



Dr. Muhmmad Nasir Bhaya

Assistant Professor (BPS-19)

DEPARTMENT OF PATHOLOGY, FACULTY OF VETERINARY SCIENCES,
UNIVERSITY OF AGRICULTURE FAISALABAD, PAKISTAN.

Postdoctoral Research Scholar

(DEPARTMENT OF IMMUNOLOGY, JAGIELLONION UNIVERSITY KRAKOW, POLAND).

PhD (AFYON KOCATEPE UNIVERSITY, DEPARTMENT OF PATHOLOGY, FACULTY OF VETERINARY
MEDICINE AFYONKARAHISAR, TÜRKİYE).

ERASMUS INTERNSHIP (UNIVERSITY OF WARMIA AND MASURY, DEPARTMENT OF
PATHOLOGICAL ANATOMY, FACULTY OF VETERINARY MEDICINE OLSZTYN, POLAND).

2023 GENERAL PATHOLOGY REBROADCAST COURSE (DAVIS-THOMPSON FOUNDATION).

DVM (UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES LAHORE).

TURKISH EQUIVALANCY OF DVM (COUNCIL OF HIGHER EDUCATION ANKARA TÜRKİYE).

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CONTACT



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LANGUAGES

Urdu
English
Turkish
Polish

HOBBIES

- Writing
- Cricket
- Music

QUALIFICATION:

Degree	Institution	Marks/CGPA
POSTDOC	Jagiellonion University Krakow, Poland	-
PhD (Veterinary Pathology)	Afyon Kocatepe University Afyonkarahisar, Türkiye	4/4
D.V.M	University of Veterinary & Animal Sciences Lahore Pakistan	3.49/4
Turkish Equivalency of DVM	Yükseköğretim Kurulu, Ankara, Türkiye	(No125498)
H.S.S.C	New Punjab higher secondary school kot addu , M.Garh , Pakistan	927/1100
S.S.C	New Punjab higher secondary school kot addu , M.Garh , Pakistan	922/1050

Professional Experiences

- Postdoctoral research scholar in Department of Immunology, Jagiellonion University Krakow, Poland.
- Teaching General veterinary Pathology Course to Undergraduate students of Doctor of Veterinary Medicine.
- Teaching three courses to post graduates students of Pathology.
- Working on the project “The study of interaction between keratinocytes, the immune system and nervous system in the context of chronic pruritus” in Jagiellonion University, Poland.
- Scholarship holder for the 2023 General Pathology rebroadcast course of Davis-Thompson Foundation.
- Lectures and practical exercises regarding General Pathology were attended from the renowned veterinary pathologists of U.S.A during this rebroadcast course of Davis-Thompson Foundation.
- Erasmus internship scholarship holder at University of Warmia and Masury, Department of Pathological Anatomy, Faculty of Veterinary Medicine Olsztyn, Poland.
- Worked in necropsy, cytology, histopathology and immunohistochemical sections of commercial lab in University of Warmia and Masury, Department of Pathological Anatomy Olsztyn, Poland.
- Türkiye Burslari Scholarship holder for PhD at Afyon Kocatepe University Afyonkarahisar, Türkiye.
- Worked as a Teacher Assistant for 4 years in Pathology department of Afyon Kocatepe University Afyonkarahisar, Türkiye.
- Experience of processing of thousands of necropsy, cytology, histopathology and immunohistochemical samples in commercial lab of Afyon Kocatepe University Afyonkarahisar, Türkiye.
- Experience of special cytological staining and evaluation procedures for the laboratory diagnosis.
- Experience of histopathological procedures and diagnosis of pathological diseases.
- Experience of special immunohistochemical techniques for the diagnosis of pathological conditions.
- Expertise in necropsy, cytology, histopathology, immunohistochemistry, immunofluorescence, PCR, Gel electrophoresis, RNA isolation, Cancer cell biology, oncology, toxicology and cellular biochemistry.
- Worked in many Tubitak and University research projects.
- Thesis research project (Afyon Kocatepe University Scientific Research Project Coordination Unit (BAPK) Project number “21.SAG.BIL.13” with the name of “The investigation of microenvironmental markers in canine cutaneous mast cell tumors (thesis number: 2022-012)”.
- Got Turkish equivalency for Veterinary Doctor.
- Passed YDS English exam of Turkey.
- Passed TOEFL English language exam.
- Passed Turkish language exam of Istanbul University-Cerrahpaşa, Turkey.
- Ex-veterinary clinician at Pet Clinic, Lahore, Pakistan.
- Pre internship in UVAS Ravi campus Pattoki outdoor clinic
- Pre internship on UVAS Pet center, Lahore, Pakistan
- Participated in international conference on advances in parasitology and public health (ICAPPH-2014) at CVAS Jhang, Pakistan.
- Participated in one day workshop on equine shoeing by Brooke Hospital for animal at CVAS Jhang, Pakistan.
- Participated in International Livestock Nutrition Summit Feb. 21, 22 2017.
- Participated in international pharma expo at international expo centre, Lahore, Pakistan
- Participated in international poultry expo at international expo centre, Lahore, Pakistan

RESEARCH

1. The Investigation of Some Microenvironmental Markers in Canine Mast Cell Tumors. (**Thesis number-2022-012**).
2. Necmettin Ceylan, Sait Koca, Shahram Golzar Adabi, Nejla Kahraman, **Muhammad Nasir BHAYA**, Mehmet Fatih Bozkurt, (2021). Effects of Dietary Energy Level and Guanidino Acetic Acid Supplementation on Growth Performance, Carcass Quality and Intestinal Architecture of Broilers. *Czech Journal of Animal Science*, 66(07): 281–291. <https://doi.org/10.17221/11/2021-CJAS>.
3. Hasan AYDIN, Alper YALÇIN, Ahmet TÜRK, Orhan ÖZDİLLER, Atilla YOLDAŞ, Hikmet KELEŞ, **Muhammad Nasir BHAYA**, (2022). Investigation of the Effects of N-Acetylcysteine on Asprosin Hormone Activity and Liver Tissues in Rats with Experimentally-Induced Diabetes. *Turkish Journal of veterinary Research*, 6(2): 37-42. <https://doi.org/10.47748/tjvr.1061413>.
4. Mehmet Fatih Bozkurt, **Muhammad Nasir BHAYA**, İbrahim Halil Sever, Bahattin Özkul, Oytun Erbaş, (2022). Medroxyprogester-one acetate improves propionic acid-induced autism in rat model and magnetic resonance spectroscopic correlation. *Bangladesh Journal of Pharmacology*, 17: 56-65. DOI:[10.3329/bjp.v17i2.59412](https://doi.org/10.3329/bjp.v17i2.59412).
5. **Muhammad Nasir BHAYA**, Hikmet Keles, (2022). The protective effect of ellagic acid on cyclophosphamide induced renal damage in rats. *Pakistan Journal of Zoology*, 1-8. DOI:[10.17582/journal.pjz/20220203110224](https://doi.org/10.17582/journal.pjz/20220203110224).
6. Mehmet Fatih BOZKURT, **Muhammad Nasir BHAYA**, Alper NİŞANCI, (2022). Cutaneous clear cell adnexal carcinoma in two dogs: cytological and immunohistochemical evaluation. *Veterinary Journal of Ankara University*, DOI:[10.33988/auvfd.1102050](https://doi.org/10.33988/auvfd.1102050).
7. **Muhammad Nasir BHAYA**, Hikmet Keleş, İbrahim Keleş, (2022). The reformative effect of glycyrrhizin against chemotherapy-related toxicity in kidneys of rats: an experimental approach. *International Journal of Herbal Medicine*, 10(5): 01-06. DOI: <https://doi.org/10.22271/flora.2022.v10.i5a.829>.
8. Mehmet Fatih Bozkurt, **Muhammad Nasir BHAYA**, Oytun Erbaş, (2022). Mesenchymal stem cells has ameliorative effect in the colitis model [via](#) Nrf2, IL-10 pathway. *Acta Cirúrgica Brasileira Journal*, Oct 10; 37(7): e370704. DOI:[10.1590/acb370704](https://doi.org/10.1590/acb370704).
9. Omer Hazman, Mehmet Fatih Bozkurt, Zehra Kumral, Mehmet Savrık, Sındarov, Bobur Sındarov, **Muhammad Nasir BHAYA**, (2022). The Effects of β -Escin on Inflammation, Oxidative Stress and Langerhans Islet Cells in High-Fat Diet and Low Dose Streptozotocin-Induced Experimental Type-2 Diabetes Model. *Biologia Journal*, DOI:[10.1007/s11756-022-01266-6](https://doi.org/10.1007/s11756-022-01266-6).
10. Saira Afzal, Mehreen Nasir, **Muhammad Nasir Bhaya**, Khunsa Junaid, Amber Arshad, Muhammad Zeeshan Raza, Muhammad Amjad Ali, Waqas Ahmad and Sandul Yasobant, (2022). Multifactorial Complexity and Zoonotic Aspects of Dog-Mediated Human Rabies in Pakistan, *Pakistan Veterinary Journal*, DOI: [10.29261/pakvetj/2022.081](https://doi.org/10.29261/pakvetj/2022.081).
11. Bahar KARTAL, Ebru ALİMOĞULLARI, Mehmet Fatih BOZKURT, Muhammed Nasir BHAYA, Hazal DEMİR, Uygur SAÇIK, (2023). The investigation of effect of Vitamin D and Omega 3 on vena cava, *Kirikkale*

12. Katarzyna Paździor-Czapula, Muhammad Nasir Bhaya, Agnieszka Piotrowska, Iwona Otrocka-Domagala (2023). Extracardiac adult-type rhabdomyoma—Report of two cases in dogs, *Veterinary Clinical Pathology*, 52(4):1-4. DOI: 10.1111/vcp.13305.
13. Ebru Alimogullari, Bahar Kartal, Mehmet Fatih Bozkurt, Hazal Demir, Uygur Sacik, Muhammed Nasir Bhaya (2024). Effect of vitamin D and omega-3 on the expression of endoplasmic reticulum associated protein degradation and autophagic proteins in rat brain, *Turk J Biochem 2024; aop*. DOI: [10.1515/tjb-2024-0154](https://doi.org/10.1515/tjb-2024-0154).

INTERNATIONAL CONFERENCES PUBLICATION

1. Histiocytic Sarcoma: A Guinea Pig (Published in Virtual One Health International Conference 25-26 November 2020). **ISBN: 978969-7517-28-2.**
2. Cutaneous Clear Cell Adnexal Carcinoma in Two Dogs: Cytology, Histopathology, and Immunohistochemical Features (Published in Virtual One Health International Conference 25-26 November 2020). **ISBN: 978969-7517-28-2.**
3. The Impact of Osteoarthritis in the Equine Industry: A Review (Published in International Conference on Farriery and Allied Veterinary Sciences Dec 7, 2020). **ISBN: 978-605-82095-2-7.**
4. Digital Dermatitis in Ruminants: A Review (Published in International Conference on Farriery and Allied Veterinary Sciences Dec 7, 2020). **ISBN: 978-605-82095-2-7.**
5. Fabrication of Cu Nanoclusters based Thiolated Chitosan Nano-carriers loaded with Levofloxacin and their Evaluation for Antimicrobial Analysis against MDR Bacteria (Published in International Congress on Biological and Health Sciences online 26-27-28 Feb, 2021). **ISBN 978-625-409-647-1.**
6. The role of veterinarians in one health and zoonoses (Published in 4th Virtual One Health International Conference 24-25 November 2022).
7. The evaluation of protective role of ursolic acid against chemotherapy-induced nephrotoxicity in rats with apoptotic and anti-apoptotic markers (Published in 4th Virtual One Health International Conference 24-25 November 2022).
8. Molecular Characterization of *Toxoplasma gondii* and its Zoonotic Potential for Public Health Significance (Published in second International Congress on Biological and Health Sciences online 24, 25, 26-27 Feb, 2022: **ISBN: 978-605-71368-0-0.**
9. Extracardiac adult-type rhabdomyoma—Report of two cases in dog (Published in 1st International Microbiology Conference 13-15 november 2024).

POSTERS PRESENTATION

1. Histiocytic sarcoma in male Guinea pig (Presented in Virtual One Health International Conference 25-26 November 2020: **ISBN: 978969-7517-28-2.**
2. Cutaneous Clear Cell Adnexal Carcinoma in Two Dogs (Presented in Virtual One Health International Conference 25-26 November 2020: **ISBN: 978969-7517-28-2.**
3. Digital Dermatitis in Ruminants (Presented in International Conference on Farriery and Allied Veterinary Sciences Dec 7, 2020: **ISBN: 978-605-82095-2-7.**

ADDITIONAL SKILLS

- ☐ Computer skills especially in MS Office.
- ☐ Experience of research projects designing.
- ☐ Experience of work in scientific research projects.
- ☐ Experience of cytological, histopathological and immunohistochemical procedures for the diagnosis of pathological conditions.
- ☐ Worked as a class representative for 3 years in the University.
- ☐ Permanent member of the University proctorial board.
- ☐ Huge experience of management of all kind of events like spring festivals, sports festivals, functions of classes, workshops, long and short recreational tours of classes, study tours.
- ☐ Internet & Web Browsing, Surfing and Searching
- ☐ Operating System: Microsoft Windows
- ☐ Proficiency in English, Urdu, Turkish.

DOCUMENTS

- PhD Degree and transcripts
- DVM Degree and transcripts
- Turkish Equivalency Degree
- Türkiye Bursleri Scholarship certificate
- Erasmus internship Scholarship certificate
- Davis-Thompson Foundation General Pathology course certificate
- Turkish Language Certificate
- YDS Result Certificate
- TOEFL Result Certificate
- International Conferences Certificates

REFERENCES

1. Prof. Dr. Hikmet Keles

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3. Prof. Dr. Iwona Otrocka-Domagala

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