

CURRICULUM VITAE



ALIYU ABDULLAHI, DVM, M.Sc., Ph.D.

Contact Address:

Department of Veterinary Medicine,
College of Applied and Health Sciences,
A'Sharqiyah University, Ibra, Sultanate of Oman

E-mail Addresses: abdullahi.aliyu@asu.edu.om

Phone Numbers: +96825401813 (Office), +96897729166 (mobile), 1813 (Ext.)

1. PERSONAL DATA

- a) **Name:** Dr. Aliyu Abdullahi.
- b) **Phone Numbers:** +96825401813 (Office), +96897729166 (mobile).
- c) **E-mail:** abdullahi.aliyu@asu.edu.om
- d) **Place and Date of Birth:** Zuru, 24th October 1980.
- e) **State of Origin:** Kebbi.
- f) **Hometown / LGA:** Zuru/Zuru.
- g) **Nationality:** Nigerian.
- h) **Marital status:** Married and blessed with children.
- i) **Permanent Home Address:** Sani Abacha Crescent, Mangorori, Rikoto area, Zuru, Kebbi State.
- j) **Present Rank and Salary:** Assistant Professor/B 5/1.

2. EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

- a) Rikoto Model Primary School, Zuru, 1988 to 1993.
- b) Government Day Secondary School, Zuru, 1993 to 1996.
- c) Government Science College, Zuru, 1997 to 1999.
- d) Usmanu Danfodiyo University, Sokoto, 2002 to 2007.
- e) Ahmadu Bello University, Zaria, 2011 to 2014.
- f) University Putra Malaysia, 2016 to 2019.

3. ACADEMIC QUALIFICATION WITH DATES

- a) Certificate of Primary Education, August 1993.
- b) West African Senior School Certificate, December 2000.
- c) Senior School Certificate, June 2001.
- d) Doctor of Veterinary Medicine (DVM), December 2007.
- e) Master of Science (M.Sc.) in Veterinary Pathology, February 2014.
- f) Doctor of Philosophy (Ph.D.), October 2019.

4. WORKING EXPERIENCE WITH DATES

- a) Kebbi State Ministry of Agriculture and Natural Resources, Livestock Department, (Asst. Livestock Superintendent), 2005 to 2008.
- b) College of Agriculture, Zuru, Kebbi State, Department of Animal Health and Production (Part Time Lecturer), 2007 to 2008.
- c) Divisional Veterinary Clinic, Yola South Local Government Area, Adamawa State, (NYSC Veterinary Doctor), 2008-2009.
- d) Kebbi State Ministry of Agriculture and Natural Resources, Livestock Department, (Veterinary Officer), 2009 to 2012.
- e) HAJHUSAD Farms, Zuru (Farm Veterinarian) 2011 to 2014.
- f) Kebbi State Ministry of Agriculture and Natural Resources, Livestock Department, (Senior Veterinary Officer II), 2013 to 2014.
- g) Usmanu Danfodiyo University Sokoto-Nigeria (Asst. Lecturer), 2014 to 2015.
- h) Usmanu Danfodiyo University Sokoto-Nigeria (Lecturer II), 2016 to 2019.
- i) Usmanu Danfodiyo University Sokoto-Nigeria (Lecturer I), 2019 to 2021.
- j) Usmanu Danfodiyo University Sokoto-Nigeria (Senior Lecturer), 2022 to date.
- k) Abubacar Ibrahim International University, Maradi-Niger Republic (Visiting Lecturer) 2022.
- l) A'Sharqiyah University, Oman (Assistant Professor), 2022 to date

5. TEACHING EXPERIENCE WITH DATES

- i. Part-time Lecturer: Kebbi State College of Agriculture, Zuru (CAZ), 2007 to 2008.
- ii. Asst. Lecturer: Usmanu Danfodiyo University, Sokoto, 2014 to 2015.
- iii. Lecturer II: Usmanu Danfodiyo University, Sokoto, 2016 to 2019.
- iv. Lecturer I: Usmanu Danfodiyo University, Sokoto, 2019 to 2021.
- v. Senior Lecturer: Usmanu Danfodiyo University, Sokoto, 2022 to Date
- vi. Visiting Lecturer: Abubacar Ibrahim International University, Maradi 2022.
- vii. Professor (Assistant): A'Sharqiyah University, Oman 2022 to date.

Courses taught:

- i. **AHP 211:** Pathology, 2007 (CAZ).
- ii. **APT 313:** Anatomy and Physiology of Farm Animals, 2007 (CAZ).
- iii. **APT 315:** Sheep, Goat and Rabbit Production, 2008 (CAZ).
- iv. **VPT 3201:** General Pathology, 2015 to Date (UDUS).
- v. **VPT 4102:** Systemic Pathology I, 2021 to Date (UDUS).

- vi. **VPT4103:** Pathology of Genito-Urinary and Endocrine System, 2014 to 2016. (UDUS).
- vii. **VPT4103:** Avian & Fish Pathology, 2021 to 2022 (UDUS).
- viii. **VPT4204:** Systemic Pathology II, 2021 to 2022 (UDUS).
- ix. **VPT4205:** Clinical Pathology, 2014 to 2022 (UDUS).
- x. **VSC 5205:** Clinical Conference I, 2014 to 2022 (UDUS).
- xi. **VSC 5207:** Clinics I, 2014 to 2022 (UDUS).
- xii. **VSC 6110:** Clinics II, 2014 to 2022 (UDUS).
- xiii. **VSC 6111:** Clinical Conference II, 2014 to 2022 (UDUS).
- xiv. **VSC 6209:** Clinical Conference III, 2014 to 2016 (UDUS).
- xv. **VSC 6213:** Clinical Conference III, 2021 to 2022 (UDUS).
- xvi. **VSC 6212:** Clinics III, 2014 to 2022 (UDUS).
- xvii. **VPT803:** Advanced Pathology of Body Fluids, 2021 to 2022 (UDUS).
- xviii. **VPT808:** Advanced Pathology of Non-infectious Diseases, 2021 to 2022 (UDUS).
- xix. **VPT 806:** Histochemistry/IHC in Pathology, 2021 to 2022 (UDUS).
- xx. **VPT811:** Advanced Oncology, 2021 to 2022 (UDUS).
- xxi. **VPT814:** Advanced Exfoliative Cytology, 2021 to 2022 (UDUS).
- xxii. **NSC112:** Cellular and General Pathology, 2022 to 2022 (AIIU, Maradi).
- xxiii. **NSC114:** Medical Microbiology and Parasitology, 2022 to 2022 (AIIU, Maradi)
- xxiv. **VTMD102:** Biochemistry 2022 to date (ASU, Oman).
- xxv. **VTMD182:** Biochemistry Lab 2022 to date (ASU, Oman).
- xxvi. **VTMD212:** Veterinary Physiology II 2022 to date (ASU, Oman).
- xxvii. **VTMD282:** Veterinary Physiology II Lab. 2022 to date (ASU, Oman).
- xxviii. **VTMD311:** General Veterinary Pathology 2022 to date (ASU, Oman).
- xxix. **VTMD318:** General Veterinary Pathology Lab. 2022 to date (ASU, Oman).
- xxx. **VTMD321:** Systemic Veterinary Pathology 2022 to date (ASU, Oman).
- xxxi. **VTMD391:** Systemic Veterinary Pathology Lab. 2022 to date (ASU, Oman).
- xxxii. **VTMD 333:** Veterinary Forensic Pathology 2023 to date, (ASU, Oman)
- xxxiii. **VTMD 415:** Clinical Pathology, 2023 to date, (ASU, Oman).
- xxxiv. **VTMD 485:** Clinical Pathology Lab, 2023 to date, (ASU, Oman).
- xxxv. **VTMD 222:** Veterinary Histology an Embryology, 2024 to date, (ASU, Oman).
- xxxvi. **VTMD 292:** Veterinary Histology and Embryology Lab, 2024 to date, (ASU, Oman).

6. PUBLICATION

I. Peer Reviewed Journals

- i. Garba, A., Baraya, Y. S., Gashua, M. M., **Aliyu, A.**, Danjumma H. U., Idris, A. L., Hambulu, S. E. and Owada, A. H. (2011). Effects of blood sample collection pre- and post- slaughter, EDTA and Heparin preservation on haemo-parasites detection in cattle at Zaria abattoir, Kaduna State, Nigeria. *Nigerian Journal of Parasitology*, 32 (2):251-256. (Indexed by AJOL).
- ii. Barde, J.I., Garba, A., Gashua, M.M., Mohammed, M.N., **Aliyu, A.**, Awulu, S.J., Gugong, V.T. and Owada, A.H (2012). A Retrospective study of common diseases of animals in Private Clinic in Kaduna Metropolitan. *The Nigeria Veterinary Journal*, 33(3):557-562. (Indexed by AJOL).
- iii. Garba, A., Ogunkoya, A.B., Baraya, Y.S., Tirmidhi, A.B., **Aliyu, A.**, Owada, A.H., Hambolu, S. E and Agang, I. (2013). Human blood sera separation, the use of vacutainer vs test tube: our field experience. *Journal of Experimental Biology and Agricultural Science*, 1(2):120-124. (Indexed by THOMSON REUTERS).
- iv. Yahaya, M. S., Umaru, M. A. and **Aliyu, A.** (2013). A preliminary study on semen collection, evaluation, and artificial insemination in Nigerian local turkeys (*Meleagris gallopavo*). *Sokoto Journal of Veterinary Sciences* 11(2): 67-70. (Indexed by SCOPMED).
- v. Bello, A., Onyeanusu, B. I. onfada, M. L., Umaru, M. A., Onu, J. E., Hena, S. A., Danmaigoro, A., Oyelowo, F. O., Baraya, Y. S., Onimisi, B. O. and **Aliyu, A.** (2015). Embryonic Differentiation of the rectum of one humped camel (*Camelus dromedaries*): A histomorphology. *Direct Research Journal of Agriculture and Food Science* 3(6): 127-131.
- vi. Bello, A., Onyeanusu, B. I. Sonfada, M. L., Umaru, M. A., Onu, J. E., Hena, S. A., Danmaigoro, A., Oyelowo, F. O., Baraya, Y. S., Onimisi, B. O. and **Aliyu, A.** (2015). Embryonic Differentiation of the colon of one humped camel (*Camelus dromedarius*): A histomorphology. *Point Journal of Agriculture and Biotechnology Research*, 1(1): 13-19.
- vii. **Aliyu, A.**, Alkali, B. R., Yahaya, M.S. Garba A., Adeleye, S. A. Gashua, M.M., Sa'adatu, I. Gugong, V. and Daneji, A. I. (2016). Phytochemical Analysis and Antibacterial Activity of *Khaya senegleansis* bark extracts on *Bacillus subtilis*, *Escherichia coli* and *Proteus mirabilis*. *International Journal of Phytomedicine* 8: 333-336. ISSN: 0975-0185 ICV=6.89, IF 1.23. Indexed by SCOPUS.

- viii. **Aliyu, A.**, Natala, A. J., Adamu, S., Igbokwe, I. O., Esievo, K. A. N. and Useh, N. M. (2017). A Comparative Study on the Haematology, Biochemical Alterations in Serum Composition and Pathologic Changes in the Kidneys of Cachetic and Non-cachetic Cattle in Zaria, Nigeria. *International Journal of Biochemistry Research and Review*, 19(4): 1–11. DOI: 10.9734/IJBCRR/2015/22020. ISSN: 2231-086X.
- ix. **Abdullahi Aliyu**, Mohd Rosly Shaari, Noordin Mohamed Mustapha, Nurul Syahirah Ahmad Sayuti, Shanmugavelu Sithambaram, M.R., Farhan Hanif, Khozirah Shaari, and Hazilawati Hamzah (2019). Some Chemical Carcinogen for Leukaemia Induction and Their Animal Models. *Annual Research and Review in Biology*, 33(1):1-7. DOI: 10.9734/ARRB/2019/v33i130108 ISSN: 2347-565X.
- x. **Abdullahi Aliyu**, Mohd Rosly Shaari, Noordin Mohamed Mustapha, Nurul Syahirah Ahmad Sayuti, Farhan Hanif Reduan, Shanmugavelu Sithambaram, Khozirah Shaari and Hazilawati Hamzah. (2020). *N-Ethyl-n-Nitrosourea* Induced Leukaemia in a Mouse Model through Upregulation of Vascular Endothelial Growth Factor and Evading Apoptosis. *Cancers*, 12(678):1-19. DOI: 10.3390/cancers12030678 ISSN: 2072-6694, Indexed In: **Web of Science/JCR** (Q1, IMPACT FACTOR 6.162), SCOPUS (Q1, CITESCORE 5.78), PubMed, Journal *h-index* 53 (SJR).
- xi. **Abdullahi Aliyu**, Mohd Rosly Shaari, Noordin Mohamed Mustapha, Nurul Syahirah Ahmad Sayuti, Farhan Hanif Reduan, Shanmugavelu Sithambaram, Khozirah Shaari and Hazilawati Hamzah. (2020). Subacute Oral Administration of *Clinacanthus nutans* Ethanolic Leaf Extract Induced Liver and Kidney Toxicities in ICR Mice. *Molecules*, 25(11, 2631):1-27. DOI: 10.3390/molecules25112631. ISSN: 1420-3049, Indexed In: **Web of Science/JCR** (Q2, IMPACT FACTOR 3.060), SCOPUS (Q1, CITESCORE 3.28), PubMed, Journal *h-index* 116 (SJR).
- xii. Reduan Mohd Farhan Hanif, Shaari Mohd Rosly, Ahmad Sayuti Nurul Syahirah, **Aliyu Abdullahi**, Mohamed Mustapha Noordin, Abu Bakr Md Zuki, Sithambaram Shamugavelu, Hamzah Hazilawati (2021). Evaluation of dermal toxicity of ethanolic extract of *Morinda citrifolia* fruits in Sprague Dawley rats. *The Thai Journal of Veterinary Medicine*: 51(1): 101-109. DOI: 10.14456/tjvm.2021.14. ISSN:0125-6491, Indexed In: **Web of Science/JCR** (Q4, IMPACT FACTOR 0.28), SCOPUS (Q3, CITESCORE 0.60), Journal *h-index* 10 (SJR). Published by Chulalongkorn University, Thailand.

- xiii. **Abdullahi Aliyu**, Mohd Rosly Shaari, Noordin Mohamed Mustapha, Nurul Syahirah Ahmad Sayuti, Mohd Farhan Hanif Reduan, Shanmugavelu Sithambaram, Khozirah Shaari and Hazilawati Hamzah. (2021). *Moringa oleifera* Hydroethanolic Leaf Extract Induced Acute and Sub-Acute Hepato-Nephrotoxicity in Female ICR-Mice. *Science Progress* Accepted for publication. ISSN:0036-8504, Indexed In: **Web of Science/JCR** (Q2, IMPACT FACTOR 1.50), SCOPUS (Q2, CITESCORE 0.88), Journal *h-index* 31 (SJR). Published by SAGE Publication LTD, England.
- xiv. Nafi'u Lawal, Mubarak Ibrahim, Dauda Ayomide Onawala, Muhammad Bashir Bello, Rabiu Muhammad Aliyu, Yusha'u Shu'aibu Baraya, **Abdullahi Aliyu**, Aliyu Musawa Ibrahim & Aliyu Sa'adu (2021). Molecular characterization and phylogenetic analysis of orf virus isolated from goats in Sokoto metropolis, Nigeria. *Future Science OA*. eISSN:2056-5623, Indexed In: **Web of Science/JCR** (Q3, CITATION INDICATOR 0.68), SCOPUS (Q2, CITESCORE 4.3), Journal *h-index* 23 (SJR). Published by Future Medicine LTD, United Kingdom.
- xv. **A. Aliyu**, M. R. Shaari, Nurul Syahirah Ahmad Sayuti, M. F. H. Reduan, Sajjatatul Nurul Nadia Asyura, S. Sithambaram, M. M. Noordin, Khozirah Shaari and Hazilawati binti Hamzah. (2021). Toxicity Effects of Oral Administration of *Clinacanthus nutans* Ethanolic Leaf Extract on Blood, Liver and Kidneys of Mice. *Indian Journal of Pharmaceutical Sciences*. 83(6): 1196-1207. Indexed In: **Web of Science/JCR** (Q4, IMPACT FACTOR 0.960), SCOPUS (Q3, CITESCORE 0.86), Journal *h-index* 57 (SJR). Published by Wolters Kluwer Medknow Publications, India.
- xvi. Nurul S.A.S., Hazilawati, H. Rosly, S.M. Farhan Hanif M.R., **Abdullahi A.** Shanmugavelu S. Noordin M.M. Mazlina M. and Azrina, A. (2021). Subchronic Toxicity Analysis of Mixtures of *Christia vespertilionis* (L.f.) Bakh. f. Leaf and *Morinda citrifolia* L. fruit Ethanolic Extracts in Male Sprague Dawley Rats. *Malaysian Journal of Microscopy* 17 (2): 285-303. ISSN:1823-7010, eISSN:2600-7444. Indexed In: SCOPUS (Q4, CITESCORE 0.47), Journal *h-index* 4 (SJR). Published by Universiti Putra Malaysia.
- xvii. Nurul S.A.S., Hazilawati, H. Rosly, S.M. Farhan Hanif M.R., **Abdullahi A.** Shanmugavelu S. Noordin M.M. Mazlina M. Azrina, A. and Nohhaizan M.E. (2022). Hepatotoxicity in acute and subchronic oral gavage of ethanolic extract of *Christia vespertilionis* (L.f.) Bakh. f. Leaf in male Sprague dawley rats. *Thai Journal of Veterinary Medicine*: 52(2): 229-244.DOI: 10.14456/tjvm.2022.26. ISSN:0125-6491, (Q4, IMPACT FACTOR 0.28), SCOPUS (Q3, CITESCORE 0.60), Journal *h-index* 10 (SJR). Published by Chulalongkorn University, Thailand.

- xviii. Baraya Yusha'uShu'aibu, Adeyeye Adewale Ayodeji, Sani Bashar, Sidi Shehu, Bello Muhammad Mubarak, Raji Abdullahi Abdullahi, Muhammad Bashir Bello, **Abdullahi Aliyu**, Sonfada Mamman Legbo (2022a). First Reported case of Hydropes Foetalis in a Nigerian Bread (Uda) of Sheep. *Journal of Agriculture and Veterinary Science* 15(10): 50-55. DOI: 10.9790/2380-1510015055. ISSN: 2319-2380
- xix. Y. S. Baraya, M. B. Bello, N. Lawal, U. G. Rambo, **A. Aliyu** and A. A. Raji (2022b). Alterations in Haematological and Biochemical Parameters in Sokoto Red Goats Infected with Orf Virus: A Case Report. *Asian Journal of Advanced Research and Reports* 16(12): 10-14. ISSN: 2582-3248.
- xx. Gano Adamu Isah, Ramanoon Siti Zubaidah, Abdul Azeez Nor-Azlina, Mazlan Mazlina, Rosly Mohd Shaari, **Abdullahi Aliyu**, Muhammad Bahir Bello, Mustapha Umar Imam and Hamzah Hazilawati (2023). Genetic Characterization of the RAP-1A and SBP-4 genes of *Babesia* species Infecting Cattle from Selangor Malaysia, and Ribah, Nigeria. *Pathogens* 13(247): 1-15. DOI: doi.org/10.3390/pathogens13030247. ISSN: **2076-0817**, Indexed In: Web of Science/JCR (Q3, IMPACT FACTOR 3.70), SCOPUS (Q2, CITESCORE 5.1), PubMed, Journal *h-index* 60 (SJR).

II. Book of Abstracts/Proceedings

- i. **Aliyu, A.**, Daneji, A. I., Alkali, B. R., Garba A., Adeleye S. A., Gashua, M.M., Gugong, V.T and Danjumma H. U. (2011). Phytochemical Analysis and Antibacterial Activity of *Khaya senegalis* bark extracts on *Bacillus subtilis*, *Escherichia coli* and *Proteus mirabilis*. *48th Book of Abstract of the Annual Conference of the Nigeria Veterinary Medical Association held on the 21st to 25th November 2011 at Kwara State Government Banquet Hall, Ilorin, Kwara State, Nigeria*. P54.
- ii. Baraya, Y.S., Umar, D., **Aliyu, A.**, Raji, A.A. and Esievo, K.A.N. (2014). Clinicopathological correlation of liver and kidney injury markers in one-humped camels (*Camelus dromedarius*) slaughtered at Sokoto city abattoir. *51st Book of Abstract of the Annual Conference of the Nigerian Veterinary Medical Association held on the 23rd to 28th November, 2014 at Umaru Musa Yar'Adua indoor Sport Centre, Murtala Square, Kaduna, Kaduna State, Nigeria*.
- iii. **Aliyu, A.**, Hazilawati H., Noordin M.M., Rosly, S.M., Shanmugavelu, D. and Khozirah S. (2017). Haematology and serum biochemistry of ICR-mice in acute oral toxicity study of hydroethanolic leaf extract of *Moringa oleifera*. *Book of proceedings of the 29th Veterinary Association Malaysia (VAM) Congress, held on the 6th to 8th October 2017 at Holiday Inn, Kuala Lumpur Glinmarie, Shah Alam, Selangor, Malaysia*.

- iv. **A., Aliyu, H.**, Hazilawati, M.M., Noordin, S.A.S, Nurul, S.M., Rosly, M.R., Farhan Hanif, S., Shanmugavelu and S. Khozirah. (2018). Histopathological evaluation of liver and kidney O ICR-Mice in oral acute toxicity study of *Moringa oleifera* hydroethanolic leaf extract (MOHE). Book of proceedings of the 10th Malaysian Association of Veterinary Pathology Scientific Conference 2018 “A decade of Veterinary Pathology: past, present, future”, held from 19-22 July 2018 in Casuarina@Meru, Ipoh, Perak, Malaysia. Page 19.

- v. **A., Aliyu, H.**, Hazilawati, M.M., Noordin, S.A.S, Nurul, S.M., Rosly, M.R., Farhan Hanif, S., Shanmugavelu and S. Khozirah. (2018). Effects of single oral administration of *Clinacanthus nutans* ethanolic leaf extract (CELE) on haematology and biochemistry of ICR-mice. Book of proceedings of the 10th Malaysian Association of Veterinary Pathology Conference 2018. “A decade of Veterinary Pathology: past, present, future” held from 19-22 July 2018 in Casuarina@Meru, Ipoh, Perak, Malaysia. Page 50.

- vi. Farhan Hanif, M.R., Hazilawati, H., Rosly, S.M., Nurul, S.A.S, **Aliyu, A.**, Noordin, M.M., Zuki, A.B.Z. and Shanmugavelu, S. (2018). Evaluation of *Melastoma malabathricum* leaf extract as potential wound healing promoter in Sprague Dawley rat. Book of proceedings of the 10th Malaysian Association of Veterinary Pathology Conference 2018. “A decade of Veterinary Pathology: past, present, future” held from 19-22 July 2018 in Casuarina@Meru, Ipoh, Perak, Malaysia. Page 51.

- vii. Farhan Hanif, M.R., Hazilawati, H., Rosly, S.M., Nurul, S.A.S, **Aliyu, A.**, Noordin, M.M., Zuki, A.B.Z. and Shanmugavelu, S. (2018). *Melastoma malabathricum* leaf extract promotes collagen fibres deposition in excisional wound of rat. Book of proceedings of the 10th Malaysian Association of Veterinary Pathology Conference 2018. “A decade of Veterinary Pathology: past, present, future” held from 19-22 July 2018 in Casuarina@Meru, Ipoh, Perak, Malaysia. Page 52.

- viii. **A., Aliyu, H.**, Hazilawati, M.M., Noordin, S.A.S, Nurul, S.M., Rosly, M.R., Farhan Hanif, S., Shanmugavelu and S. Khozirah. (2018). Sub-acute toxicity study of *Moringa oleifera* hydroethanolic leaf extract (MOHE) in ICR-mice, VAM Congress 2018 e-Proceedings of the 30th Veterinary Association of Malaysia (VAM) Congress “Healthy Animals, Healthy Society” held from 19th -20th October 2018, at the Petaling Jaya (PJ) Hotel, Selangor, Malaysia., page 45.

- ix. Nurul Syahirah Ahmad Sayuti, Hazilawati Hamzah, Mohd Rosly Shaari, Mohd Farhan Hanif Reduan, **Aliyu Abdullahi**, Shanmugavelu Sithambaram, Noordin Mohamed Mustapha, Norhaizan Mohd Esa (2018). Subchronic toxicity analysis of mixtures of *mariposa christia vespertilionis* leaf and morinda citrifolia fruit ethanolic extracts in male Sprague Dawley rats. VAM Congress 2018 e-Proceedings of the 30th Veterinary Association of Malaysia (VAM) Congress “Healthy Animals, Healthy Society” held from 19th -20th October 2018, at the Petaling Jaya (PJ) Hotel, Selangor, Malaysia., Page 48.

- x. **A., Aliyu**, H., Hazilawati, M.M., Noordin, S.A.S, Nurul, S.M., Rosly, M.R., Farhan Hanif, S., Shanmugavelu and S. Khozirah. (2018). Haematological and serum biochemical parameters of ICR-mice in sub-acute toxicity study of *Clinacanthus nutans* ethanolic extract, VAM Congress 2018 e-Proceedings of the 30th Veterinary Association of Malaysia (VAM) Congress “Healthy Animals, Healthy Society” held from 19th -20th October 2018, at the Petaling Jaya (PJ) Hotel, Selangor, Malaysia., page 95.

- xi. Farhan Hanif, M.R., Hazilawati, H., Rosly S.M., Nurul S.A.S., **Aliyu, A.**, Noordin, M.M., Zuki, A.B.Z, Shanmugavelu, S. (2018). Expression level of VEGF protein in the epidermal keratinocytes of excisional wound treated with Melastoma malabathricum leaf extract in Sprague Dawley rats. VAM Congress 2018 e-Proceedings of the 30th Veterinary Association of Malaysia (VAM) Congress “Healthy Animals, Healthy Society” held from 19th -20th October 2018, at the Petaling Jaya (PJ) Hotel, Selangor, Malaysia., Page 96.

- xii. Farhan Hanif, M.R., Hazilawati, H., Rosly S.M., Nurul S.A.S., **Aliyu, A.**, Noordin, M.M., Zuki, A.B.Z, Shanmugavelu, S. (2018). Melastoma malabathricum leaf extract stimulates high expression of VEGF in the dermal layer of skin during the proliferative phase of wound healing in Sprague Dawley rats. VAM Congress 2018 e-Proceedings of the 30th Veterinary Association of Malaysia (VAM) Congress “Healthy Animals, Healthy Society” held from 19th -20th October 2018, at the Petaling Jaya (PJ) Hotel, Selangor, Malaysia. Page 97.

- xiii. **A., Aliyu**, S.M., Rosly, M.M., Noordin, SAS, Nurul, M. R., Farhan Hanif, S.N.N. Asyura, S., Shanmugavelu, S. Khozirah and H., Hazilawati (2019). Serum biochemical parameters of ICR-mice in sub-chronic oral toxicity study of *Clinacanthus nutans* ethanolic leaf extract. presented as poster presentation, @ the International Congress on One Health & AAVS-MyOHUN-WPSA [MALAYSIA]-SEAOHUN MEETINGS 2019, held from 24th to 28th June 2019 at the Marriott Hotel, Putrajaya, Malaysia, page 65.

- xiv. **Aliyu A.**, Rosly S.M., Noordin M.M., Nurul S.A.S., Farhan Hanif M. R., Shanmugavelu S., Khozirah S. and Hazilawati H. (2019). *Moringa oleifera* Induced Anaemia and Azotaemia in Mice. Presented as Oral presentation, @ the 9th Asian Society of Veterinary Pathology Conference 2019 on “New Era of Animal Health: Zoonotic, Foodborne, Emerging and Oncologic Diseases”, held from 7th to 9th October 2019 at the Vietnam National University of Agriculture, Hanoi, Vietnam, page 27.

- xv. Mohd Farhan Hanif Reduan, Mohd Rosly Shaari, Nurul Syahirah Ahmad Sayuti, **Abdullahi Aliyu**, Noordin Mohamed Mustapha, Md Zuki Abu Bakar, Shanmugavelu Sithambaram and Hazilawati Hamzah (2019). *Expression Level of Anti-Apoptotic BCL-2 Protein in the Epidermal and Dermal Layers of Excisional Wound Treated with Melastoma malabathricum Leaf Extract in Sprague Dawley Rats*. Presented as Oral presentation, @ the 9th Asian Society of Veterinary Pathology Conference 2019 on “New Era of Animal Health: Zoonotic, Foodborne, Emerging and Oncologic Diseases”, held from 7th to 9th October 2019 at the Vietnam National University of Agriculture, Hanoi, Vietnam, page 14.

- xvi. **A. Aliyu**, S.M. Rosly, M.M. Noordin, S.A.S. Nurul, M.R. Farhan Hanif, S.N.N. Asyura, S. Shanmugavelu, S. Khozirah and H. Hazilawati H (2019). Sub-chronic toxicity effects of *Clinacanthus nutans* ethanolic leaf extract on the histology of liver and kidney of ICR-mice. Presented as rapid oral Presentation @ the 31st Veterinary Association of Malaysia (VAM) Congress “Future-Proofing the Veterinary Profession” held from 19th -20th October 2019, at the Bangi Resort Hotel, Bangi, Selangor, Malaysia.

- xvii. Farhan Hanif R. M., Hazilawati H., Rosly S. M., Nurul S.A.S., **Aliyu A.**, Noordin M.M., Zuki A.B.Z., and Shanmugavelu S. (2019). *Expression Level of Pro Inflammatory Cytokines, Interleukin 1 (IL-1) of Excisional Wound Treated with with Melastoma malabathricum Leaf Extract in Sprague Dawley Rats*. Presented as Poster presentation, @ the 31st Veterinary Association Malaysia Congress 2019 “Future-Proofing the Veterinary Profession” held from 19th -20th October 2019, at the Bangi Resort Hotel, Bangi, Selangor, Malaysia. Page 142.

- xviii. **A. Aliyu**, (2021). Application of TUNEL Apoptotic Assay and Western blot Technique in Monitoring Cancer Prognosis in Biomedical Research. Faculty Seminar Presented at the March 2021 Edition of the Faculty of Veterinary Medicine Seminar Series, held on the 17th of March 2021 at the Veterinary Lecture Hall II, City Campus Complex, Usmanu Danfodiyo University, Sokoto.

- xix. Mahe H.A, A.N Ukwuani-kwaja, I.M. Fakai, **A. Aliyu** (2022). Ethnobotanical Survey of Aphrodisiac Plants Sold and Used in Birnin-Kebbi, Kebbi State of Nigeria. Presented as Poster presentation, @ the Society for Medicinal Plants and Economic Development (SOMED) 6th International Conference (Virtual) Cape Town 2022. Held from 23rd to 25th August 2022.

III. Projects/Thesis

- i. **Aliyu A. (2007)**. Phytochemical Analysis and Antibacterial Activity of *Khaya senegalensis* bark extracts on *Bacillus subtilis*, *Escherichia coli* and *Proteus mirabilis*. **DVM Project**, Usmanu Danfodiyo University, Sokoto
- ii. **Aliyu, A. (2014)**. Biochemical and Pathological Evaluation of kidneys in cachectic and non-cachectic cattle presented for slaughter in Zaria abattoir, Nigeria. **M. Sc. Thesis**, Ahmadu Bello University, Zaria.
- iii. **Aliyu, A. (2019)**. Toxicity and Effectiveness of *Moringa oleifera* Lam and *Clinacanthus nutans* (burm.f.) Lindau Leaf Extracts and its' Mixtures on Leukaemia-Lymphoma Condition in a Mouse Model. **Ph.D. Thesis**, Universiti Putra Malaysia.

IV PROJECT/THESES SUPERVISION

- i. Evaluation of anaemia and haemoparasites in cattle presented for slaughter at Sokoto abattoir, Nigeria by Ahmed Sani Ahmed (08/1800008), **DVM Undergraduate project** 2014/2015 Session, supervised by Dr. A. Aliyu. **COMPLETED.**
- ii. Haematological and serum biochemical parameters in Sokoto Red Goat in Sokoto metropolis, Sokoto, Sokoto State, Nigeria by Shafiu Lawali (09/1800058), **DVM Undergraduate project** 2015/2016 Session, supervised by Dr. A. Aliyu. **COMPLETED.**
- iii. Ethnobotanical Survey and Effect of Aphrodisiac Used and Sold in Birnin Kebbi, Kebbi State, Nigeria, by Hauwa Abubakar Mahe (PGS/02/19202403). **M.Sc. Research Project**, Biochemistry Department, Kebbi State University of Science and Technology, Aleiro. Supervised by Dr. Aliyu Abdullahi (Co-Supervisor II). **ON-GOING.**
- iv. Effects of Aqueous Extract of *Phyllanthus niruri* on Doxorubicin Induced Bone Marrow Suppression in Wistar Rats, by Abdul-Baki Muhd Fawaz (192108003). **M.Sc. Research Project**, Department of Veterinary Pathology, Usmanu Danfodiyo University, Sokoto. Supervised by Dr. Aliyu Abdullahi (Co-Supervisor I). **ON-GOING.**
- v. Evaluation of Blood, Liver and Kidney Parameters in Female Rats administered with *Boscia senegalensis* Leaf Extracts, by Yusuf Zainab Waziri (1510803055), **DVM**

Undergraduate project 2020/2021 Session, supervised by Dr. A. Aliyu. **COMPLETED.**

- vi. Effects of *Boscia senegalensis* Leaf Extract on the Blood, Liver and Kidney Parameters in Male Rats, by Bello Junaidu (1510803082), **DVM Undergraduate project** 2020/2021 Session, supervised by Dr. A. Aliyu. **COMPLETED.**
- vii. Cockle Shell Aragonite Calcium Carbonate (CaCO₃) as Potential Replacement for Calcite Calcium Carbonate in Management of Osteoporosis (Type II) in Wister Rats. by Ibrahim Ahmad Muhammad (19210802006). **M.Sc. Research Project**, Department of Veterinary Anatomy, Usmanu Danfodiyo University, Sokoto. Supervised by Dr. Aliyu Abdullahi (Co-Supervisor II). **COMPLETED.**
- viii. Distribution of Some Clinically Significant Red Cell Antigens Among Selected Ethnic Groups in Plateau State, Nigeria, by Kangpe Chaape Johnson (17211225009). **M.Sc. Research Project**. Department of Haematology, Usmanu Danfodiyo University, Sokoto. Supervised by Dr. Aliyu Abdullahi (Co-Supervisor II). **COMPLETED.**
- ix. Effect of Aloe *Barbadensis miller* and *Curcuma longa* on Platelet Activation and Platelet Inflammation Markers in Dimethylbenz(a)anthracene Induced Breast Cancer Wistar Rat. By Lukman Haruna (20311225008). **Ph.D. Research Project**. Department of Haematology, Usmanu Danfodiyo University, Sokoto. Supervised by Dr. Aliyu Abdullahi (Co-Supervisor II). **ONGOING.**

7. CONFERENCES ATTENDED WITH DATES

- i. Veterinary Council of Nigeria Continuing Education Seminar on Contemporary Issues in Veterinary Medicine Practice, Minna, Niger State, held on 17th June 2010.
- ii. Nigeria Veterinary Medical Association 48th annual Conference: Motivating Veterinarians in the 21st Century Towards Vision 20:20:20 held at Ilorin, Kwara State, held between 21st to 25th November 2011.
- iii. Youth Enterprise with Innovation in Nigeria, organized by the Federal Ministry of Finance in collaboration with Pan African University (EDC) and MSME Nigeria (micro, small and medium enterprise project), held in Northwest 1 Region (Kaduna), between 7th to 10th December 2011.
- iv. Nigerian Muslim Veterinarian first annual National Conference on Agricultural transformation agenda and food security- the role of Veterinarian, held at the Auditorium of Sokoto State Polytechnic, Sokoto, Sokoto State, held on 5th to 7th April 2013.
- v. Diagnosis: key to a successful veterinary service, presented at the send forth ceremony for the out gone Area Veterinary Officer, Argungu LGA, Kebbi State

organized by the Local Government Council and the Zonal Livestock Office, Argungu by **Dr. Aliyu, Abdullahi** on 25th June 2014.

- vi. Islam and Veterinary Sciences, a brief lecture presented at the Emir Sani Sami Staff Science Secondary School, College of Agriculture, Zuru-Kebbi State, organized by the Muslim Students' Society of Nigeria (MSSN), Zuru area unit, Kebbi State. Presented by **Dr. Aliyu, A.** on the 10th November, 2013.
- vii. Nigeria Veterinary Medical Association 51st annual Conference: The Veterinarian in National Development held at Umaru Musa Yar'Adua indoor Sports centre, Murtala Square, Kaduna, Kaduna State, Nigeria, on 23rd to 28th November 2014.
- viii. Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI), by the International Centre for Information and Communications Technology Studies at Usmanu Danfodiyo University, Sokoto, Nigeria, on 20th to 24th April 2015.
- ix. Training on students' online registration portal, organised by the Usmanu Danfodiyo University Network (UDUNet) training centre, Usmanu Danfodiyo University, Sokoto, Nigeria, held between 1st to 3rd June 2015.
- x. A one-week hands on workshop on Human/Cancer cell culture techniques and MTT assay, at the international centre for stem cells, cancer and biotechnology (ICSCC), Pune, India, held from 12th to 18th June 2015.
- xi. Veterinary Council of Nigeria Continuing Education Seminar on The Role of Veterinary Practice in Enhancing National Security held at the Usmanu Danfodiyo University, Sokoto, Sokoto State, held on 13th August 2015.
- xii. A hands-on training workshop on how to use ENDNOTE software at the congregation hall of the Usmanu Danfodiyo University, Sokoto, City Campus Complex. Organized by the Nigerian Veterinary Medical Association, Sokoto State chapter, on 2nd September 2015.
- xiii. Nigeria Veterinary Medical Association 52nd annual Conference: Providing Holistic Solutions to the Staggering Nigerian Economy: Challenges and Opportunities for Veterinarians Held at Convocation Arena, Rivers State University of Science and Technology, Nkpolu, Port Harcourt, Rivers State, Nigeria, on 16th to 20th November 2015.
- xiv. Veterinary Association Malaysia 29th Annual Congress. One Health: Bridging Veterinary and Allied Sciences Towards Nation's Well-Being, held at Holiday Inn, Kuala Lumpur Glenmarie, Shah Alam, Selangor, Malaysia. On the 6th to 8th October 2017.

- xv. Faculty of Veterinary Medicine 41st Seminar on Recent Advances in Animal Health and Production, held at the Auditorium, Faculty of Veterinary Medicine, Universiti Putra Malaysia, on the 25th of May 2018.
- xvi. Malaysian Association of Veterinary Pathology (MAVP) 10th Annual Scientific Conference, A decade of Veterinary Pathology: Past, Present, Future. Held at the Casuarina@Meru Hotel, Ipoh, Perak, Malaysia between 19th to 22nd July 2018.
- xvii. Universiti Putra Malaysia (UPM) Intensive Enzyme Linked Immunosorbent Assay (ELISA) Hands-on Workshop, held at the Human Anatomy Laboratory, Level G, Faculty of Medicine and Health Sciences, UPM, on the 10th of October 2018.
- xviii. Veterinary Association Malaysia 30th Annual Congress. Healthy Animal, Healthy Society, held at Helton Petaling Jaya, Selangor, Malaysia. On the 19th to 20th October 2018.
- xix. Nigeria Veterinary Medical Association 55th Annual Conference: The Veterinary Profession & Emerging Global Challenges. Held at the Usmanu Danfodiyo University, Sokoto, Sokoto State, Nigeria., between 22nd to 27th October 2018.
- xx. International Congress on One Health and AAVS-MyOHUN-WPSA (Malaysia)-SEAOHUN Meetings 2019, held at the Marriot Hotel, Putrajaya, Malaysia, on the 25th to 26th June 2019.
- xxi. Veterinary Association Malaysia 31st Annual Congress, Future-Proofing the Veterinary Profession, held at Bangi Resort Hotel, Selangor, Malaysia. On the 19th to 20th October 2019.

8. REVIEWED ARTICLES

- i. Surendre RW, Reduan MFH, Jasni S, Rajendren SK, Roslan NS, Kamaruzaman INA, Shaharulnizim N, Nordin ML (2021). Malignant cutaneous melanoma in a shih tzu mix: A case report. *J. Anim. Health Prod.* 9(1): 47-51. DOI: 10.17582/journal.jahp/2021/9.1.47.51. ISSN: 2308-2801.
- ii. Nath P., Modak S., Aktar T., Maiti S., Ghosh A., Singh R., Debnath M., Saha B. and Maiti D. (2023). Olive leaves extract alleviates inflammation and modifies the intrinsic apoptotic signal in the leukemic bone marrow. *Front. Immunology* 13:1054186. DOI:10.3389/fimmu.2022.1054186.
- iii. Hamid FFA, Reduan MFH, Sabri J, Abdullah FFJ, Odhah MN, Manaf NABA, Norsidin MJ, Yahya SNC, Kamaruzaman INA, Rajdi IM (2023). Effects of oxytetracycline and flunixin meglumine treatments on the haematological and serum biochemistry profiles of goats experimentally induced with manheimia

haemolytica pneumonia. *J. Anim. Health Prod.* 11(1): 73-81. DOI: <http://dx.doi.org/10.17582/journal.jahp/2023/11.1.73.81>

- iv. Heung-Sik Seo, Ji-Soo Kim, Myeong-Kyu Park, Nak-Won Seong, Geun-Hee Kang, Sang-Ho Kim, Joong-Sun Kim, Sung-Ho Kim, Jong-Choon Kim, and Changjong Moon (2024). Genotoxicity evaluation of collagen peptide derived from skate (*Raja kenoei*) skin: *In vitro* and *in vivo* studies. *Toxicological Research*.
- v. Dhanush Danes, Pooja Raval, Anjali Singh, Lakshmi Pillai and Suresh Balakrishnan (2024). Exposure to a sublethal dose of technical grade flubendiamide hampers angiogenesis in the chicken chorioallantoic membrane. *Toxicological Research*.
- vi. Sustainable Technology Development for the Extraction of Non-steroidal Anti-inflammatory Drugs present in Sultanate of Oman Healthcare Waste Streams using Ionic Liquids. Proposal for Research grant submitted for review by Sultan Qaboos University, Oman for subsequent funding by the Ministry of Higher Education Research and Innovation (MoHERI) under Block funding 2024.
- vii. Drug resistance genes profile and strain diversity of pyrazinamide (PZA) resistant *Mycobacterium tuberculosis* in Oman, Proposal for Research grant submitted for review by Sultan Qaboos University, Oman for subsequent funding by the Ministry of Higher Education Research and Innovation (MoHERI) under Block funding 2024.

9. POSITIONS HELD WITH DATES

- i. Hon. Member, Consultative Assembly, Association of Veterinary Medical Students, Usmanu Danfodiyo University, Sokoto, 2002/2003 Academic session.
- ii. Deputy Imam, City Campus Complex, Usmanu Danfodiyo University, Sokoto, from 2003 to 2007.
- iii. Hon. Member, Consultative Assembly, Association of Veterinary Medical Students, Usmanu Danfodiyo University, Sokoto, 2004/2005 Academic session.
- iv. The President, Kebbi State Veterinary Medical Students' Association (KEVEMSA), Usmanu Danfodiyo University, Sokoto Chapter, 2006 to 2007.
- v. Area Veterinary Officer (AVO), Argungu Local government Kebbi State 2013 to 2014
- vi. Secretary General, Nigerian Veterinary Medical Association, Sokoto State Chapter, 2014 to 2016.
- vii. Staff Adviser, Kebbi State Veterinary Medical Students' Association (KEVEMSA), Usmanu Danfodiyo University, Sokoto Chapter, 2014 to Date
- viii. Course coordinator: **VPT 4103: Pathology of Genito-Urinary and Endocrine Systems** 2014/2015 session (First Semester). November 2014 to 2016.

- ix. Course coordinator: **VPT 4205**: Clinical Pathology 2014/2015 session (Second Semester). June 2015 to 2016.
- x. Faculty of Veterinary Medicine Representative to the University Committees and Boards; Board of General Studies 2015 to 2016.
- xi. Returning officer, Kaura Namoda-Birnin Magaji Federal Constituency, Zamfara State, Nigeria. Nigerian General elections, organized by the Independent National electoral Commission (INEC), March 28, 2015.
- xii. Returning Officer, Bakura State Constituency, Zamfara State, Nigeria. 2015 General elections, organized by the Independent National Electoral Commission (INEC), April 11, 2015.
- xiii. Collation Officer for Governorship election, Bakura local government area, Zamfara State, Nigeria. 2015 General elections, organized by the Independent National Electoral Commission (INEC), April 11, 2015.
- xiv. Member, Welfare and Orientation Committee, Nigerian Students' Community, Universiti Putra Malaysia, Malaysia, 2018 to 2019.
- xv. Vice President, Kebbi State Postgraduate Students in Malaysia, Universiti Putra Malaysia Chapter, 2018 to 2019.
- xvi. Departmental Examination Officer. 8th March 2021 to 24th September 2022.
- xvii. Course coordinator: **VPT 4204**: Systemic Pathology II 2019/2020 session (Second Semester). 2021 to 2022.
- xviii. Course coordinator: **VPT 803**: Advanced Pathology of Body Fluid, 2019/2020 session (First Semester) 2021 to 2022.
- xix. Course coordinator: **VPT 806**: Histochemistry & IHC in Pathology, 2019/2020 session (Second Semester) 2021 to 2022.
- xx. Course coordinator: **VPT 808**: Advanced Pathology of Non-infectious Diseases 2019/2020 session (First Semester) 2021 to 2022.
- xxi. Course coordinator: **VPT 811**: Advanced Oncology I, 2019/2020 session (Second Semester) 2021 to 2022.
- xxii. Faculty of Veterinary Medicine Seminar Coordinator, 2021 to 2022.
- xxiii. Course coordinator: **VPT 4102**: Systemic Pathology I, 2021 to 2022.
- xxiv. Departmental Clinics Coordinator, 2021 to 2022.
- xxv. Assistant Faculty Examinations Officer, 22nd September 2021 to 24th September 2022.
- xxvi. Course coordinator: **VTMD 102**: Biochemistry, 2022 to Date.
- xxvii. Course coordinator: **VTMD 182**: Biochemistry Lab, 2022 to Date.
- xxviii. Course coordinator: **VTMD 212**: Veterinary Physiology II, 2022 to Date.
- xxix. Course coordinator: **VTMD 282**: Veterinary Physiology II Lab, 2022 to Date.
- xxx. Course coordinator: **VTMD 311**: General Veterinary Pathology, 2022 to Date.
- xxxi. Course coordinator: **VTMD 381**: General Veterinary Pathology Lab, 2022 to Date.
- xxxii. Course coordinator: **VTMD 321**: Systemic Veterinary Pathology, 2022 to Date.
- xxxiii. Course coordinator: **VTMD 391**: Systemic Veterinary Pathology Lab, 2022 to Date.
- xxxiv. Course coordinator: **VTMD 333**: Veterinary Forensic Pathology, 2023 to Date.

- xxxv. Course coordinator: **VTMD 415**: Clinical Pathology, 2023 to Date.
- xxxvi. Course coordinator: **VTMD 485**: Clinical Pathology Lab, 2023 to Date.
- xxxvii. Course coordinator: **VTMD 222**: Veterinary Histology and Embryology, 2024 to Date.
- xxxviii. Course coordinator: **VTMD 292**: Veterinary Histology and Embryology Lab, 2024 to Date.

10. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, Nigerian Veterinary Medical Association (NVMA).
- ii. Member, Malaysian Association of Veterinary Pathologists (MAVP) 2018 to 2019.
- iii. Member, Nigerian Students' Community, Universiti Putra Malaysia, 2016 to 2019.

11. COMMUNITY SERVICES:

- i. Muslim Students' Society of Nigeria, Ahmadu Bello University, Zaria 2011 to 2014
- ii. Muslim Students' Society of Nigeria, Usmanu Danfodiyo University, Sokoto 2002 to 2007.
- iii. Member, Nigerian Students' Community, Universiti Putra Malaysia, 2016 to 2019.
- iv. Vice President, Kebbi State Postgraduate Students in Malaysia, Universiti Putra Malaysia Chapter, 2018 to 2019.
- v. Online Examination Policy, College of Applied and Health Sciences Seminar Series, December 2022 Edition, Presented by Dr. Abdullahi Aliyu on Wednesday, 14th December 2022 at CAS202 between 1-2 pm.

12. RESEARCH INTEREST

- i. Veterinary Medicine.
- ii. Animal Production
- iii. Pathology
- iv. Veterinary Pathology.
- v. Haematology.
- vi. Oncology.

13. AWARDS

- i. 2012/2013 Scholarship award; Nigeria-Sao Tome and Principe, Joint Development Authority, Addax Petroleum.
- ii. 2014/2015 merged Tetfund Scholarship award.
- iii. Best Poster Presentation Award at the Malaysian Association of Veterinary Pathology (MAVP) 10th Annual Scientific Conference, A decade of Veterinary Pathology: Past, Present, Future. Held at the Casuarina@Meru Hotel, Ipoh, Perak, Malaysia between 19th to 22nd July 2018

14. RESEARCH GRANTS

- i. Phenotypic and genetic characterization of common myan (minah bird) in the Sultanate of Oman (2023). Funded by Environmental authority, Oman. **Co-Investigator.**
- ii. Embryo Sex Determination for Optimal Management and Pregnancy Evaluation in Camels (2023) funded (19,000 OMR) by MoHERI (block funding program). **Principal Investigator.**
- iii. Foot-and-Mouth Disease Virus in Oman: Sero-Molecular Epidemiology and Vaccine Matching (2023). Funded (20,000 OMR) by MoHERI (block funding program). **Co-Principal Investigator.**

15. HOBBIES

Reading, Listening to Radio and Watching Television

16. NAMES AND ADDRESS OF REFEREES

a) Dr. Qais Abdullah Al Rawahi, DVM, M.Sc., Ph.D.

Department of Veterinary Medicine,
College of Applied and Health Sciences,
A'Sharqiyah University, Oman
E-mail: qais.alrawahi@asu.edu.om
Tel.: (+968) 99229910 (cell)

b) Associate Prof. Dr. Hazilawati bnt Hamzah, DVM, M.Sc., Ph.D.

Department of Veterinary Pathology and Microbiology,
Faculty of Veterinary Medicine,
Universiti Putra Malaysia
Email: hazilawati@upm.edu.my
Tel.: +60 19-284 6897 (cell).

c) Prof. Bisalla Mohammed, DVM, M. Sc., PhD.

Department of Veterinary Pathology,
Faculty of Veterinary Medicine,
Ahmadu Bello University, Zaria, Nigeria
Email: mbisng@yahoo.com
Tel.: (+234)803 -452 -1511 (cell)