

Muhammad Khisroon, PhD

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ABOUT ME

Senior academic professional serving as Associate Professor and Director of the Zoology Department, with proven leadership in strategic planning, accreditation, curriculum modernization, and faculty development. Successfully led departmental growth, enhanced research output, and improved student outcomes through innovative academic initiatives. Actively engaged in research with publications in peer-reviewed journals and a strong commitment to advancing zoological education and institutional excellence through research supervision.

PERSONAL DETAILS

Nationality: Pakistani
Date of Birth: January 15, 1974
Gender: Male
Languages: Pushtoo, Urdu, English

Mailing Address: House no SA.16,
University campus, University of
Peshawar, Khyber Pakhtunkhwa,
Pakistan

Permanent address: Kotka Sardar Ali
khan, GPO Bannu, Kyber Pakhtunkhawa

EDUCATION

Post-doc | Molecular
Biology/Biotechnology | Neil Hunter lab,
University of California Davis, USA |
2012-2013

Ph.D. | Biological Sciences (Molecular
Biology/ Biotechnology)| University of
Sheffield, UK| 2003-2007

M.Sc. | Zoology | Dept. of Zoology,
University of Peshawar | 1995-1997

B.Sc. | Zoology, Botany, Chemistry |
Gomal University, Dera Ismail Khan |
1992-1994

HSSC/F.Sc. (Pre-medical) | BISE, Bannu |
1992-1994

SSC (Science) | BISE, Bannu | 1988-1990

Ph.D. Dissertation Title: *A search for post-translational modifications required for normal meiosis.*

WORK EXPERIENCE

➤ Director, Institute of Zoological Sciences, University of Peshawar

Organization/University: University of Peshawar, Peshawar
Tenure: 18.12.2024 to date – Present

Achievements: I optimized and boosted to;

- Lead development and implementation of short- and long-term departmental goals aligned with objectives of the University.
- Coordinate creation of annual course offerings and individual faculty teaching schedules based on student needs and faculty input.
- Guide curriculum development and improvements to instructional quality.
- Encourage and support faculty professional development in research, creative activity, service, and professional involvement.
- Promote cooperation with other departments and foster interdisciplinary initiatives.
- Maintain communication with university administration, campus community, alumni, and external bodies such as certification or internship organizations.
- Participate in college and university decision-making and policy formation as a faculty member.
- Monitor academic progress of student cohorts in collaboration with advisors and program coordinators.
- Oversee departmental advising, registration, and retention initiatives with faculty participation.
- Recommend and supervise graduate coordinators in consultation with faculty.
- Coordinate all faculty search and screening processes and ensure compliance with University employment and diversity guidelines.
- Serve as fiscal officer: prepare, manage, and report on the departmental budget.
- Oversee maintenance of accurate faculty and student records.
- Prepare required departmental reports for the University and external agencies.
- Supervise civil service staff, student workers, and graduate assistants.

➤ Associate Professor (BS-20), Zoology

Organization/University: University of Peshawar, Peshawar
Tenure: May 20 October 2018– Present

➤ Assistant Professor (BS-19), Zoology

Organization/University: University of Peshawar, Peshawar
Tenure: March 21, 2009 – May 09, 2022

➤ Lecturer (BS-18), Zoology

Organization/University: University of Peshawar, Peshawar
Tenure: October 17, 2001 – March 20, 2009

Ph.D. Students supervised.

S.No	Name	Thesis title	Session
1.	Muhammad Siraj	Evaluation of Heavy Metals Toxicity in Selected Fish Species of River Kabul (2010)	2010-2014
2.	Naila Gulfam	Development and Characterization of Highly Porous Carbon Based Poultry Khisroon Feed Detoxifier to Ameliorate theToxic Effects of Ochratoxin-A in <i>Gallus domesticus</i> .	2013-2017
3.	Muhammad Iftikhar Khan	Freshwater Mussel (<i>Anodonta cygnea</i>) As a Bioindicator Monitoring of Pollution Status in River Kabul, Pakistan	2011-2015
4.	Raffaqat Masroor	Distribution, Ecology and Systematics of Amphibians and Reptiles of Southern Baluchistan,Pakistan.	2011-2015
5.	Nazish shah	Biomonitoring effects and dynamics selected potentially Toxic Metals Biology in Grass Carp (<i>Ctenopharyngodon Idella</i>).	2014-2018
6.	Ajmal khan	Genetic Polymorphisms in metabolic Detoxifying and DNAMedical Related Repair Genes and its correlationS ubjects with Bladder, Colorectal andProstate Cancers among Tobaccoaddicts in Khyber Pakhtunkhwa,Pakistan.	2013-2017
7.	Abidullah	Evaluation Of Genotoxic And Genoprotective Effects Of Acrophylline-A, Salicyloylsalicin, Ferruginan And Cyclooolovil	2014-2018
8.	Gul Nazmina	Genetic Study Of Neurodevelopmental Disorders In Pakistani Consanguineous Families	2019-2020
9.	Shah Fahad	BEHAVIORAL ECOLOGY OF SEXUAL SEGREGATION OF MARKHOR CAPRA FALCONERI IN CHITRAL GOL NATIONAL PARK	2019-2020
10.	Ubaid Ullah	EVALUATION OF TOXICOLOGICAL EFFECTS OF PESTICIDES ON COTURNIX JAPONICA	2016-2017
11.	Muhammad Imran	ROLE OF GENE POLYMORPHISM IN DNA DAMAGE, HEAVY METALS ACCUMULATION AND OXIDATIVE STRESS IN MARBLE FACTORY WORKERS FROM PESHAWAR	2019-2020

1	Majid khan	Mutation Screening of Congenital General Skin Disorders from District Dir	2011-2012
2	Ahmadullah	Diagnostic Quality Assessment of Parasitology Malaria in Private Clinical Laboratories of North Waziristan	2011-2012
3	Ajmal Khan	Assessment of Genotoxicity due to Smokeless Tobacco Product (Naswar) in Its Addicts by Alkaline Comet Assay (2013)	2011-2013
4	Maryam	Assessment of DNA Damage in General Radiology Personnel Using	2011-2013

	Naseem	Comet Assay	
5	Ayesha Gul	Assessment of DNA Damage in General Persons working in CNG/Fuel Filling Stations and Automobile WorkshopsUsing Comet Assay	2011-2013
6	Ubaidullah	DNA Damage Assessment in Ubaidullah General Matchsticks Factory Workers.	2009-2010
7	Javed Farooqi	Systematics and Distribution of General Lizards Laudakia and Paralaudakia (Reptilia: Agamidae)	2013-2014
8	Bakhtarin khan	Genetic Mapping of Genes Involved Inherited Ichthyosis in Selected Families from District Buner	2012-2013
9	Qaisar Zaman		
10	Noor ul Huda	Evaluation of Genotoxicity in Noor ul Huda Individuals Exposed to Biomass in Khyber Pakhtunkhwa,Pakistan	2014-2015
11	Aleena	Assessment Of DNA Damage Using Alkaline Comet Assay In Occupationally Exposed Painters Of Peshawar	2013-2014
12	Muhammad Imran	Evaluation of Genotoxicity in Noor ul Huda Individuals Exposed to Biomass Fuel Smoke in Khyber Pakhtunkhwa, Pakistan	2014-2015
13	Sulaiman	Toxicity Evaluation of Chlorpyrifos in General Male Japanese Quails (<i>Coturnix Japonica</i>)	2013-2014
14	Haleema	Assessment of Genoprotective and Genotoxic Effect of extract of Senna Artemisioidas.	2013-2014
15	Saliha Gul	Assessment of Genotoxicity due to Cigarette Smoke in Active and Passive Smokers by Alkaline Comet Assay.	2013-2014
16	Jameel khan	Parasitological and Genotoxic Assessment of Drinking Water of DPs Camps in District Bannu, Khyber Pakhtunkhwa	2014-2015
17	Nasir khabeer	Evaluation of DNA Damage and General Health Status of Snuff Factory Workers.	2014-2015
18	Ruhamat Taj	Evaluation Of DNA Damage With Reference To GGT1 and GSTM1 Null Mutations In Sanitary Workers Of Peshawar	2015-2016
19	Summaya marwat	Association Of GSTM1 And GSTT1 Null Mutations With DNA Damage In Occupationally Exposed Car washers Of Peshawar	2015-2016
20	Gulnazamina	Association Of Heavy Metals, GSTM1 & GSTt11 Gene Mutation With Male Sex Hormones Level In Snuff Factory Workers In Bannu, Khyber Pakhtunkhwa	2015-2016
21	Nazia Hassan	Assosiation Of GSTM1 And GSTT1 Gene Deletions With DNA Damage In Individuals Working With Photocopier Machines.	2016-2017
22	Ashraf Ali shah	Association of Heavy Metals with DNA Damage in Occupationally Exposed Welders of District Peshawar, Khyber Pakhtunkhwa, Pakistan	2016-2017
23	Asma Ayub	Association Of GGT1 And GSTM1 Polymorphism With DNA Damage In Gold Refiner Workers. From Peshawar Kyber Pakhtunkhwa.	2016-2017
24	Maleeha Humayun	Association Of GSTM1 And GSTT1 Null Mutations With DNA Damage In Individuals Occupationally Exposed To Anesthetic Gases	2016-2017
25	Tanzeela	Evaluation Of Genotoxic Effect Of Homeopathic Medicines (Lycopodium Clavatum And Nux Vomica) On Human Lymphocytes And Balb-C Mice	2016-2017
26	Ziaullah Khan	Reproductive Hormone And Antioxidant Enzyme Status Of Pesticides Exposed Workers Of District Bannu.	2017-2018
27	Maghfoor	Assessment Of DNA Damage Of Grass Carp Exposed To Oxide, Non Oxide And Green Nano Particles.	2017-2018
28	Israil	DNA Damage Protection Analysis Of Ethyl Gallate By Comet Assay	2014-2015
29	Roozee	Risk Factors and Association Of GLUT4 Gene (Rs5435) Polymorphism With Type 2 Diabetes Mellitus In District Charsadda, Pakistan	2018-2019
30	Naila	DNA Damage Analysis With Respect To XPD Gene Polymorphism In Polyvinyle Pipe Industry Workers In Peshawar, Pakistan	2018-2019
31	Nazia	Conservational Status and Identification Of Intestinal Parasites In Markhor Of Chitral Gol National Park.	2018-2019
32	Omar Hayat	Assessment Of In-vitro And In-vivo Genotoxic Effect Of Selected Food Dyes.	2018-2019

33	Shakir Ullah	DNA Damage and Effect Of Cadmium Sulfide Nanoparticle On Female Reproductive System Of Mice.	2018-2019
34	Mehran Khan	BoLA-DRB3 Gene Polymorphism In Association With Resistance Or Susceptibility To Bovine Leukemia Virus Infection In Achai Cattle	2019-2020
35	Amir Bilal	Assessment Of The Effect Of Phenol On The Dna And Plasma Proteins In Grass Carp (<i>Ctenopharyngodon idella</i>)	2020-2021
36	Javeria khalid	Behavioral, Biochemical, Haematological And Genotoxic Impacts Of Dichlorvos On The Grass Carp (<i>Ctenopharyngodon Idella</i> , Valenciennes 1844).	2021-2022
38	Nadia Shaheen	Assessment Of Irak1 Gene Polymorphism, DNA Damage And Selected Heavy Metals In Rheumatoid Arthritis Patients From Peshawar, Pakistan	2021-2022
39	Aqsa Gul	Evaluation Of Kiss1 Gene Polymorphism, Selected Heavy Metals, And DNA Damage In Polycystic Ovary Syndrom	2021-2022
40	Rabia Shuja	Assessment of DNA damage selected heavy metals, and ACE gene polymorphism in Hypertension patients from Peshawar, Pakistan.	2021-2022
41	Shahid Rauf	TOXICOLOGICAL EFFECTS OF HEMATOXYLIN DYE ON GRASS CARP (<i>Ctenopharyngodon idella</i>)	2022-2023
42	Israr khan	Evaluation of Toxicological Effects of Carbosulfan on Common Carp (<i>Cyprinus carpio</i>)	2022-2023
43	Iqra Ali	Evaluating DNA Damage and Anti-diabetic Efficacy of Herbal Diabetic Patch in Sprague Dawley Rats	2022-2023
44	Muhammad Sohail	Assessment Of Genotoxic Effect Of Marble Wastewater And Selected Heavy Metals On <i>Cyprinus Carpio</i>	2022-2023
45	Ahmad khan		2023-2024
46	Shohib Khan	ASSESSMENT OF GENOTOXIC AND BEHAVIORAL EFFECTS OF PYRIDABEN IN ZEBRAFISH (DANIO RERIO)	2023-2024
47	Mahnoor Baig	Comparative Analysis Of Per3 Gene Polymorphism In Persons From Three Different Occupations.	2023-2024
48	Shahbahat kausar	Bioaccumulation Of Heavy Metals In Plasma And Hair Relative To Gstm1 And Gstm1 Gene Polymorphism In Auto Mechanics In Peshawar, Pakistan.	2023-2024
49	Haleema Sadia	Impact Of Organophosphate Insecticide Trichlorfon On DNA And Behavior Of Common Carp <i>Cyprinus carpio</i>	2023-2024
50	Safi Ullah	<i>Assessment Of The Genotoxicological Effects Of Carbendazim On Common Carp (Cyprinus carpio)</i>	2023-2024
51	Samina Wazir	Assessment Of DNA Damage And Per3 Gene Polymorphism In Cement Workers From Peshawar	2023-2024
52	Muhammad Humam	Identification Of The Species Status Of Mussel Found In The River Kabul	2023-2024
53	Shah Diar Khan	Genotoxic Effects of Chronic Exposure to Polyethylene Microplastics in Zebra Fish	2023-2024

M.Phil. student as Co.Supervision

1.	Abidullah		
2.	Huma		
3	Muhammad Zahid		

M.Sc. Student Supervision

1	Samreen	Assessment of water and soil genotoxicity in two localities of	2009-2010

	Falah	District Swabi & Mardan on Molluscs Hemolymph by Comet assay (2010-	
2	Sajjad	Assessment of genotoxicity of Sajjad Dr. Muhammad Fisheries copper sulfate on fish (<i>Ctenophryngodon idella</i>) By Comet assay	2009-2010
3	Abdul Haq	Bio monitoring of DNA Damage in General Farm Workers occupationally exposed to Peshticide, from Peshawar, Khyber Pakhtunkhwa.	(2013-14)
4	Hina Bahar	DNA damage assessment of snuffers by the comet assay	2009-10
5	Itrat Sabeen	DNA Damage assessment of cigarette smokers by the comet assay	2009-10
6	Nazia Hassan	Genotoxic assessment of Endosulfan on fish grass carp by Comet and Micronucleus Assay Techniques.	2013-14
7	Uzma shah	Assessment of DNA Damage by General Comet Assay in patients with essential Hypertension. (2016-17)	2016-17
8	Yusra Ilyas	Evaluation of DNA Damage in General patients with Type2 Diabetes Mellitus by Comet Assay.	2016-2017
9	Shela Hassan	Assessment of Genotoxic effect of Levofloxacin with pyridine-2,6 related subject diacarboxylic acid on grass carp (<i>Ctenopharayngodon idella</i>) blood via comet and micronucleus Assays.	2016-2017
10	Irum Ayaz	Protein analysis of commercial UHT General Milk through SDS PAGE Technique.	2017-2018
11	Saba Shah	Protein analysis in Fresh Milk through SDS PAGE Technique.	2017-2018
12	Umar zeb	Anti Bacterial activity of Silver Nano Particles (AgNPs) against <i>Streptococcus pyogenes</i> .	2017-2018
13	Mujeebullah	Prevalence of AZFc Y-chromosome General micro deletion SY254 in the sterile population of Khyber Pakhtunkhwa.	2013-2015
14	Irafanullah	Evaluation of AZFb Y-chromosome micro deletion SY127 as a genetic factor in the infertile male subjects of Khyber Pakhtunkhwa.	2013-2014
15.	Aimon Quershi	Anti Bacterial activity of Silver Nano Parasitology Particles (AgNPs) against <i>Staphylococcus aureus</i> .	2013-2014
16.	Mishkat Ullah	Prevalence of AZFc Y-chromosome micro deletion BPY1 209 in infertile male subjects of Khyber Pakhtunkhwa.	2013-2014
17.	Zainab Shah	Evaluation of DNA Damage in Human Lymphocytes induced by different quantities of Silver Nano Particles having some concentration.	2014-2015
18	Saima Ikram	Nested PCR based prevalence of Malaria in different areas of Mirpur.	2011-2012
19	Bushra Hussain	Assessment of Genotoxic effect of Ciprofloxacin with pyridine-2,6 related subjectdiacarboxylic acid on grass carp blood via comet and micronucleus Assays.	2020-2021
20	Nazia Sultan	Assessment of Plasma Protein Fisheries Profile changes in fish due to Endosulfan by Poly Acrylamide Gel Electrophoresis Techniques.	2015-2106
21	Muhammad Kashif	Prevalence of AZFa Y-chromosome General micro deletion SY84 as a genetic factor in the infertile male subjects of Khyber Pakhtunkhwa.	2013-2014
22	Muhammad Hanif Sani	Prevalence of AZFb Y-chromosome General micro deletion RBM1 800 in infertile male subjects of Khyber Pakhtunkhwa.	2013-2014
23	Ashraf Ali Shah	Prevalence of AZFa Y-chromosome micro deletion DBY164 in infertile male subjects of Khyber Pakhtunkhwa.	2013-2014
24			

B.S. Students supervised.

1	Javeria Baseer	Correlation of Nul Mutation in Glutathione S-Transferase M4 gene (GSTT1) on onset of Breast Cancer.	2012-2016
2	Sumayya Khattak	Correlation of Null Mutation in Glutathione S-Transferase theta gene (GSTT1) on onset of Breast Cancer.	2012-2016
3	Muhammad Ilyas	Evaluation of Glutathion-S- Transferase GSTT-1 polymorphism frequency in Diabetics patients District Charsadda.	2013-2017
4	Summera <i>et al.</i>	The comparison of high and low altitude selected Fishes of KPK, , By Analysing their DNA Subjects Damaging, Water Quality Parameters and Blood Parameters.	2015-2019
5	Shuhab uddin <i>et al</i>	Evaluation of DNA Damage in HumanLymphocytes exposed to Azithromycin By Alkaline Comet assay.	2017-2021
6	Fiazan <i>et al</i>	Assessment of Genotoxic effect of Levofloxacin with caffeic acid on Grass Carp (<i>Ctenopharyngodon idella</i>) blood via Comet and Micronucleus Assays.	2017-2021
7	Ahmadullah khan <i>et al.</i>	Assessment of Effect of Malathion . Fisheries & on the DNA, Biochemistry and Heamatology in Grass Carp (<i>Ctempharyngodon idella</i>) .	2018-2022
8	Muhamamd Irfan <i>et al.</i>	valuation of DNA Damage in Human Lymphocytes exposed to Azithromycin and Caffeic Acid By Alkaline Comet Assay.	2018-2022

Courtiers Visited for Professional Work

England, Scotland , India, USA

Reviewer in Peer-reviewed Journals

- Journal of Radiation Research
- Biological Trace Element Research.
- Sarhad Journal Agriculture Sciences.

Scholarly Publications

Peer-reviewed Publications

Total Impact Factor: > 171

Google Scholar Citations: >793

Average Impact Factor per article: 3

H Index: 17

i10 Factor: 23

Publications.

1.Yaroslav Terentyev, Rebecca Johnson, Matthew J. Neale, **Muhammad Khisroon**, Anna Bishop-Bailey and Alastair S. H. Goldman.(2010). Evidence that MEK1 positively promotes interhomologue double-strand break repair, Nucl. Acids Res. 38 (13): 4349-4360.

2.Zakiullah, Saeed M, Ali S, Javed N, Khisroon M, Muhammad B, Khuda F, Ahmad S, Ismail M (2014). Genetic susceptibility to esophageal cancer due to CYP1A1 gene variant rs4646903 in tobacco addicted patients of Pashtun ethnicity: a case control study in Khyber Pakhtunkhwa province of Pakistan. Asian Pac J Cancer Prev. 2014;15(16):6715-20.

I.F (2.5) HJRS category W

3.Zakiullah, Ahmadullah, **Khisroon M**, Saeed M, Khan A, Khuda F, Ali S, Javed N, Ovais M, Masood N, Khalil NK, Ismail M(2015). Genetic susceptibility to oral cancer due to combined effects of GSTT1, GSTM1 and CYP1A1 gene variants in tobacco addicted patients of Pashtun ethnicity of Khyber Pakhtunkhwa province of Pakistan. Asian Pac J Cancer Prev. 2015;16(3):1145-50.

I.F (2.5) HJRS category W

4. **Khisroon M**, Khan A, Naseem M, Ali N, Khan S, Rasheed SB (2015).

Evaluation of DNA damage in lymphocytes of radiology personnel by comet assay. J Occup Health. 2015;57(3).

I.F (2.8) HJRS category X

5. **Khisroon M**, Gul A, Khan A, Ali N, Zaidi F, Rasheed SB, Ahmadullah, Akbar H (2015). Comet assay based DNA evaluation of fuel filling stations and automobile workshops workers from Khyber Pakhtunkhwa province, Pakistan. J Occup Med Toxicol.

I.F (2.8) HJRS category W

6. Ali RH, Mahmood S, Raza SI, Aziz A, Irfanullah, Naqvi SK, Wasif N, Ansar M, Ahmad W, Shah SH, Khan BT, Zaman Q, Gul A, Wali A, Ali G, Khan S, **Khisroon M**, Basit S.(2015). Genetic analysis of Xp22.3 micro-deletions in seventeen families segregating isolated form of X-linked ichthyosis. J Dermatol Sci. 2015 (3):214-7

I.F (5.4) HJRS category W

7. Ali N, Ullah A, Wahid S, Khisroon M, Rasheed SB(2015). Distribution, species composition and relative abundances of sandflies in North Waziristan Agency, Pakistan. Med Vet Entomol; 2015 30(1):89-94

I.F (1.9) HJRS category W

8. Siraj M, **Khisroon M**, Khan A (2015). Bioaccumulation of Heavy Metals in Different Organs of Wallago attu from River Kabul Khyber Pakhtunkhwa, Pakistan. Biol Trace Elem Res. 2016 ,172(1):242-50.

I.F (4.08) HJRS category W

9. Zaidi F, Fatima SH, **Khisroon M**, Gul A (2016). Distribution Modeling of three screwworm species in the ecologically diverse landscape of North West Pakistan. Acta Trop.

I.F 2.7 HJRS category W

10. Zaidi F, Ali N, **Khisroon M**. Urinogenital Myiasis From Blow Fly in a Pakistani Child. J Coll Physicians Surg Pak. 26: 535-536 .

I.F (0.3) HJRS category X

11. Muhammad Khisroon, Ajmal Khan, Muhammad Imran, Farrah Zaidi, Ahmadullah & Syeda Hira Fatim(2017). Archives of Environmental & Occupational Health,162:56-56.

I. F (1.8) HJRS category W

12. Akbar H, Khan A, Mohammadzai I, Khisroon M, Begum I.(2017). The genotoxic effect of oxcarbazepine on mice blood lymphocytes. Drug Chem Toxicol. 15:1-6.

I.F (2.5) HJRS category W

13. Zaidi F, Fatima SH, Jan T, Fatima M, Ali A, **Khisroon M**, Adnan M, Rasheed SB (2017). Trop Med Int Health. 2017, 22(9):1130-1140

I.F (2.8) HJRS category W

14. Siraj M, Khisroon M, Khan A, Zaidi F, Ullah A, Rahman G. (2018). Bull Environ Contam Toxicol. 2018 73(3):115-120-

I. F (2.7) HJRS category W

15. Muhammad Iftikhar Khan, **Muhammad Khisroon**, Ajmal Khan, Naila Gulfam, Muhammad Siraj, Farrah Zaidi, Ahmad ullah, Abid ullah, Syeda Hira Fatma, Shumaila Noreen, Hamid ullah, Zafar Ali Shah and Fazli Qadir (2018). Bioaccumulation of Heavy Metals in Water, Sediments, Tissues and their Histopathological Effects on the Anodonta cygnea (Linea, 1876) in River Kabul, Khyber Pakhtunkhwa Pakistan Biomed Research International.

I.F (2.5) HJRS category W

16. Fatima SH, Zaidi F, Adnan M, Ali A, Jamal Q, **Khisroon M** (2018). Environ Monit Assess. 2018 Mar 19;190(4):233 6605-7.

I.F 2.8 HJRS category W

17. Naila Gulfam, **Muhammad Khisroon**, Muhammad Zahoor, Farhat Ali Khan (2018). Development of highly porous carbon nanocomposites derived from coconut shell and its in vitro efficacy of ochratoxin A detoxification , 105, 216-225.

I.F 2.7 HJRS category X

18. Hira FS, Asad A, Farrah Z, Basit RS, Mehreen F, **Muhammad Khisroon** (2018). Patterns of occurrence of dengue and chikungunya, and spatial distribution of mosquito vector Aedes albopictus in Swabi district, Pakistan. Trop Med Int Health.13125.

I.F (2.7) HJRS category W

19. Muhammad Khisroon, Ajmal Khan, Ubaidullah, Farrah Zaidi, Ahmadullah (2018). Bio-monitoring of DNA damage in matchstick industry workers from Peshawar Khyber Pakhtunkhwa, Pakistan. International Journal of occupational and Environmental health 2018 v1.

I.F 1.1 HJRS category W

20. Khan MI, Zahoor M, Khan A, Gulfam N, **Khisroon M.** (2018) Bioaccumulation of Heavy Metalsand their Genotoxic Effect on Freshwater Mussel. Bull Environ ContamToxicol. 2(1):52-58

I.F (2.8) HJRS category W

21. Naila Gulfam, **Muhammad Khisroon**, Muhammad Zahoor, and Farhat Ali Khan(2018) In vivo detoxification of ochratoxin A by highly porous magnetic nanocomposites prepared from coconut Shell. Revista Brasileira de CiênciaAvícola 20(4):675-698.

I.F (1.1) HJRS category W

22. Saleha Gul, **Muhammad Khisroon** , Ajmal Khan, Attaullah, Saira Gul and Gul Nabi Khan(2019). Assessment of **Genotoxicity** in Lymphocytes of Active and Passive Cigarette Smokers Attenuated with Green Tea. Pakistan J. Zool.51(3): 1131-1136

I.F (0.7) HJRS category X

23. Muhammad Zahoor , NailaGulfam, **Muhammad Khisroon**, and Farhat Ali Khan (2019). Removal of Ochratoxin A from water by novel adsorbent; magnetic carbon nanocomposites prepared from sugar beet wastes. Desalination and Water Treatment 152 (1): 234–241.

I.F (1.6) HJRS category X

24. 25. Muhammad Zahoor, Naila Gulfam, **Muhammad Khisroon**, Farhat Ali Khan.(2019). The in vivo efficacy of highly porous carbon nanocomposites prepared from sugar beet waste for the Ochratoxin A detoxification22(6):

I.F (0.4) HJRS category W

25. Nazish Shah, Ahsan Khan, Riaz Ali, Kasi Marimuthu, Khaliq Ur Rahman, Mukhtar Alam, Muhammad Adnan, Muhammad., Shahibzada Muhammad Jawad, **Muhammad Khisroon**, Muhammad Nazir Uddin, Muhammad Rizwan, and Saddam Hussain (2019).

Bioaccumulation and Alteration in Hematological Indices, Red Blood Cell and Nucleus Morphology and Gills and Muscles Tissues of Grass Carp Against Heavy Metals: An Experimental Approach. Biomed research international

I.F (2.5) HJRS category W

26. Nazish shah, **Muhammad khisroon**, Nazma Habib Khan (2020)

Genotoxic Consequences in Common Grass Carp (*Ctenopharyngodon idella Valenciennes, 1844*) Exposed to Selected Toxic Metals. Biological Trace Element Research 199:305–314

I.F (4.08) HJRS category W

27. Suileman, Muhammad zahoor, Ajmal khan, Naila Gulfam, **Muhammad khisroon** (2020)

Toxicity evaluation of pesticide chlorpyrifos in male Japanese quails (*Coturnix japonica*).

I.F (5.6) HJRS category W

28. Rafaqat Masroor, **Muhammad khisroon**, Daniel Jablonski (2020)

A case study on illegal reptile poaching from Balochistan, Pakistan. Herpetozoa, 33:67-75.

I.F (1.6) HJRS category X

29. Rafaqat Masroor, **Muhammad khisroon** , Muazzam Ali Khan Daniel Jablonski (2020). A new species of Microgecko Nikolsky, 1907 (Squamata: Gekkonidae) from Pakistan

I .F (1.09) HJRS category X

30. Rafaqat Masroor, **Muhammad khisroon** , , Muazzam Ali Khan Daniel Jablonski (2020)

A new species of Eremias (Squamata: Lacertidae) from the arid mountains of Pakistan,.Zootaxa

I.F (1.09) HJRS category X

31. Hammad Ahmad , Asad Ali1, Syeda Hira Fatima, Farrah Zaidi4, **Muhammad Khisroon**, Syed Basit Rasheed4 • Ihsan Ullah, aleem Ullah, Muhammad Shakir .(2020)

Spatial modeling of Dengue prevalence and kriging prediction of Dengue outbreak in Khyber Pakhtunkhwa (Pakistan) using presence only data. Stochastic Environmental Research and Risk Assessment. 34:1023–1036

I.F (3.8) HJRS category W

32. Nazish shah, **Muhammad Khisroon** , Syed Sajjad Ali Shah.

Assessment of copper, chromium, and lead toxicity in fish (Ctenopharyngodon idella Valenciennes, 1844) through hematological biomarkers Environmental Science and Pollution

Research. 27:33259–33269.

I.F (5.8) HJRS category W

33. **Muhammad Khisroon** Ajmal Khana, Asma Ayuba, Ihsan Ullah Javeed Farooqia , Abid Ullaha. DNA damage analysis concerning GSTM1 and GSTT1 gene polymorphism in gold jewelry workers from Peshawar Pakistan. Biomarkers, 25(6): 483–489

I.F (2.6) HJRS category W

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