

Dr. Jamal Muhammad Khan

Nationality (Pakistan)

DOB: 1981-03-19

Assistant Professor

Department of Parasitology/Pathobiology

Cholistan University of Veterinary and Animal Sciences

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Professional Summary

Professional Biography

I completed my graduation from the University of Agriculture, Faisalabad, Pakistan, in 2008, followed by an M.Phil degree in 2010 from the Institute of Microbiology and a Ph.D. in 2016 from China Agricultural University. My academic journey has been entirely focused on biological sciences, with specialized emphasis on One Health, Vector Borne Disease (VBD), and Animal Welfare. My expertise naturally extends to animal and human disease diagnostics and welfare.

To deepen my understanding of biological phenomena related to infectious diseases, I have pursued advanced studies in emerging frontiers such as parasitic immunology, cancer biology, molecular biology, proteomics, and genetic engineering. I am proficient in handling microbes with professional and strict adherence to international biosafety standards (BSL-I, II, and III). My practical experience includes isolating and identifying parasites (*Eimeria tenella*, *Eimeria mitis*) and bacterial species (*Staphylococcus spp.*, *Lactobacillus spp.*, *Streptococcus spp.*). I am also skilled in viral isolation using embryonated eggs and cell culture technology. These competencies position me to contribute effectively to cutting-edge bioscience research in collaboration with global scientific teams.

Currently, I am serving as an Assistant Professor in the Department of Parasitology at Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan. I am Fluent in four international languages (English, Urdu, Chinese, and Arabic), and I am equipped to collaborate and communicate effectively in multicultural academic settings, making me a perfect candidate for teaching, demonstration, and research.

Research Interests

One Health, Cancer Immunology, Cell Signaling in Cancer, Neglected Tropical Diseases (NTDs) like Schistosomiasis, Lymphatic Filariasis (elephantiasis), Dengue, Leishmaniasis, Chagas Disease, and Rabies, Parasitic Immunology, Anti-Cancer Therapies, Microbes-Host Interaction, Organic Therapy

Teaching and Research Experience

Assistant Professor, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan. 2018-12 to Present Teaching and Research (Host-pathogen Interactio, Immune response to pathogens) English & Biology Teacher, at 南通嘀点嗞点教育咨询有限公司, D/B/A Dialect Zone International, Nantong, China from April 1st, 2016, to August 15th, 2016.	Assistant Professor, Faculty of Veterinary and Animal Sciences, the Islamia University of Bahawalpur, Pakistan. 2017-02 to 2018-03 (Taught and designed Parasitology, and Immunobiology courses at DVM, master level, Parasitology and Immunology Lab supervisor).
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Language Skills

1. English
2. Chinese
3. Arabic
4. Urdu

Visited Countries

1. China
2. Japan
3. Egypt
4. Saudi Arabia
5. Thailand
6. Laos

Education

PhD [Preventive Medicine]

(2011-2016)

National Animal protozoa Laboratory & College of Veterinary Medicine China Agricultural University Beijing, P.R, China.

Thesis Title: Construction of a transgenic strain of Eimeria mitis expressing chicken interleukin- 4 and a study of its reproduction, immunogenicity and effect on hematological parameters of the host Remarks: Division 1st CGPA: 3.09

Master of Philosophy-M.Phil-(Microbiology)

(2008-2010)

Thesis Title: Comparative Evaluation of S. aureus recovered from clinical and subclinical mastitic milk samples from buffaloes and cattle through neutralizing limit concentration (NLC) of Leucotoxins

Doctor of Veterinary Medicine [DVM]**(2003-2008)**

Institute of Microbiology, university of Agriculture Faisalabad (UAF) Pakistan Remarks:

Division 1st, Grade A

Faculty of Veterinary Medicine, University of Agriculture Faisalabad (UAF) Pakistan

Remarks: Division 1st, Grade B**Arts Degree****(2007-2008)**Bachelor of Arts (BA) Punjab University/Year-2007 Remarks: Division 1st**Higher Secondary School,****(Pre-Medical)**International School Jeddah, **Kingdom of Saudi Arabia**/Year-1999 Remarks: Division1st, Grade B, Total Score 64**Secondary School Certificate/Matriculation****International School Jeddah, P.O Box 743 Jeddah, Saudi Arabia** Remarks: Division1st, Grade A, Total Score 72%**Laboratory Skills**

Transgenic Parasitology, Transfection Technology	Western Blotting
Second-generation sequencing	Immunoprecipitation Assay
Agarose and acrylamide gel electrophoresis	Cell Culture, Transformation and Transfection,
Confocal Microscopy, Basic techniques in Bacteriology, Genomic and plasmid DNA, and RNA isolation and purification,	Immunofluorescence Assay
RNA interference, Vaccine development, Cloning, Bioinformatics	Plaques Assay
	ELISA, TCID50
	RNase protection assay

International Trainings/ Workshops/Seminars/Organized-Attended

- ◆ International training on Sustainable Management and Accelerated Composting Technology of Organic Wastes, held from **June 15th to June 29th, 2026**, at the **Suzhou Rural Revitalization School (苏州乡村振兴学堂)**, Suzhou, Jiangsu Province, People's Republic of China. Comprising 90 hours of lectures, laboratory practice, field visits, seminars, and working group exchanges.
- ◆ Delivered a scientific **oral presentation** titled “A Robust Biosecurity Promising a Bio-secured Region” at the **China–Central Asia & Shanghai Cooperation Organization Member States Forum towards a Global Community of Health for All**, held on 20–21 June 2025 in Urumqi, Xinjiang, China, and co-hosted by China Foreign Affairs University and **Peking Union Medical College**. The presentation contributed to expert discussions on regional public health governance, infectious disease control, and international scientific collaboration.
- ◆ Participated as a guest **speaker** during the closed-door session titled “**Build a Community with a Shared Future in the Neighborhood and Contribute to the Global Effort to Eradicate Polio**” on 21 June 2025. The address supported high-level deliberations on global polio eradication in Pakistan and Afghanistan, public health policy integration, and coordinated international health strategies.
- ◆ Participated as a **Chief organizer** for the seminar titled “**Malaria Ends with Us: Reinvent, Reimagine, Reignite**” arranged by the Department of Parasitology at CUVAS, Bahawalpur. The seminar emphasized innovative malaria prevention strategies, community awareness, and integrative approaches to vector control.
- ◆ Participation in a specialized workshop organized by the National University of Medical Sciences (NUMS), Department of Biological Sciences, in collaboration with Ege University, Turkey, on the **Identification of Sandfly and Diagnosis of Cutaneous Leishmaniasis**, conducted on 25–26 January 2022 at the National University of Medical Sciences, Islamabad. The workshop provided advanced training in sandfly species identification and diagnostic methods for Cutaneous Leishmaniasis.
- ◆ “**Public Health and Hazard Management** conducted by University of Tennessee, USA held on July 29-Augst 04, 2017 at Sheraton Hotel Bangkok, Thailand
- ◆ Contribution as an **organizer** for the **International Seminar on Paleontology**, arranged by the Cholistan Institute of Biological Sciences at CUVAS, Bahawalpur. The seminar focused on paleontological research, fossil sciences, and evolutionary studies, involving the coordination and management of an international academic event.
- ◆ Training on **Livestock Infectious Disease Prevention and Control for South and Southeast Asia**, Yunnan Agricultural University – College of Veterinary Medicine, China, November 2025. Completed international training focused on prevention, control, and management of zoonotic & infectious diseases in livestock populations across South and Southeast Asia. The training covered modern preventive strategies, diagnostic approaches, and control technologies to support regional animal health initiatives. 16-11-2025 to 30-11-2025
- ◆ Participated in an International Training program entitled “**Cervical and Breast Cancer Prevention and Control Training Program China-Central Asia & Shanghai Cooperation Organization Member States**, Urumqi, Xinjiang, China. 10-06-2025 to 24-06-2025

- ◆ Participation in the **International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology**, conducted on 6–7 February 2023 at CUVAS Bahawalpur in collaboration with the Higher Education Commission. The event provided exposure to recent scientific advancements and multidisciplinary innovations across veterinary and biomedical sciences.
- ◆ Participated as an **Honorable Speaker at the 3rd International Conference on The Yak (Bos grunniens): Lifeline in High Mountains**, held on 20–21 November 2024 in Skardu, Pakistan. The conference, organized by the Virtual University of Pakistan and the University of Baltistan, offered a platform for knowledge exchange on high-altitude livestock systems, yak biodiversity, and sustainable mountain development.
- ◆ Participation as a Guest **Speaker**, Presentation title: Climate Change and Cancer: Unraveling the Complex Web of Environmental, Socioeconomic, and Health Impact at the **1st International Conference on Animal Production & Biosafety–2024**, organized by the Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Sakrand, in collaboration with the Sindh Higher Education Commission. The conference highlighted advancements in animal production, biosafety practices, and emerging research themes, providing a platform for scientific exchange and expert contribution.
- ◆ Training in the **Arab Republic of Egypt on Environmentally Friendly Housing** for the betterment of One Health and Production in Cairo from 1-10-2019 to 15-12-2019
- ◆ Participated in the Training Program of **Taxation in the power sector of Pakistan in the People's Republic of China**, organized by Shandong College of Business Administration, held from 14- 11-2018 to 1-12- 2018

Oral and Poster Presentations

- ◆ Oral Presentation on "Pakistan's Livestock Wealth in the Cholistan Region"
Hosted by the College of Veterinary Medicine, Xinjiang Agricultural University, China. **June 25, 2025**
- ◆ Title: Build a Community with a Shared Future in the Neighborhood and Contribute to the Global Effort to Eradicate Polio, Co-Hosted by China Foreign Affairs University and Peking Union Medical College, Urumqi, Xinjiang, China. **(Oral Presentation) June 21, 2025**
- ◆ Title: A Robust Biosecurity Promising a Bio-Secured Region
China-Central Asia & Shanghai Cooperation Organization Member States Forum towards a Global Community of Health for All, Co-hosted by China Foreign Affairs University and Peking Union Medical College, Urumqi, China. **(Oral Presentation) June 20, 2025**

- ◆ **Biotechnology and the Cultivation of Tuna and Nopal, held in Ayacucho, Peru**
(Poster Presentation) **Feb 25-26, 2025**
- ◆ **3rd International Conference on THE YAK, Sakardu, Pakistan**
(Oral Presenter) **Nov 20-21, 2024**
- ◆ **Paracon 24 Tackling Food Security Challenges, held in Lahore, Pakistan**
(Oral Presenter) **Oct 09-10, 2024**
- ◆ **Innovations For Sustainable Development Goals, Held In Behrain, Swat, Pakistan**
(Speaker) **Sep 09-11, 2024**
- ◆ **42nd Pakistan Congress of Zoology, Muzaffarabad, Pakistan**
(Oral Presenter) **April 23-25, 2024**
- ◆ **Two Days International Seminar On Paleontology, Bahawalpur, Pakistan**
(Organizer) **Feb 10-11, 2025**
- ◆ **1st International Conference on Animal Production & Biosafety, held in Sakrand, Pakistan**
(Speaker) **Feb 22-23, 2024**
- ◆ **2nd Sino-UK international symposium on Recent Advances of avian disease research**
march, 2016, Shandong, China
- ◆ **China International Slow City Organic summit, International Slow City of Nanjing, China**
April 20-21, 2015
- ◆ **Re-emergence of poultry diseases: 2-day seminar held at the University of Agriculture,**
Faisalabad, December 13-15-2015

Administrative Position

1. **Member** of HEC-CUVAS appointed “Scrutiny Committee” for processing and Nomination for Pakistan Civil Awards 2024, Higher Education Commission.
2. **Focal Person** for Prime Minister Youth Laptop Scheme PHASE-III, Cholistan University of Veterinary & Animal Sciences, Bahawalpur.
3. **Focal Person** of the University for Breast and Cervical Cancer awareness program in Bahawalpur city, 63100, Punjab, Pakistan, and the Blood Donor Society, Cholistan University of Veterinary & Animal Sciences, Bahawalpur.
4. **Member** Committee to devise, review, and recommend the MOU/MOC/LOA to be signed with the external organization on behalf of the CUVAS, Bahawalpur

5. **Member** of the CUVAS Committee to Design Medals for Position Holders to be presented in the convocation.
6. **Member** Climate Consortium for CUVAS & Bahawalpur City
7. **Member** Board of Studies for the faculty of Bio-Sciences, CUVAS,
8. **Assistant Warden**, Boys Hostel, CUVAS, Bahawalpur

Service to Profession

1. Reviewed scientific articles for different scholarly journals, including Frontiers Genetics (IF 4.8, HEC W category),
2. The Asia-Pacific Journal of Clinical Oncology
3. Aging
4. Journal of Food Process Engineering
5. Frontiers in Cardiovascular Medicine

Awards and Honors

Fully Funded Training in the Arab Republic of Egypt on Environmentally Friendly Housing for the betterment of Animal Health and Production.

Fully Funded Training Program organized by Shandong College of Business Administration
Fully Funded International Training sponsored by the University of Tennessee, USA **2017**

Fully Funded Ph.D. Scholarship, (China Agricultural University, Beijing, China) **2011**

University Sports Color, University of Agriculture, Faisalabad **2008**

Project Completed

START-UP RESEARCH GRANT PROGRAM

1. Project Title:

Epidemiological, hematological, and histological studies of Haemonchosis in sheep of the Cholistan Desert area of Bahawalpur (Funding Agency-Higher Education Commission of Pakistan (HEC) Project# 1569)

2. Project Title:

Development of a Colorimetric kit for the diagnosis of Surra in camels based on metal nanoparticles.

(Funding Agency-Pakistan Sciences Foundation)

International Research Collaborator. Monica Florin-Christensen, Ph.D, Senior Scientist, National Research Council of Argentina (CONICET)
Institute of Veterinary Pathobiology, National Institute of Agricultural Technology (INTA), Argentina

3. Project Title:

Employment of Cochineal insect for local Production of biologically safe Carmine dye in Cholistan region (funding Agency-Pakistan Punjab Agriculture Research Board (PARB)

International Collaborator-Prof. Liberato Portillo
Institution/organization: University of Guadalajara,
Mexico Telephone: (52) 33 3777 1192 ext. 32991
Email:
liberato.portillo@cucba.udg.mx Cell
no: +52 33 111 9311

Book Chapter Published

1. From Zoonoses to Sustainability: The Human-Animal-Environment Connection

Syed Sami Haider^{1, 2, 3*}, Hafiz Amanat Ali⁴, Faizan Saleem^{3*}, Tasneem Murtaza⁵, Asim Muhammad⁶, Sana Majeed⁷, Muhammad Furqan Ilyas⁸, Jamal Muhammad Khan⁹, Syed Wali Haider^{10, 11} and Muneeb Asghar¹²

2. Use of Essential oils as an Alternate Approach against Parasitic Infections

Syed Muhammad Ali Shah¹, Asim Shamim¹, Fiza Tariq², Farah Shafique³, Jamal Muhammad Khan⁴, Taqdees Aimen⁵, Ouziffa Niaz¹, Syeda Noor Fatima⁶, Syed Ali Haider Shah⁷ and Safa Tariq⁸.

3. A Healthy Planet, Healthy People: Exploring The Links Between Environment and Health Maria NAZIR Tehreem ZAHRA Arifa MEHREEN Tasneem MURTAZA Jamal Muhammad KHAN Shafeeq Ur REHMAN

Published articles

1. Rational engineering of a novel cationic LL-37–temporin SHa hybrid peptide with anti-parasitic activity and effects on mitochondrial membrane potential in protozoan parasites Kiran Khurshida, Muhammad Adnan Sabir Mughalb, **Muhammad Jamal Khan c**, Zubair Azhar Nomib, Baseer Ahmadb d, Haizhou Gongg, journal homepage: www.elsevier.com/locate/micpath (IF 3.5 Q 2) MPDI <https://doi.org/10.1016/j.micpath.2026.108550> Accepted 10 May 2026
2. Seasonal Impacts on Salmonella Prevalence and Antimicrobial Resistance in the Pork Food Chain of Northeastern Thailand" (AEM00057-26R1) by Liu Hongmei, Bai Zhongbin, Wang Ning, Chaiwat Pulsrikarn, Patchara Phuektes, Prawit Butudom, Liu Yaowen, Zuo Weidong, Ji Renchun, Bi Tingkai, Mei Chunfen, Zhou Rong, Wengui Li, Wu Yi, Sun Xiaowei, Liu Yiduan, **Jamal Khan**, Sunpetch Angkititrakul, Fanan Suksawat, and Wu Xin,
Journal Name: Applied and Environmental Microbiology (Accepted Date 09/April/2026)

3. Mingzhuo Chen, Weigang Ren, Xin Wu, **Jamal Muhammad Khan**, Humera Nazir, Shafeeq Ur Rehman, Faizan Ali and Junwei Li. Insights into Monkeypox Virus: Host Immunity, Viral Immune Evasion, Recent Advances in Vaccines, Therapeutic Development, and Future Perspectives RESEARCH ARTICLE DOI: MPDI <https://doi.org/10.3390/microorganisms14020317> Microorganisms 2026, 14, 317 (Review Article, Corresponding Author)
4. Zhengtian Li; Mubbashar Hassan; Hafiz Ishfaq Ahmad; Muhammad Adnan Ashraf; Akhtar Rasool Asif; Iram Qadeer; Abid Hussain Shahzad; Shaista Abbas; Muhammad Sajid; Abdul Mateen; Irfan Ahmed; Jamal Muhammad khan; Sayyed Aun Muhammad; Farid S. Ataya (2025). Structural and evolutionary constraints shape adaptive landscapes of immune-related genes across mammalian phylogeny. Plos one, 20(11), e0332734.
5. Muhammad Ejaz,¹ Muhammad Jamil Yousaf², Hafeez Ullah³, Asma Iqbal⁴, Ahad Masood Hashmi⁵, Junaid Farooq⁶, Usama Tahir⁷, Abdul Waheed khan⁸, Inam Ullah Khan⁹, Syed Meesam Raza¹⁰, Jamal Muhammad Khan¹¹ Exploring The Role Of Ankrd In Breast Invasive Carcinoma: Expression Analysis Promoter Methylation, and Prognostic Impliation Through bioinformatics Analysis (HEC Approved X Category) RESEARCH APTICLE DOI: 10.53555/jptep.v31i3.5164
6. Shahid Ullah¹, Syed Meesam Raza², Alkuwaykibi M S³, Hedib Alkoumi H Alrawili⁴, Hafeezullah⁵, Alruwaili A M^{6*}, Jamal Muhammad Khan^{7*} Comprehensive Analysis of Pdzd2,Exppression and Regulatory Machanisms in breast invasive Carcinoma: Implications for prognosis and Therapeutic Targeting (HEC Approved X Category) RESEARCH ARTICLE DOI:10.53555/jptep.v31i3.5093
7. Atta Ullah¹, Muhammad Jamil Yousaf², Hifzar Ullah³, Imran Ali Bobber⁴, Junaid Ahmed⁵, Saira Farman⁶, Panhwer Sana Noor⁷, Momina Sami Khan⁸, Akrama⁹, Syed meesam Raza¹⁰, Jamal Muhammad Khan¹¹,* Reassessing The Controversial Association: A Bradford Hill Criteria Analysis of human papillomavirus in Laryngeal Cancer (HEC Approved X Category) RESEARCH APTICLE DOI:10.53555/jptep.v31i3.5034
8. Asim Gamaryani¹, Fadia Waheed², Ammar Nawazish³, Sanobar Gull⁴, Habibullah Janyaro⁵, Bushra Parveen⁶, Murtaza Haide⁷, Momina Sami⁸, Syed Meesam Raza⁹, Jamal Muhammad Khan¹⁰,* Deciphering The Molecular Landscape of Head and Neck Squamous Cell Carcinoma: Comprehensive Analysis Of SLC31a1 Expression and Regulatory Meehanismas. (HEC Approved X Category) RESEARCH APTICLE DOI:10.53555/jptep.v31i3.470 Khan, M.Z.,J. Xiao, Y Ma, S. Liu, A. Khan, J.M. Khan , and Z. Cao. Research Development on Anti- Microbial and Antioxidant Properties of Camel Milk and Its Role as an Anti-Cancer and Anti Hepatitis Agent Antioxidants,2021,10.788(IF=6.32)
9. TANG Xiangping¹, Jamal Muhammad Kahn², Syed Saba Sajjad³, Sobia Khwaja⁴, YI Yongxiang^{1*}. LI Junwei^{1*} Lack of Correlation Between Human papillomavirus and Nasopharyneal Cancer: A Comprehensive Assessment through Systematic Meta-Analysis” Journal of population Therapeutics & Clinical Pharmacology(HEC Approved X Category) RESEARCH APTICLE DOI:10.53555/jptep.v31i3.4476
- 10.J.Cui, X. Sun, X.L.i, M. Ke, J. Sun, N.Yasmeen, jamal Muhammad Khan, H.Xin, s. Xue, Z. Baloch Association between Different Indicators of obesity and depression in Adults in Qingda, china: A Cross- Sectional study , Frontiers in Endocrinology (Front DEndocrinal (Lausanne). 2018,9: 549.P Published online 2018 Oct 10.doi: 3389/fendo 2018.00549(IF=5.2)
- 11.Kinza Khan¹, Rizwan Sultan², Syed Qawar ali Shah³, Zhaid Farooq⁴, Najeeb Ur Rehman ⁵, Hafsa Munir⁶, Jamal ,Muhammad khan⁷, head and neck cancer risk and Human Papillomavirus; Bradford hill criteria based evaluation journal of population Therapeutics & clinical Pharmacology(HEC Approved X Category) RESEARCH APTICLE DOI:10.53555/jptep.v31i3.4213
12. L. Yuanyue, Z. Baloch, L. Shanshan, N. Yasmeen, W. Xiaomei, Jamal Muhammad Khan X.Xueshan, cervical cancer human papillomavirus nd vaccine-Related Knowledge, Cancer control. 2018Jan-Dec: 25(1): 10732744818799306. Published online 2018 sep 14. DoI: 101177/1073274878799306(IF=2.6)

13. Yasir Arfat¹, Zafar², Sheikh Arslan Sehga³, Mazhar Ayaz⁴, Muhammad sajid, Jamal Muhammad Khan⁴, Muhammad Ahsan⁵, Mohd Ashraf Rather⁶, Azmat ali Khan, Jamilah M. Alshehri, Shopnil Akash, Eugenie vaccine against MAPK protein express for Alzheimer,s disease in Zebrafish (Heliyon,20230(IF=4.5)
14. Khan J.M Bibi S, Naz. S Rauf . M Ahmed .M Saeed M Iqbal M.J Hameed . Mutations in the Bone Mophogentic Protein 15 Gene Causing Defective Protein Secretion in Cholistani Infertile Sheep Screening of BMP 15 mutations in Cholistani Sheep. (Brazilian Journal of Biology, 2021)(IF=1.7)
15. Khan M.Z., Belhan N. Cetin, A Ayan A. Khan I. Ahmed Y. Ma, J. Xiao J.M Khan IM. Khan, and M.K. Shah Mining for the association of bovine mastitis linked genes to pathological signatures and Pathways Annals of Animal Science, 2021, DOI: 10.2478/aoas-2021-0049 (1F-2.03)
16. Khan M., S.El-Ashram, H.B.Liu, S.H.Khan, A.Ayan, X.Y.Liu,H. Wang.X. a. M.Tang M.F.Hassan, X.Suo Clinico-Hematological Alterations Induced by Wild and Transgenic type Chicken Interleukin (IL- 4) carrying Eimeria mitis strains in broiler birds PakVet J, 2016.36(4):415-420 (IF-2.3)
17. KHAN, J. M, et al. Comparative Evaluation of Leucotoxic Activities of Indigenous S. aureus isolates from Subclinical and Clinical Mastitic Milk Samples of Buffalo and Cattle. The open access Veteninary Science Journal 2013, Vol7,PP,18-21
18. Jamal Khan, Saeed EP Ashram, Qing Ylh, John Barta, XianyongLiu, and XunSoor Immuno proteomic technology offers an extraordinary diagnostic approach for Toxoplasma gondii infection. J Microbial Method 2015 Dec: 119: 18-30. Doi: 10.1016/j.mimet. 2015.090011.Epub 2015 Sep 28 (IF=2.622)
19. Jamal Muhammad Khan M. F. Hassan, S.H. Khan, M. E. Babar, L. Yang, T. Ali,, S. Z.A.Shah, X. Zhou,T. Hussain, T. Zhu, T. Hussain, D. Zhao, Polymorphism Analysis of Prion Protein Gene in 11 Pakistani Gout Breeds Prion 2016July3: 10(4):290-304 (IF-2.547)
20. A.Ayan, O. O. Kilinc, Jamal Muhammad Khan, A. B. Yilmaz, A. S. Karakus, M.M. Bia, G.Akyildiz, D.Lee, MOLECULAR CHARACTERIZATION OF TETRATRICHOMONAS G ALLINARUM IN DOMESTIC TURKEY(MELEAGRIS GALLOPAVO) IN VAN PROVINCE, TURKEY International Journal of Ecosystems and Ecology Science (LJEES) Received November 2019; Accepted January 2020; Published March 2020; DOI: <https://doi.org/10.31407/jees10.207>
21. Khurshied AK, Junwei L, Murtaza II, Ikram ul HM, Jamal Muhammad Khan, Zahoor M, Osama G. Muhammad HS, Hameed MS, Khaliq MA, Shahbaz A. Tahria BQ, Maqbool A, Nisar H, Matlob A. Ijaz Hussain M and Asma N, First 65 Days Trajectory of COVID-19 Outbreak in Pakistan (Facts, Hopes and Expectations) an Evidence Review, International journal of Clinical Studies & Medical Case Reports Received: May 18, 2020 Published: June 15, 2020
22. Khurshied Ahmed khan, Ikram ul Haq M, Jamal Muhammad Khan, Muhammad Zahoor, Osama Gohar, Muhammad Haris Sher, Muhammad Salman Hameed, Muhammad Athar Khaliq, Shahbaz Ali, Ahmad Kamran Khan, Tahria Batool Qasrani, Maqbool Ahmad, Nisar Hussain, Matlob Ahmad, Muhmmad Ijaz Hussain, Asma Noreen, Addressing the Impact of Covid-19 Lockdown on Agriculture, Food Security and livelihoods in Pakistan, Current Trends in Engineering Science (CTES) Received date: June 02, 2020Published date: June 30, 2020
23. Ayan. I. Aluned, Jamal Muhmmad khan, S.munir, M.Hussain, A.K.Khan, A jalal, M.A.Qudus. M.L.Saleem A.Sheraz, S.Hussain, M.Z.Talpur, K.Rahim, Z.Baloch, haematological changes and comparative efficiency of Allopathic and herbal drugs on coccidiosis in rabbits, Baltica, ISSN:0067-3064
24. Khurshied AK, Junwei L, Murtaza H, Ikram ul HM, Jamal MK, Zahoor M, Osama Muhammad HS. HameedMS, Khaliq MA, Shahbaz A. Tahria BQ. Maqbool A, Nisar I, Matlob A Ijaz Hussain, Mand Asma N, Assessment of Interference Approaches in Response to COVID-19 Outbreak, International Journal of Clinical Studies & Medical Case Reports Received: May 18, 2020 Published:

June 23, 2020 Review Article

25. Shahid Ullah¹, Alex Tonks², Asif Ullah Khan¹, Abdulsalam M Alruwaili², Hedib Alkoumi H Alrawili³, Carlos Eliel Maya-Ramírez⁴, Jamal Muhammad Khan^{5*}, Muhammad Arif Lodhi¹
ILLUMINATING THE ROLE OF TP53 IN ACUTE LYMPHOBLASTIC LEUKEMIA (ALL) USING
INTEGRATED BIOINFORMATICS (METHODOLOGY) (HEC

Approved, X category) Research Article DOI: 10.53555/jptcp.v31i4.5344

26. Erum Khushnood Zahid Shaikh¹, Dr Kiran Sami², Parvez Ahmed Shaikh³, Aijaz Ahmed Shaikh⁴, Farhan Zeb Khaskhelly⁵, Ahmed Ali^{6*}, Sofia Munir⁷, Jamal Muhammad Khan^{8*} China's Strategic Alliances With Muslim Countries: Economic, Political, And Cultural Research Article DOI: 10.53555/ks.v12i5.3440

Date: September 2024

Volume: 12, No: 5, pp 1148-1151

27. Tang Xiangping Jamal Muhammad Khan Syeda Saba Sajjad Sobia Khwaja Yi Yongxiang Li Junwe
LACK OF CORRELATION BETWEEN HUMAN PAPILLOMAVIRUS AND NASOPHARYNGEAL
CANCER: A COMPREHENSIVE ASSESSMENT THROUGH SYSTEMATIC META-ANALYSIS

Research Article DOI: <https://doi.org/10.53555/jptcp.v31i2.4476>

Date: Feb 15,