Ali Almajwal Anam Inam Dara Al Disi Mashooq Ahmad Bhat
Scientific Reports, Volume 11(1), Article Number 6245
Impact Factor: 4.997 | Quartile: 2
DOI: doi: 10.1038/s41598-021-84748-y.
- 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
- Phytochemical analysis and Evaluation of hepatoprotective effect of Maytenus royleanus leaves extract against anti-tuberculosis drug induced liver injury in mice** 2020
Maria Shabbir Tayyaba Afsar Suhail Razzak Ali Almajwal Muhammad Rashid Khan

Lipids in Health and Disease, Volume 19(1), Article Number: 46

Impact Factor: 3.876 | **Quartile:** 3

DOI: 10.1186/s12944-020-01231-9.

Evaluating the protective potency of *Acacia hydasypica* R. Parker on histological and biochemical changes induced by Cisplatin in the cardiac tissue of rats.

2019

Tayyaba Afsar Suhail Razak Ali Almajwal3 Maria Shabbir Muhammad Rashid Khan

BMC Complementary and Alternative Medicine, Volume 19, Article Number 182

Impact Factor: 2.833 | **Quartile:** 1 | **Citations:** 25

DOI: 10.1186/s12906-019-2575-8

Silver nanoparticles of Aloe vera gel as strong therapeutic candidates

2019

Erum Dilshad Syeda Sojla Tazeem Zainab Bashir Ammar Hamza Iqbal Adeel Saddique Khokhar Naqoosh Zahra Mubarak Ali Khan Hammad Ismail Maria Shabbir

International Journal of Biosciences, Volume 15, Issue No. 1, pages 360-373

Impact Factor: 0

DOI: 10.12692/ijb/15.1.360-373

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

Centriole Overduplication is the Predominant Mechanism Leading to Centrosome Amplification in Melanoma

2018

Maria Shabbir Ryan A. Denu Minakshi Nihal Chandra K. Singh B. Jack Longley Mark E. Burkard Nihal Ahmad
Molecular Cancer Research, NULL

Impact Factor: 4.484 | **Quartile:** 2 | **Citations:** 46

DOI: 10.1158/1541-7786.MCR-17-0197

Antioxidant activity of polyphenolic compounds isolated from ethyl-acetate fraction of *Acacia hydasypica* R. Parker

2018

Maria Shabbir Tayyaba Afsar Suhail Razak Muhammad Rashid Khan

Chemistry Central Journal, NULL

Impact Factor: 2.094 | **Quartile:** 3 | **Citations:** 46

DOI: doi.org/10.1186/s13065-018-0373-x

Evaluation of antioxidant, anti-hemolytic and anticancer activity of various solvent extracts of *Acacia hydasypica* R. Parker aerial parts

2016

Tayyaba Afsar Suhail Razak Muhammad Rashid Khan Saadia Mawash Ali Almajwal Maria Shabir Ihsan Ul Haq
BMC Complementary and Alternative Medicine, Volume: 16, Article Number: 258

Impact Factor: 2.288 | **Quartile:** 1 | **Citations:** 87

DOI: 10.1186/s12906-016-1240-8

MicroRNAs in skin response to UV radiation.

2013

Deeba N. Syed Mohammad Imran Khan Hasan Mukhtar Deeba N. Syed Mohammad Imran Khan Maria Shabbir Hasan Mukhtar
Current Drug Targets, Volume 14, Issue 10, Pages 1128-1134

Impact Factor: 3.597 | **Quartile:** 1 | **Citations:** 64

DOI: 10.2174/13894501113149990184

Assessment of phytochemicals, antioxidant, anti-lipid peroxidation and anti-hemolytic activity of extract and various fractions of *Maytenus royleanus* leaves.

2013

Maria Shabbir Muhammad Rashid Khan Naima Saeed

BMC Complementary and Alternative Medicine, Volume 13, Article Number 143

Impact Factor: 1.877 | **Quartile:** 2 | **Citations:** 102

DOI: 10.1186/1472-6882-13-143

Evaluation of diverse antioxidant activities of *Galium aparine*.

2013

Jasia Bokhari Muhammad R. Khan Maria Shabbir Umbreen Rashid Shumaila Jan Jawaid A. Zai
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 102, Pages 24-29

Impact Factor: 2.129 | **Quartile:** 2 | **Citations:** 41

DOI: 10.1016/j.saa.2012.09.056

Antioxidant activity, total phenolic and total flavonoid contents of whole plant extracts *Torilis leptophylla* L.

2012

Naima Saeed Muhammad R Khan Maria Shabbir

BMC Complementary and Alternative Medicine , Volume 12, Article Number 221

Impact Factor: 2.082 | **Quartile:** 2 | **Citations:** 868

DOI: 10.1186/1472-6882-12-221

Protective effects of *Launaea procumbens* against KBrO₃-induced hepatic serum marker enzymes."

2011

Maria Shabbir Muhammad Rashid Khan Nasir Ali Shah Rahmat Ali Khan Sumaira Sahreen Jasia Bokhari Umbreen Rashid Shumila Jan

African Journal of Pharmacy and Pharmacology, Volume 5, Issue 23, Pages 2639-2641

Impact Factor: 0.839 | **Quartile:** 4 | **Citations:** 4

DOI: 10.5897/AJPP11.470

Book Chapters

Single Cell Omics

2022

Erum Dilshad Amna Naheed Khan Iqra Bashir Muhammad Maaz Maria Shabbir Marriam Bakhtiar

In: *Book on Omics Technologies for Clinical Diagnosis and Gene Therapy: Medical Applications in Human Genetics* Chapter 10, Pages 156-173

Citations: N/A

DOI: 10.2174/9789815079517122010013

Adapting the Foreign Soil: Factors Promoting Tumor Metastasis

2020

Ramish Riaz Shah Rukh Abbas Maria Shabbir

In: *Book on Essentials of Cancer Genomic, Computational Approaches and Precision Medicine*, Chapter 8, Pages 171-196

Citations: N/A

DOI: doi.org/10.1007/978-981-15-1067-0

Editorial Activities

BMC Cancer Reviewed Papers for Journals Impact Factor: 3.4	2024
Scientific Reports Reviewed Papers for Journals Impact Factor: 4.997	2023
Reviewed Papers for Journals Impact Factor: 3.269	2021
Reviewed Papers for Journals Impact Factor: 3.269	2021
Reviewed Papers for Journals Impact Factor: 1.9	2021
Reviewed Papers for Journals Impact Factor: 2.2	2021
Reviewed Papers for Journals Impact Factor: 2.2	2021
Reviewed Papers for Journals Impact Factor: 1.995	2020
Reviewed Papers for Journals Impact Factor: 2.1	2019
Reviewed Papers for Journals Impact Factor: 2.338	2019

Intellectual Property

Copyrights	
Patents	
A product of real time assay for the detection of BCR-ABL mutation Status: Filed	2023
Novel real time OCR primers for the detection of SARS CoV-2 Status: Filed	2021
Industrial Designs	
Trademarks	