



KEY SKILLS

- Microsoft Office
- SPSS
- qGIS & SatScan
- PCR, ELISA, HA & HI
- Bacteriology
- Virology
- Clinical Pathology
- Histopathology
- Toxicopathology

EDUCATION

[2010]

[PhD in Veterinary Pathology, GADVASU, India]

[2003]

[MVM in Laboratory Practice, University Putra Malaysia]

[1994]

[BVSc, Alzintan Higher Institute of Veterinary Science]

PROFESSIONAL EXPERIENCE

Professor, Director-General of National Research Center for Tropical and Transboundary Diseases (NRCTTD) [2021-Now]

Director of Biotechnology Research Center – Alzintan Branch [2020-2021]

Associate Professor cum Head [2021]

Department of Poultry and Fish Diseases, Faculty of Veterinary Medicine, University of Tripoli, Libya.

[1999 – 2021. From Administrator to Professor. Except the period from 2012-2014 at NCAH and MVM and PhD period]

[Management, Academic, Research and Field role in diagnosis, prevention and control of poultry diseases]

Key Responsibilities

- Lecturing of UG and PG students on topics of theory and practical sessions of bacterial, viral, fungal, and nutritional poultry diseases including the necropsy techniques.
- Duty at the veterinary hospital for diagnosis of poultry diseases by conducting necropsies, collection of samples and lab work.
- Conducting of research on pathology, immunology and microbiology of various poultry diseases as well as toxicopathological studies.
- Investigation of poultry disease outbreaks.
- Design and conduct surveillance studies of poultry diseases
- The use of GIS to assist in control of poultry diseases.

Achievements

- First diagnosis of *Ornithobacterium rhinotracheale* from infected chickens in Libya by ELISA and Newcastle disease and HPAI H5N1 by rRT-PCR and sequencing.

LINKS OF ACADEMIC PROFILES

Research gate: http://researchgate.net/profile/Abdulwahab_Kammon

Google scholar: <https://scholar.google.com/citations?authuser=1&user=06P06i0AAAAJ>

ORCID: <https://orcid.org/0000-0002-7529-7430>

Linked in: <https://www.linkedin.com/in/vetkammon/>



INTERESTS

- Molecular characterisation of poultry respiratory viruses
- Resistance of bacteria isolated from poultry to antibiotics
- Epidemiology of poultry diseases
- Food safety
- Medicinal plants (Prebiotics)
- Pesticides

AWARDS

- Libyan Government Scholarship for MVM 2001.
- Best poster award at XXIInd Maghrib Veterinary Congress 18-19 April 2005 Tripoli – Libya.
- Libyan Government Scholarship for PhD 2006.

[Deputy Director]

[National Center of Animal Health (NCAH), Libya] [2012-2014]

[Administration and Professional Role]

Key Responsibilities

- Leadership to the NCAH.
- Managing of all issues related to poultry diseases including monitoring surveys, diagnosis and control.
- Consultation and training of poultry veterinarians and emergency teams on necropsy and outbreak investigation and laboratory staff on some new techniques.
- Establish and implement strategic plan to build database on poultry industry in the whole country and managing the field teams.

Achievements

- Diagnosis and control of first outbreak of HPAI H5N1 that infected backyard chickens in Tobrouk during 2014.
- Isolation and characterization of Newcastle disease virus, AI H9N2 virus in 2013.
- Control of Newcastle disease outbreaks, which hits poultry industry in Libya during 2013 by using appropriate vaccines and vaccination program.
- Molecular characterization of IBV (variant strain 3382/06) and serological identification of QX and D8880 serotypes in 2012.
- Preliminary diagnosis of Egg Drop Syndrome in laying chickens in 2013 (ELISA and Histopathology)
- Molecular diagnosis and characterization of ILT virus in poultry.

[Coordinator]

[Agriculture Sector in Alzintan Regional Transitional Council] [2011-2013]

[Part time management role]

Key Responsibilities

- Provide leadership to the agriculture sector in its pursuit to assist farmers and producers by improving agriculture and animal health services.
- Suggest projects and strategic plans to enhance capacity buildings of the agriculture sector.



TRAINER

- National Consultant and Trainer of 92 Veterinarians in the FAO project OSRO/LIB/801CHA “Emergency assistance for outbreaks of deadly Zoonotic diseases (HPAI, RVF and Rabies) in Libya” April, 2019.

VOULENTER

- Head of the Research Unit at Elekhlis Charity Association.

SUPERVISOR

- 7 master students

REVIEWER

- AJEA
- OVJ
- JNT
- PBPJ
- JTEHS
- BBJ
- IJVSM

[Vice Dean]

**[Faculty of Veterinary Medicine, University of Tripoli]
[2011-2012]**

[Administration and Professional Role]

Key Responsibilities

- Provide oversight of the Student Coordinators for student affairs.
- Guide the Veterinary Curriculum Improving Committee in consistent with quality assurance accreditation and University curricular guidelines, and oversight in curricular reviews.
- Provide oversight of the educational specialist to foster improvements in instructional design, methodologies and technology.
- Assist in providing necessary equipments and materials for veterinary teaching hospital and laboratories.

RESEARCH

- Current research: Surveillance and Risk Assessment of Avian Influenza/Newcastle disease in Libya.
- The use of some local medicinal plants in improving performance, health and immune system of poultry birds.
- Molecular diagnosis and characterization of some respiratory viral diseases (i.e NDV, AI, IB and ILT).

MEMBERSHIP

- Member of Supreme National Committee for Food Safety in Libya.
- Member of the Technical Workgroup of Arab Rapid Alert System for Food and Feed Safety.
- Member of Editorial Board of Approaches in Poultry, Dairy & Veterinary Sciences Journal. <http://crimsonpublishers.com/apdv/editorial-board.php>
- Member of the Advisory Board of Mirror of Research in Veterinary Sciences and Animals Journal. <http://mrvs.com/editorial.php>
- Member of American Association of Avian Pathologists.
- Founder of Libyan Association of Poultry Diseases.
- Life member of Indian Association of Poultry Science.
- Member of Libyan Association of Experts and Consultants



TRAINING AND WORKSHOPS

1. Training on Biosafety and Biosecurity for Managing COVID-19 in Laboratories and Healthcare Facilities organised by icddr,b and Islamic Development Bank on 8-10 June 2021 (Zoom).
2. A Joint FAO-TAMU Online Course on Laboratory Quality Control Systems (September 7 – November 13, 2020).
3. Training workshop on National Codex Capacities Development in Libya. From 4th to 6th Feb 2019, Tunis.
4. Training course of "Auditors in quality assurance and accreditation" as per standards issued by the National Center for Quality Assurance & Accreditation of Educational and Training Institutes, for a total of (28) training hours. Research, Consulting and Training Center, University of Tripoli. Tripoli, Libya, 5-8 Nov 2018.
5. Workshop on the Application of the Guideline for the Arab Rapid Alert System for Food and Feed (ARASFF), Tunis, Tunisia, 15 – 16 July 2018.
6. Training workshop on the Draft FAO/WHO food control system assessment tool Tunis, Tunisia, 16-19 October 2017.
7. Workshop: Exchange of Experience in Arab Rapid Alert Systems for Food and Feed Safety (ARASFF), Amman, Jordan, 1-2 May 2017.
8. Eligible for American College of Poultry Veterinarian Exam.
9. World Veterinary Education in Production Animal Health (WVEPAH) post-graduate study program "Chicken I" at Freie Universität Berlin, Germany, from 16 - 27 March 2015.
10. Training: The use of Geographic Information System (GIS) as a tool to assist in prevention and control of poultry diseases (early warning). Istituto Zooprofilattico Sperimentale delle Venezie, Viale dell'Università', 10, Legnaro, Padova 35020, Italy on 23rd Feb - 13th Mar 2015.
11. Training: Leaders Development Program - Government of Libya. 6th Apr to 1 May 2014 at Mohammed Bin Rashid School of Government (MBRSG), Dubai, UAE. The program include training on Leadership, Management of public budget, Strategic Planning, Planning and project management, Introduction to Accounting and Financial Control, and Quality and Organizational Distinction.
12. Training: Principles of Leadership and Strategic Planning. 2-6 March 2014 organized by National Program for Integration and Development, Tripoli, Libya.



13. Workshop: The use of Science-based methods and developments of scientific arguments in standard-settings. Tunis, Tunisia 10th to 12th July 2012 organized by Inter African Bureau for Animal Resources (IBAR).

14. Training: Polymerase Chain Reaction (PCR) Primer Design and Applications held on 24-26 September 2002 at the Department of Biotechnology, Faculty of Food Science and Biotechnology, University Putra Malaysia.

FIELD WORK

1. Diagnosis of COVID-19 using Real time RT-PCR at Biotechnology Research Center – Alzintan Branch (August, 2020 – Now).
2. Coordinator (Focal point) of University of Tripoli (UOT) for implementation of FAO and UOT agreement in support of the OSRO/LIB/801CHA project “Emergency assistance for outbreaks of deadly Zoonotic diseases (HPAI, RVF and Rabies) in Libya” 2019.
3. Consultant for the National Center of Animal Health (NCAH).
4. Member and spokesperson of the emergency team established by Libyan Ministry of Agriculture to control the Avian Influenza H5N1 in Tobruk and other cities, 2014.
5. Head of the emergency team to control Newcastle Disease April 2013.
6. Member of the committee for preparation of new legislation for biosafety in veterinary laboratories and establishments 2013.
7. Head of Central Committee for diagnosis and control of poultry diseases in Libya.
8. Advisor of many poultry farms in different places of Libya.
9. Member of the consultancy team to solve the problems of poultry industry at The Libyan Company of Poultry and Livestock (Government Company) from 1-11-2004 to 3-1-2005.
10. Laboratory Advisor of Alnaja Veterinary Company (private company) from 1-5-2010 to 20-2-2011.
11. Director of Veterinary Teaching Hospital, Higher Institute of Veterinary Science, Alzintan, Libya.
12. Veterinarian at Veterinary Private Clinic from 1996-1999.



PUBLICATIONS

I. GenBank:

1. Newcastle disease virus (APMV-1/chicken/Libya/13VIR/7225-1/2013) Fusion (F) Protein (accession: KP719224.1).
<http://www.ncbi.nlm.nih.gov/nuccore/KP719224.1>
2. Influenza A virus (A/chicken/Libya/14VIR2749-16/2014(H5N1)) segment 4 hemagglutinin (HA) gene, partial cds (accession: KM244122.1)
<http://www.ncbi.nlm.nih.gov/nuccore/KM244122.1>
3. Influenza A virus (A/chicken/Libya/13VIR7225-5/2013(H9N2)) segment 4 hemagglutinin (HA) gene, partial cds (accession: KM244121)
<http://www.ncbi.nlm.nih.gov/nuccore/KM244121.1>
4. Influenza A virus (A/chicken/Libya/13VIR7225-3/2013(H9N2)) segment 4 hemagglutinin (HA) gene, partial cds (accession: KM244120)
<http://www.ncbi.nlm.nih.gov/nuccore/KM244120.1>
5. Influenza A virus (A/chicken/Libya/13VIR7225-2/2013(H9N2)) segment 4 hemagglutinin (HA) gene, partial cds (accession: KM244119)
<http://www.ncbi.nlm.nih.gov/nuccore/KM244119.1>
6. Foot and Mouth Disease Viruses: 70 isolates from Libya, UAE, Saudi Arabia, Nepal and Bhutan. <http://www.ncbi.nlm.nih.gov/nuccore/KM921841.1>

II. JOURNAL ARTICLES

1. **Abdulwahab Kammon**, Mosbah Doghman and Ibrahim Eldaghayes (2022) Surveillance and assessment of risk factors for the spread of avian influenza type A in live birds markets located in Tripoli, Libya. *Veterinary World*, 15(7): 1684-1690.
2. Ibrahim Eldaghayes, Abdunaser Dayhum, **Abdulwahab Kammon**, Monier Sharif, Giancarlo Ferrari, Christianus Bartels, Keith Sumption, Donald P. King, Santina Grazioli and Emiliana Brocchi. (2022) Determination of Serological Data to Understand the Epidemiology of Foot-and-mouth Disease Virus Serotypes Circulating in Libya. *Innovations in Microbiology and Biotechnology* Vol. 5, 21 April 2022, Page 1-13. <https://doi.org/10.9734/bpi/imb/v5/1950A>
3. **Kammon, A.**, Giweli, A., Erhouma, E., Rammah, E., Elusta, A., Knifo, S., Ali, W., Benbubaker, W., Ebrahim, F. and Elarabi, A. (2021) Epidemiology of SARS-CoV-



- 2 and Emergence of UK Variant in Zintan City of Libya. *Open Journal of Epidemiology*, 11, 349-359. <https://doi.org/10.4236/ojepi.2021.114029>
4. Monier A. M. Sharif, Adel B. M. Mohamed, Wafa. M Ibrahim, Ibrahim M. Eldaghayes, **Abdulwahab M. Kammon** and Abdunaser S. Dayhum. (2021) Necrotic Encephalitis associated with a Toxoplasma-like Protozoan Infection in Lambs. *Lebda Medical Journal*. Vol. 8, Dec. 2021, p.279-282.
 5. Emhemed A. Gedara, Hesham A. Alseed, **Abdulwahab M. Kammon**, Abdunaser S. Dayhum, Mohamed A. Benothman, Soleman O. Al-Garib and Ibrahim M. Eldaghayes (2020) Seroprevalence and molecular detection of Newcastle disease virus in backyard chickens in Tripoli, Libya. *Open Veterinary Journal*. Vol. 10(1): 80–85.
 6. **Abdulwahab Kammon**, Jamaal S., Abdulatif A., Yousef A. (2020) Isolation, Serological and Molecular Detection of Infectious Laryngotracheitis Virus (ILT) in Chickens in Libya. *Appro Poult Dairy & Vet Sci* 7(4). APDV.000666.2020.
 7. **Abdulwahab M. Kammon**, Ali A. El-Arabi, Esadk A. Erhouma, Taha M. Mehemed, Othman A. Mohamed (2020) Seroprevalence of antibodies against SARS-CoV-2 among public community and health-care workers in Alzintan City of Libya. *medRxiv* 2020.05.25.20109470; doi: <https://doi.org/10.1101/2020.05.25.20109470>
 8. **Abdulwahab Kammon**, Ali A, Abdulatif A. (2019) In Vitro Antimicrobial Activity of Clove Oil against Gram Negative Bacteria Isolated from Chickens. *Appro Poult Dairy & Vet Sci* 6(2). APDV.000635.2019. DOI: 10.31031/APDV.2019.06.000635
 9. **Abdulwahab Kammon**, Samia Alzentani, Omar Tarhuni and Abdulatif Asheg, (2019) Effect of Some Organic Acids on Body Weight, Immunity and Cecal Bacterial Count of Chicken during Heat Stress. *International Journal of Poultry Science*, 18: 293-300.
 10. Yousef M. Abouzeed, Faraj Zgheel, Abdurrezagh Abdalla Elfahem, Mohammed Saad Almagarhe, Abdulgader Dhawi, Abdulkareem Elbaz, Murad A. Hiblu, **Abdulwahab Kammon** and Mohamed O. Ahmed (2018) Identification of phenolic compounds, antibacterial and antioxidant activities of raisin extracts. *Open Veterinary Journal*, (2018), Vol. 8(4): 479-484.
 11. **Abdulwahab Kammon**, Isabella Monne, Abdulatif Asheg and Giovanni Cattoli (2018) Molecular Detection and Characterisation of Avian Paramyxovirus type 1 in Backyard Chickens and Pigeons in Alzintan City of Libya. *Open Veterinary Journal*, (2018), Vol. 8 (4): 401-405.
 12. **Abdulwahab M.M. Kammon** (2017) The Future Use of Medicinal Plants as Alternatives to Antibiotics in Animal Health and Production. *Appro Poult Dairy & Vet Sci*. 1(1). APDV.000503. 2017.



13. A. Dayhum, M. Sharif, I. Eldaghayes, **A. Kammon**, P. Calistri, M. L. Danzetta, D. Di Sabatino, A. Petrini, G. Ferrari, S. Grazioli, G. Pezzoni and E. Brocchi (2017) Sero-prevalence and epidemiology of peste des petits ruminants in Libya. *Transbound Emerg Dis.* 2017; 1–7. DOI: 10.1111/tbed.12670.
14. **Abdulwahab Kammon**, Paolo Mulatti, Monica Lorenzetto, Nicola Ferre, Monier Sharif, Ibrahim Eldaghayes and Abdunaser Dayhum (2017) Biosecurity and geospatial analysis of mycoplasma infections in poultry farms at Al-Jabal Al-Gharbi region of Libya. *Open Veterinary Journal*, (2017), Vol. 7(2): 81-85.
15. Ibrahim Eldaghayes, Abdunaser Dayhum, **Abdulwahab Kammon**, Monier Sharif, Giancarlo Ferrari, Christianus Bartels, Keith Sumption, Donald P. King, Santina Grazioli and Emiliana Brocchi (2017) Exploiting serological data to understand the epidemiology of foot-and-mouth disease virus serotypes circulating in Libya. *Open Veterinary Journal*, Vol. 7(1): 1-11.
16. **Abdulwahab Kammon**, Alireza Heidari, Abdunaser Dayhum, Ibrahim Eldaghayes, Monier Sharif, Isabella Monne, Giovanni Cattoli, Abdulatif Asheg, Milad Farhat, and Elforjani Kraim (2015) Characterization of Avian Influenza and Newcastle disease viruses from Poultry in Libya. *AVIAN DISEASES* 59:422–430.
17. M.A.M. Sharif, M.M.A. Alagab, I.M. Eldaghayes, **A.M. Kammon** and A.S. Dayhum (2015) Caprine Coccidiosis: An outbreak in the Green Mountain in Libya. *J. Vet. Med. Anim. Health* Vol. 7(6), pp. 229-233, June 2015.
18. Alaa Eldin Eissa, Mohamed Abdelsalam, Abdelsalam Abumhara, **Abdulwahab Kammon**, Fateim T Gammoudi, Khaled M Ben Naser, Taghreed Borhan, and Abdulatif Asheg (2015) First Record of *Vibrio vulnificus* / *Anisakis pegreffii* Concurrent Infection in Black scorpionfish (*Scorpaena porcus*) from the South Mediterranean Basin. *RJPBCS* 6(3): 1537-1548.
19. AA Asheg, SM EL-Nyhom, AE Eissa, **AM Kammon**, AH Kanoun, KM Ben Naser, and YM abouzeed (2015) Effect of Some Libyan Medicinal Plants on Hematological Profile, Cholesterol Level and Immune Status of Broiler Chicken. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* 6 (2): 1164-1170.
20. N. J. Knowles, K. Bachanek-Bankowska, J. Wadsworth, V. Mioulet, B. Valdazo-Gonzalez, I. M. Eldaghayes, A. S. Dayhum, **A. M. Kammon**, M. A. Sharif, S. Waight, A. M. Shamia, S. Tenzin, U. Wernery, S. Grazioli, E. Brocchi, S. Subramaniam, B. Pattnaik and D. P. King (2014) Outbreaks of Foot-and-Mouth Disease in Libya and Saudi Arabia During 2013 Due to an Exotic O/ME-SA/Ind-2001 Lineage Virus. *Transboundary and Emergency Diseases*, doi:10.1111/tbed.12299
21. Sharif MAM, Eldaghayes IM, **Kammon AM** and Dayhum AS (2014) Melanoacanthoma in a Dog: A Case Report. *J Veterinar Sci Technolo* 2014, 5:2 <http://dx.doi.org/10.4172/2157-7579.1000167>



22. **Abdulwahab Kammon**, Tan Sheau Wei, Abdul Rahman Omar, Abdunaser Dayhum, Ibrahim Eldghayes, Monier Sharif (2013) Molecular Detection and Characterization of Infectious Bronchitis Virus from Libya. *International Journal of Medical, Pharmaceutical Science and Engineering* Vol:7 No:12, 2013
23. M.A.M. Sharif, M.E. Farhat E.S., Kraim N.A., Altrabulsi, **A.M. Kammon**, A.S. Dayhum and I.M. Eldaghayes (2013) Ovine paratuberculosis: a confirmed case of Johne's disease in Libya. *Open Veterinary Journal*, (2013), Vol. 3(2): 131-134
24. **Kammon A M**, Brar R S, Banga H S and Sodhi S (2012) Ameliorating effects of vitamin E and selenium on immunological alterations induced by imidacloprid chronic toxicity in chickens. *J Environ Anal Toxicol* 2012, S:4. <http://dx.doi.org/10.4172/2161-0525.S4-007>.
25. A. Asheg, O. A. Tarhuni, S.O. Al-Garib., M. A. Hamid and **A. M. Kammon** (2011) An outbreak of infectious laryngotracheitis in layer chickens in Libya. *Indian Veterinary Journal*, Vol 88, August 2011.
26. **Kammon A. M.**, Asheg A. A., Al-Garib S. O., Tarhouni O. A., and Al-Arabi M. A (2011) Detection of antibodies against *Ornithobacterium Rhinotracheale* in parent broilers by ELISA. *Libyan Veterinary Medical Journal (LVMJ)*, Vol 2(1): 122-125.
27. **A.M. Kammon**, R.S. Brar, S. Sodhi, H.S. Banga, J. Singh and N.S. Nagra (2011) Chlorpyrifos chronic toxicity in broilers and effect of vitamin C. *Open Veterinary Journal*, Vol. 1: 21-27
28. Sambhaji G. Chavhan, R.S. Brar, H.S. Banga, H. S. Sandhu, S. Sodhi, Gadhav P.D., Kothule V.R. and **A.M. Kammon** (2011) Clinicopathological studies on vitamin D3 toxicity and therapeutic evaluation of Aloe vera in Rats. *Toxicology International Journal*, Vol 18 (1): 35-43.
29. Ibrahim M. Eldaghayes, Mohamed A. Hamid, Sayed R. El-Attar and **Abdoalwahab M. Kammon** (2010) Pathology of gout in growing layers attributed to high calcium and protein diet. *E-International Scientific Research Journal*. ISSN: 2094-1749 Volume: 2 Issue: 4, 2010
30. **A.M. Kammon**, R.S. Brar, S. Sodhi, H.S. Banga and H. S. Sandhu (2010) Neuropathological studies of chickens following exposure to chlorpyrifos. *Toxicology International Journal*, Vol 17 (2): 78-81.
31. **A.M. Kammon**, R. S. Brar, H. S. Banga and S. Sodhi (2010) Patho-biochemical studies on hepatotoxicity and nephrotoxicity on exposure to chlorpyrifos and imidacloprid in layer chickens. *VETERINARSKI ARHIV* 80 (5), 663-672.
32. **A.M. Kammon**, R. S. Brar, S. Sodhi, H. S. Banga, N. S. Nagra and J. Singh (2010) Ameliorating effect of vitamin C on immunological implications induced by chronic chlorpyrifos toxicity in broilers. *Libyan Veterinary Medical Journal (LVMJ)*, Vol 1(1): 164-180.



33. Franciosini M. Pia, Canali C., Casagrande Proietti P., Tarhuni O., Asdrubali G., **Kammon A. M.**, Asheg A. A. and Al-Garib S. O. (2010) Plasma corticosterone levels in laying hens from three different housing systems. *Libyan Veterinary Medical Journal (LVMJ)*, Vol 1(1): 108-116.
34. S.O. Al-Garib, O.A. Algriany, A.A. Asheg, **A. M. Kammon**, O. Tarhone (2010) Salmonella Infections in Poultry Farms of Libya. *Libyan Veterinary Medical Journal (LVMJ)*, Vol 1(1): 9-21.
35. O. Tarhuni, G. Asdrubali, A. Damiani, M. P. Franciosini, A. A. Asheg, **A. M. Kammon**, S. O. Al-Garib (2010) Detection of suspected DNA avian circovirus in commercial turkey flocks. *Libyan Veterinary Medical Journal (LVMJ)*, Vol 1(1): 65-75.
36. H.S. Banga, R.S. Brar, S.G. Chavhan, H.S. Sandhu and **A.M. Kammon** (2009) Pathology of snake bite in cow. *Toxicology International* Vol. 16, No. 1, 2009 pp 69-71.
37. Abdulatif A. Asheg, Soleman O. Al-Garib, **Abdoalwahab M. Kammon**, and Mohamed A. Al-Arabi (2007) Investigating the Presence of Antibodies against Chicken Infectious Anemia Virus in Libya using the Enzyme-Linked Immunosorbent Assay. *Journal of Basic and Applied Sciences*, Vol 17 (3): 188-196.
38. S.O. Al-Garib, A. A. Al-asheg, **A. M. Kammon** and M. A. Hamid (2006) An outbreak of respiratory infection of multi-agents occurred in poultry flocks in Tripoli, Libya. XII European Poultry Conference, 10-14 September 2006, Volume 62, supplement, Editors: I. Romboli, D.Flock, A. Franchini. Page, 130-131 (The abstract published in *World's Poultry Science Journal*).

III. Conference proceedings:

1. **Kammon A.**, Heidari A., Dayhum A., Eldaghayes I., Sharif M., Schivo A., Monne I., Cattoli G., Asheg A., Musa Y., Marwan A., Farhat M., and Kraim E.S. Isolation and Molecular Characterization of Newcastle Disease Virus and Low Pathogenic Avian Influenza H9N2 in Libya. WVPAC2015 held on 7-11 Sep, 2015 at Cape Town, South Africa.
2. **Abdulwahab Kammon**, Tan Sheau Wei, Abdul Rahman Omar, Abdunaser Dayhum, Ibrahim Eldghayes, Monier Sharif (2013) Molecular Detection and Characterization of Infectious Bronchitis Virus from Libya. International Conference on Animal Science and Veterinary Medicine, Penang, Malaysia, Dec 16-17, 2013.
3. A. A. Asheg, O. A. Tarhuni, **A. M. Kammon** and M. P. Franciosin (2013) Detection and molecular characterization of infectious laryngotracheitis in



laying hen in Libya. 31World Veterinary Congress, Prague, Republic of Czech, 09/2013.

4. A. A. Asheg and **A. M. Kammon** (2013) Effect of organic acids on cecal bacteria count in chicken under heat stress. World Veterinary Poultry Association, Vol: WVPAC, 2013.

5. **Kammon A M**, Brar R S, Banga H S and Sodhi S (2012) Ameliorating effects of vitamin E and selenium on immunological alterations induced by imidacloprid chronic toxicity in chickens. International Conference on one health and 24th VAM Congress 2012. University Putra Malaysia, Putrajaya, Malaysia, September 21-23, 2012. p. 101.

6. **Kammon A M**, Brar R S, Sodhi S, Banga H S and Sandhu H S (2009) Neuropathological studies on chicken following administration of chlorpyrifos. XXVI Annual Conference of Indian Association of Veterinary Pathologists. Department of Veterinary Pathology, GADVASU, Ludhiana, India, October 28-30, 2009. p. 153.

7. **Kammon A M**, Brar R S, Banga H S and Sodhi S (2009) Pathological studies on imidacloprid induced toxicity in chicken. XXVI Annual Conference of Indian Association of Veterinary Pathologists. Department of Veterinary Pathology, GADVASU, Ludhiana, India, October 28-30, 2009. p. 153.

8. A. M. Kammon, R. S. Brar, Sandeep Sodhi and H. S. Banga (2009) Acute toxicity of chlorpyrifos insecticide in chickens. The 12th Punjab Science Congress, February 7-9, 2009, Ludhiana Punjab, India.

9. **A. M. Kammon**, R. S. Brar, Sandeep Sodhi and H. S. Banga (2009) Acute toxicity of chlorpyrifos insecticide in chickens. The 12th Punjab Science Congress, February 7-9, 2009, Ludhiana Punjab, India.

10. **Abdoalwahab M. Kammon**, R. S. Brar, Sandeep Sodhi and H. S. Banga (2008) Studies on acute toxicity of imidacloprid insecticide in layer chicks. The 28th Annual Conference of Society of Toxicology (STOX), India and International Symposium on "Monitoring and Modulating Global Resources of Environmental and Food Contaminants: Nature versus Chemicals" October 16-18, 2008, Ludhiana, Punjab, India.

11. Al Garib S. O., A. A. Asheg., **Kammon A. M.**, M. O. Hamid. H. fathalla., A. lawala: Detection of Antibodies to Avian Influenza H9N2 in Broiler Flocks Clinically



Expressing a Respiratory Disease Syndrome (15th World Veterinary Poultry Conference, Beijing china 10-15/ 9/ 2007).

12. Al Garib S. O., A. A. Asheg., **Kammon A. M.**, M. O. Hamid. : A study on antibacterial sensitivity against E. coli isolate from broiler and layers in Libyan farms. The XXIII maghrib vet congress. Tunis 14-15/ 4/ 2006.

13. Al Garib S. O., A. A. Asheg., **Kammon A. M.**, M. A., Hamid. : An outbreak of a respiratory infection of multi-agent occurred in poultry flocks in tripoli, libya. The XXIII maghrib vet congress. Tunis 14-15/ 4/ 2006.

14. **Kammon A.M.**, M.A.H. Al-Arabi, A. Al-Asheg, and S.O. Al-Garib (2005) Investigating the relationship between the field observations among broiler flocks and Ornithobacterium Rhinotracheale infection by the Enzyme-Linked Immunosorbent Assay (ELISA). XXIIInd Maghrib Veterinary Congress 18-19 April 2005 Tripoli – Libya. (Awarded best poster presentation).

15. A. Al-ashek, S.O. Al-Garib, **A. M. Kammon** and M. Al-Arabi (2005) Investigation on the presence of antibodies against Chicken Infectious Anemia in Libya using the Enzyme-Linked Immunosorbent Assay. XXIIInd Maghrib Veterinary Congress, 18-19 April 2005 Tripoli, Libya.

16. **Kammon A. M.**, Omar A.R., and Saleha A.A. (2005) Detection of Salmonella in fecal samples from chickens by PCR. 14th World Veterinary Poultry Congress 22-26 August 2005 Istanbul, Turkey.

CONFERENCES AND MEETINGS ATTENDED

1. OIE Global Conference on Veterinary Education and the Role of the Veterinary Statutory Body, Foz de Iguazu (Brazil) 4-6 December 2013.

2. Joint FAO/WHO food standards program, Codex Committee on Food Import and Export Inspection and Certification Systems. 20th Session, Chiang Mai (Thailand), 18- 22 February 2013.

3. Regional Training of Trainers Sanitary and Phyto-sanitary (SPS) on Standard Setting Processes. Tunis, Tunisia July 2012.

4. OIE Global Conference on Veterinary Legislation, Djerba, Tunisia 7-9 Dec 2010.



5. National seminar on modern technologies for veterinary vaccines & diagnostics for poultry, 2nd July 2009 organized during ILDEX India 2009 (2-4 July 2009, ITPO, Pragati Maidan, New Delhi).
6. The XIX National Congress of Veterinary Parasitology and Symposium on "National impact of Parasite Diseases on Livestock Health and Production" with focal theme on "Changing Trends in Parasitology: From Eggs to Genomics" from 3rd to 5th February, 2009 organized by Department of Veterinary Parasitology, College of Veterinary Science, GADVASU, Ludhiana, Punjab, India.
7. The 24th Annual Conference of Indian Poultry Science Association and National Symposium at Ludhiana from 25th to 27 April 2007.
8. The 2nd Conference of Biotechnology at Albyda, Libya from 4-6 August 2003.
9. Seminar on recent advances in animal health and production no. 25, "Current Trends in Veterinary Research" 18 March 2002, Faculty of Veterinary Medicine, University Putra Malaysia.

SYMPOSIUM PRESENTATIONS

1. Presentation: Future Use of Alternatives to Antimicrobial Agents in Animal Health and Production. Open Scientific Day organized by NCAH and Faculty of Veterinary Medicine, University of Tripoli. March 11, 2018.
2. Presentation: Poultry Viral Diseases in Libya. Presented at the Poultry Diseases Experts Symposium held on the Celebration of 60th Anniversary of University of Tripoli, Feb 26, 2018.
3. Lecture (Control of Avian Influenza): Training of Rapid Response Team of the National Center of Animal Health, Zawia, Libya, on Sep 2013.
4. Presentation: Poultry industry in Libya: Current Challenges and Future Visions. Presented at symposium on protection and development of livestock and the prospect of development held on 9 May 2012 during the 5th Agro-Libya 2012.
5. Presentation: Protection of animals used for experimental and other scientific purposes: the role of institutional animal ethics committee. Presented at Symposium of Libyan Society for the Prevention of Cruelty to Animals held on 15-1-2012.



6. Head of the organizing committee of Bluetongue symposium held on 29-10-2011.

7. Presentation: Chemical residues in poultry meat and the methods of their detection. Presented at Food safety symposium held on 26-5- 2010.

8. Member of the organizing committee of symposium on control of Salmonellosis in poultry flocks using probiotics and prebiotics held on 22-6-2010 during Agro-Libya 2010.

9. Presentation: Salmonellosis in poultry: current implications and its control in Libyan poultry farms. Presented at Breeding of Local Chickens using Biotechnology symposium held on 25-4-2005.