

Salik Javed Kakar

Associate Professor
Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Salik Javed Kakar is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Salik Javed Kakar has a PhD in Medicine Biomedicine. Dr. Salik Javed Kakar has published 19 research articles & conference papers having a citation count of 444, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Medicine Biomedicine University of Manchester , United Kingdom	2007 - 2012
MSc in Molecular Genetics University of Leicester , United Kingdom	2005 - 2007
MBBS in Medicine, Surgery And Allied University of Peshawar , Pakistan	1998 - 2002

Experience

Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2023- Present
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2022 - 2023
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2022 - 2022
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2022
Post-Doc (Research Associate) The University of Manchester , Oxford Road, Manchester, UK	2012 - 2014
Post-Doc (Casual Research Assistant) The University of Manchester , Oxford Road, Manchester, UK	2011 - 2012
Lecturer (NUST Faculty) Army Medical College, NUST , NUST, Sector H-12, Islamabad, Pakistan	2006 - 2007
House Officer Fauji Foundation Teaching Hospital , Rawalpindi, Pakistan	2005 - 2005
House Officer Fauji Foundation Teaching Hospital , Rawalpindi, Pakistan	2004 - 2005
House Officer Hayatabad Medical Complex , Hayatabad, Peshawar, Pakistan	2004 - 2004

Awards

British Heart Foundation Fully-funded post-doctoral research from the British Heart Foundation, UK for one year.	2014
Heart Research Fully-funded post-doctoral research from Heart Research, UK starting from Aug 2011 to Jan 2014.	2011
University of Manchester Awarded Faculty Scholarship of GBP £10,000 from the University of Manchester.	2008
HEC Scholarship for PhD I was awarded fully-funded scholarship from Higher Education Commission, Pakistan for PhD studies from the UK for NUST Faculty Development Programme.	2007
HEC Scholarship for MSc I was awarded fully-funded scholarship from Higher Education Commission, Pakistan for MSc studies from the UK.	2005

Professional Memberships

PMDC

Research Articles

In silico ADMET profiling of Docetaxel and development of camel milk derived liposomes nanocarriers for sustained release of Docetaxel in triple negative breast cancer <i>Kousain Kousar Shaheer Shafiq Syeda Tahira Sherazi Fareeha Iqbal Usman Shareef Salik Javed Kakar Tahir Ahmad</i> <i>Scientific Report</i> , Volume 14, Article Number: 912 Impact Factor: 4.600 Quartile: 2 Citations: 6 DOI: 10.1038/s41598-023-50878-8	2024
Green synthesis of hyaluronic acid coated, thiolated chitosan nanoparticles for CD44 targeted delivery and sustained release of Cisplatin in cervical carcinoma <i>Kousain Kousar Faiza Naseer Maisa S. Abduh Salik Kakar Rabia Gul Sadia Anjum Tahir Ahmed</i> <i>Frontiers in Pharmacology</i> , Volume 13, Article Number 1073004 Impact Factor: 5.988 Quartile: 1 Citations: 44 DOI: 10.3389/fphar.2022.1073004	2023
Formulation for the Targeted Delivery of a Vaccine Strain of Oncolytic Measles Virus (OMV) in Hyaluronic Acid Coated Thiolated Chitosan as a Green Nanoformulation for the Treatment of Prostate Cancer: A Viro-Immunotherapeutic Approach <i>Faiza Naseer Tahir Ahmed Kousain Kousar Salik Javed Kakar Rabia Gul Sadia Anjum Usman Shareef</i> <i>International Journal of Nanomedicine</i> , Volume 18, Pages 185-205 Impact Factor: 7.033 Quartile: 1 Citations: 18 DOI: 10.2147/IJN.S386560	2023
Integrated analysis to study the interplay between post-translational modifications (PTM) in hepatitis C virus proteins and hepatocellular carcinoma (HCC) development <i>Aqsa Ikram Bisma Rauff Badr Alzahrani Faryal Mahwish Awan Ayesha Obaid Anam Naz Salik Javed Kakar Hussnain Ahmed Janjua</i> <i>Scientific Reports</i> , Volume 12, Issue 1, Article Number 15648 Impact Factor: 4.996 Quartile: 2 Citations: 4 DOI: https://doi.org/10.1038/s41598-022-19854-6	2022
Formulation of surface-functionalized hyaluronic acid-coated thiolated chitosan nano-formulation for the delivery of vincristine in prostate cancer: A multifunctional targeted drug delivery approach <i>Faiza Naseer Tahir Ahmed Kousain Kousar Salik Javed Kakar</i> <i>Journal of Drug Delivery Science and Technology</i> , Volume 74, Article Number 103545 Impact Factor: 5.062 Quartile: 2 Citations: 29 DOI: https://doi.org/10.1016/j.jddst.2022.103545	2022
Prevalence and assessment of associated risk factors of hepatitis B and C infections in low-socioeconomic communities <i>Aisha Noreen Naik Alam Zainab Syed Aroosa Aftab Farah Shamim Syed Najeebullah Dilawar Khan Salik Javed Kakar Tahir Ahmed Fazal Adnan</i> <i>Future Virology</i> , Volume 17, Issue 5, Pages 291-303 Impact Factor: 1.831 Quartile: 3 Citations: 1 DOI: 10.2217/fvl-2021-0060	2022

Isomeric nitro substituted symmetrical benzamides: Crystal Structures, Hirshfeld surface analysis, 3D energy frameworks, DNA binding and cell line studies <i>Atteeque Ahmad Nasima Arshad Fouzia Perveen Malik Rabail Ujan Aamer Saeed Pervaiz Ali Channar Shahid I. Farooqi Ghulam Shabir Tuncer Hökelek Michael Bolte Salik Javed Kakar Aneela Javed</i> <i>Journal of Molecular Structure</i> , Volume 1247, Article Number 131396 Impact Factor: 3.8 Quartile: 2 Citations: 4 DOI: https://doi.org/10.1016/j.molstruc.2021.131396	2022
Challenges and recent trends with the development of hydrogel fiber for biomedical applications <i>Pau Loke Show Muhammad Bilal Khan Niazi Reema Ansar Sidra Saqib Ahmad Mukhtar Muhammad Shahid Zaib Jahan Salik Javed Kakar Bushra Uzair Muhammad Mubashir Sami Ullah Hooi Ren Lim Kuan ShiongKhoo</i> <i>Chemosphere</i> , Volume 287, Part 1, Article Number 131956 Impact Factor: 7.086 Quartile: 1 Citations: 39 DOI: https://doi.org/10.1016/j.chemosphere.2021.131956	2022
Hepatitis E virus genotyping in Pakistan: a regional study to explore the implications for pregnant females <i>Mahnoor Nadeem Tahir Ahmed Salik Javed Kakar Fazal Adnan Sadia Anjum</i> <i>Future Virology</i> , Volume 16(9), Pages 611-617 Impact Factor: 1.831 Quartile: 4 Citations: 2 DOI: 10.2217/fvl-2020-0337	2021
Cellulose acetate-polyvinyl alcohol blend hemodialysis membranes integrated with dialysis performance and high biocompatibility <i>Ofaira Azhar Zaib Jahan Farooq Sher Muhammad Bilal Khan Niazi Salik Javed Kakar Muhammad Shahid</i> <i>Materials Science and Engineering C-Materials for Biological Applications</i> , Volume 126, Article Number 112127 Impact Factor: 8.457 Quartile: 1 Citations: 125 DOI: https://doi.org/10.1016/j.msec.2021.112127	2021
AXL Receptor Tyrosine Kinase: A Possible Therapeutic Target in Acute Promyelocytic Leukemia <i>Mariam Fatima Salik Javed Kakar Fazal Adnan Khalid Khan Afsar Ali Mian Dilawar Khan</i> <i>BMC Cancer</i> , Volume 21, Article Number 713 Impact Factor: 4.430 Quartile: 2 Citations: 4 DOI: 10.1186/s12885-021-08450-y	2021
Mimic Enzyme Based Cellulose Nanocrystals/PVA Nanocomposite Membranes for Enrichment of Biogas as a Natural Gas Substitute <i>Zaib Jahan Muhammad Bilal Khan Niazi Saeed Gul Farooq Sher Salik Javed Kakar May-Britt Hagg Øyvind Weiby Gregersen</i> <i>Journal of Polymers and the Environment</i> , Pages 1-11 Impact Factor: 4.705 Quartile: 1 Citations: 37 DOI: https://doi.org/10.1007/s10924-020-02014-0	2021
Potential approaches to combat COVID-19: a mini-review <i>Zainab Sarwar Tahir Ahmad Salik Javed Kakar</i> <i>Molecular Biology Reports</i> , Volume 47, Pages 9939–9949 Impact Factor: 2.316 Quartile: 4 Citations: 18 DOI: https://doi.org/10.1007/s11033-020-05988-1	2020
Biodegradable Polymer Coated Granular Urea Slows Down N Release Kinetics and Improves Spinach Productivity <i>Bilal Beig Zaib Jahan Muhammad Bilal Khan Niazi Salik Javed Kakar Ghulam Abbas Shah Muhammad Shahid Munir Zia Midrar Ul Haq Muhammad Imtiaz Rashid</i> <i>Polymers</i> , Volume 12(11), Article Number 2623 Impact Factor: 4.329 Quartile: 1 Citations: 48 DOI: https://doi.org/10.3390/polym12112623	2020
Assessment of the risk for human health of Enterovirus and Hepatitis A virus in clinical and water sources from three metropolitan cities of Pakistan <i>Tahir Ahmad Fazal Adnan Mahnoor Nadeem Salik Javed Kakar Sadia Anjum Ayesha Saad Abdul Waheed Najma Arshad</i> <i>Annals of Agricultural and Environmental Medicine</i> , Volume 25, Issue 4, Pages 708-713 Impact Factor: 1.030 Quartile: 4 Citations: 14 DOI: 10.26444/aaem/99590	2018
Periluminal Expression of a Secreted Transforming Growth Factor-β Type II Receptor Inhibits In-Stent Neointima Formation Following Adenovirus-Mediated Stent-Based Intracoronary Gene Transfer	2014

Clare E. Appleby Parisa Ranjzad Paul D. Williams Salik Javed Kakar Anita Driessen Edze Tijisma Brian Fernandes Anthony M. Heagerty Paul A. Kingston
Human Gene Therapy , Volume 25(5), Pages 443–451
Impact Factor: 3.755 | **Quartile:** 1 | **Citations:** 4
DOI: 10.1089/hum.2013.105

Development of Viral Vectors for Use in Cardiovascular Gene Therapy 2010
Paul D. Williams Parisa Ranjzad Salik Javed Kakar Paul A. Kingston
Viruses , Volume 2(2), Pages 334-371
Impact Factor: 1.00 | **Quartile:** 4 | **Citations:** 33
DOI: 10.3390/v2020334

Conference Proceedings

ANTIBIOTICS; A POSSIBLE ALTERNATE TREATMENT OPTION FOR MYELOID LEUKEMIA 2023
Syeda Maham Saba Naseem Awan Fazal Adnan Salik Javed Kakar Afsar Ali Mian Dilawar Khan
European Hematology association congress 2023 , res.country(57,)
Citations: N/A
DOI: 10.1097/01.HS9.0000974192.13131.11

Editorial Activities

Reviewed Papers for Journals 2021