

## CURRICULUM VITAE

### Personal Information:

Name: SALAH MOHAMED AZWAI.

Sex: Male.

Date & place of Birth: 1961, Tripoli, Libya.

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### Education:

**1992-1995.**

**Ph.D.**

University of Liverpool, (UK). Faculty of Veterinary Sciences,  
Department of Veterinary Pathology.

Title of Thesis: Camel Immune Responses and Infectious Diseases.

**1987-1989.**

**M.V.Sc.** (Master of Veterinary Sciences).

Al Fateh University, Faculty of Veterinary Medicine, Department of  
Veterinary Microbiology and Parasitology. Tripoli, Libya.

Title of Thesis: Aerobic Bacteria Associated with Clinical Ovine  
Mastitis.

**1979-1985.**

**B.V.M & S.** (Bachelor of Veterinary Medicine & Surgery).

Al Fateh University, Faculty of Veterinary Medicine. Tripoli, Libya.

### Work Experience:

2009- till now Professor of Immunobiology at Dept. of Microbiology &  
Parasitology, Faculty of Veterinary Medicine, Al Fateh University.

Executive Director of the academic agreement between Al  
Fateh University and London University.

Chairman of the executive committee for the academic collaboration between Al Fateh University and University of Southampton.

Coordinator of scientific collaboration between Al Fateh University and British Universities.

Member of International Consultants Committee for the 6<sup>th</sup> International Conference (2011) on Health Issues in Arab Communities.

University of Liverpool Alumni Ambassador in Libya.

2005-2008.

Vice Chancellor of Al Fateh University.

Chairman of the committee of Postgraduate studies at Al Fateh University.

Chairman of the committee of Teaching Staff Affairs at Al Fateh University.

09/1999- 07/2007.

Dean of the Faculty of Veterinary Medicine, Al Fateh University, Tripoli, Libya.

Consultant at the National Committee for the Eradication Program of Bovine Tuberculosis and Brucellosis.

Member of the Board of Directors of the Animal Health and Welfare Research Center, Tripoli, Libya.

Member of the committee for control and eradication of foot and mouth disease in cattle at the National Center of Animal Health and Welfare.

Member of the National Supreme Committee for registration of drugs and pharmaceutical companies.

Member of the National Committee for the control of avian influenza.

Member of a committee for the development of curriculums for the medical faculties at Libyan Universities.

Member of the working team at the National Committee of Bioethics and Biosecurity.

Professor at Department Of Veterinary Microbiology and Parasitology.

1996-1999.

Vice Dean of the Faculty of Veterinary Medicine.

Head of Department of Vet. Microbiology and Parasitology.

Assistant Professor at Department of Vet. Microbiology and Parasitology.

1986-1987. Teaching Assistant at Department of Veterinary Microbiology and Parasitology.

### **Member of the Editorial Boards of the following Journals:**

Journal of Camel Practice and Research.

Journal of Bacteriology Research.

Journal of Microbiology and Antimicrobials.

Open Veterinary Journal.

### **Scientific Communications and Publications:**

Azwai, S. M. (1987). A preliminary study of human brucellosis in Tripoli area. *Proceedings of the Third Medical Conference of the General Arab Veterinary Union*, p 29-32, 10-15<sup>th</sup> October, Benghazi, Libya.

Azwai, S. M., Gameel, S. E. A. M., Saltani, H., Gammoudi, F. and Mohamed, S. O. (1990). Note on cholesterol, glucose, urea and total protein concentration in serum of normal camels. *Camel News Letter*, **7**, 94-99.

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Mohamed, S. O., Gameel, S. E. A. M., Azwai, S. M. and Rayes, H. M. (1992). A preliminary survey for the detection of *Brucella* antibodies in sera of domestic animals in Libya. *Zagazig Veterinary Journal*, **20**, 193-195.

Azwai, S. M. and Nayil, A. A. (1992). Aerobic bacteria associated with clinical ovine mastitis in Libya. *Libyan Veterinary Medical Journal*, **1**, 104-119.

Gameel, S. E. A. M., Azwai, S. M. and Saltani, A. M. (1992). Studies on some serum constituents of camels in Libya. *Libyan Veterinary Medical Journal*, **1**, 120-128.

Gammoudi, F. T., Mohamed, S. O., Azwai, S. M. and Gameel, S. E. A. M. (1992). A case of mastitis in a she camel caused by *Geotrichum candidum*. *Libyan Veterinary Medical Journal*, **1**, 134-136.

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- Azwai, S. M. and Carter, S. D. (1993). The purification and classification of camel IgG and IgM and production of monoclonal antibodies. *British Society for Immunology*, Spring meeting, 14-16<sup>th</sup> April, University of Liverpool, U.K.
- Azwai, S. M., Carter, S.D. and Woldehiwet, Z. (1993). The isolation and characterization of camel (*Camelus dromedarius*) immunoglobulin classes and subclasses. *Journal of Comparative Pathology*, **109**, 187-195.
- Cadman, H. F., Kelly, P. J., Dikanifura, M., Carter, S. D., Azwai, S. M. and Weight, E. P. (1994). Isolation and characterization of serum immunoglobulin classes of the ostrich (*Ostruthio camelus*). *Avian Diseases*, **38**, 616-620.
- Azwai, S. M., Carter, S. D. and Woldehiwet, Z. (1995). Monoclonal antibodies against camel (*Camelus dromedarius*) IgG, IgM and light chains. *Veterinary Immunology and Immunopathology*, **45**, 175-184.
- Azwai, S. M., Carter, S. D. and Woldehiwet, Z. (1995). Immune responses of camel (*Camelus dromedarius*) to contagious ecthyma (orf) virus infection. *Veterinary Microbiology*, **47**, 119-131.
- Azwai, S. M., Carter, S. D. and Woldehiwet, Z. (1995). Camel immune responses and infectious diseases. *Association of Veterinary Teachers and Research Workers (AVTRW)*. 11-13<sup>th</sup> April, Scarborough, England.
- Azwai, S. M., Carter, S. D. and Woldehiwet, Z. (1995). Serodiagnosis of brucellosis in the camel by ELISA. *Fourth International Veterinary Immunology Symposium*, p-175, 16<sup>th</sup> –21<sup>st</sup>, University of California, Davis, USA.
- Carter, S. D., Azwai, S. M. and Woldehiwet, Z. (1995). Camel Immunoglobulins: Structural abnormalities. *Fourth International Veterinary Immunology Symposium*, p-248, 16<sup>th</sup> –21<sup>st</sup>, University of California, Davis, USA.
- Azwai, S. M., Carter, S. D., Woldehiwet, Z. and Wernery, U. (1996). Serology of *Orthopoxvirus cameli* infection in dromedary camels: analysis by ELISA and Western blotting. *Comparative Immunology, Microbiology and Infectious Diseases*, **19**, 65-78.
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- Azwai, S. M., Carter, S. D., Woldehiwet, Z. and MacMillan, A. (1997). Comparison of ELISA with other serological tests in the field diagnosis of camel brucellosis. *International Symposium on Diagnosis and Control of Livestock Diseases using Nuclear and Related Techniques "Towards Disease Control in the 21<sup>st</sup> century"*. 7-11<sup>th</sup> April, Vienna, Austria.
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- Azwai, S. M., Carter, S. D., Woldehiwet, Z. and MacMillan, A. (1997). Evaluation of serological tests for the diagnosis of *Brucella* infection of camels. *14<sup>th</sup> Congrès Vétérinaire Maghrébin*, p-82, 6-8<sup>th</sup> May, Tripoli-Libya.
- El-Sherif, A. M., Essa, N. A. and Azwai, S. M. (1997). Studies on mycotic respiratory affections in calves. *14<sup>th</sup> Congrès Vétérinaire Maghrébin*, p-77, 6-8<sup>th</sup> May, Tripoli-Libya.
- El-Sheikh, A. R., Esmat, M. and Azwai, S. M. (1997). Electrophoresis profiles of serum proteins in calves with respiratory disorders. *14<sup>th</sup> Congrès Vétérinaire Maghrébin*, p-78, 6-8<sup>th</sup> May, Tripoli-Libya.
- Azwai, S. M. (1997). Camel immunobiology. (Guest lecture). *14<sup>th</sup> Congrès Vétérinaire Maghrébin*, 6-8<sup>th</sup> May, Tripoli-Libya.
- Kelly, P. J., Carter, S. D., Azwai, S. M. and Cadman, H. F. (1998). Isolation and characterization of immunoglobulin G and IgG subclasses of the African elephant (*Loxodonta africana*). *Comparative Immunology, Microbiology and Infectious Diseases*, **21**, 65-73.
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- Azwai, S. M., (1999). Immunoglobulins of the mammary secretions of the camels. *16<sup>th</sup> Congrès Vétérinaire Maghrébin*, p-29, 6-7<sup>th</sup> May, Marrakech, Maroc.
- Farhat, M. L., Azwai, S. M. and Rayes, H. M. (1999). Bacteriological studies of tuberculosis in slaughtered animals in Tripoli. *16<sup>th</sup> Congrès Vétérinaire Maghrébin*, 6-7<sup>th</sup> May, Marrakech, Maroc.
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- Azwai, S. M. (2003). A study of the normal microflora of the genital tract of she-camel (*Camelus dromedaries*). *20<sup>th</sup> Congrès Vétérinaire Maghrébin*, p-18, 8-9<sup>th</sup> May, Fés, Morocco.
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- Milad, K. K., Azwai, S. M., Abdul-Ridha, G. S. and Sawasi, O. K. (2005). The efficacy of fumigation of ostrich eggs on survival of hatched chicks. *22<sup>nd</sup> Congrès Vétérinaire Maghrébin*, p-75, 18-19<sup>th</sup> April, Tripoli, Libya.
- Carter, S.D. and Azwai, S. M. (2006). Camelid Immunology: A review, *The International Scientific Conference on Camels*, p-28, 9-11 May, Saudi Arabia.
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- Naas, H. T., Gammoudi, F. T., Garabaj, A. M., Azwai, S. M. and Moawad, A. A. (2007). Comparison between two different conventional methods for coliform count in raw milk and locally made soft cheese in Tripoli, Libya. *Benha Vet. Med. J.*, **18**,
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- Elgany, F.S. and Azwai, S. M. (2009). Detection and identification of avian Mycoplasma in one day old chick (broiler) in Libya. **XVI<sup>th</sup> World Veterinary Poultry Association Congress**, Marrakesh, Morocco, Nov. 8-12, 2009, pp 264.
- Elgany, F.S. and Azwai, S. M. (2010). Seroprevalence of *M. synoviae* and *M. gallisepticum* in one day old chick (broiler) in Libya. **10<sup>th</sup> Scientific Veterinary Medical Conference Zag. University, Luxor**, 10-13 Feb, 2010, 358-364.
- Elgany, F.S. and Azwai, S. M. (2013). Seroprevalence of *M. synoviae* and *M. gallisepticum* in one day old broiler chickens in Libya. *Journal of Animal and Poultry Sciences*, **2**, (1), 11-18.
- Alghazeer, R., Whida, F., Abduelrhman, E., Gammoudi, F. and Azwai, S. (2013). Screening of antibacterial activity in marine green, red and brown macroalgae from the western coast of Libya. *Natural Science*, **5**, 7-14.
- Azwai, S.M., Alfallani, E.A., Abolghait, S.K., Garbaj, A.M., Naas, H.T., Moawad, A. A., Gammoudi, F.T., Rayes, H.M., Barbieri, I. and Eldaghayes, I.M. (2016). Isolation and molecular identification of *Vibrio* spp. by sequencing of 16S rDNA from seafood, meat and meat products in Libya. *Open Vet. J.* **6** (1), 36-43.
- Garbaj AM, Awad EM, Azwai SM, Abolghait SK, Naas HT, Moawad AA, Gammoudi FT, Barbieri I, Eldaghayes IM (2016) Enterohemorrhagic *Escherichia coli* O157 in milk and dairy products from Libya: Isolation and molecular identification by partial sequencing of 16S rDNA, *Veterinary World*, **9** (11): 1184-1189.

Alghazeer, R., Elmansori, A., Sidati, M., Gammoudi, F., Azwai, S., Naas, H., Garbaj, A. and Eldaghayes, I. (2017). *InVitro* Antibacterial Activity of Flavonoid Extracts of Two Selected Libyan Algae against Multi-Drug Resistant Bacteria Isolated from Food Products. *Journal of Biosciences and Medicines*, **5**, 26-48.

H. T. Naas, Z. Almajdoubi, A. M. Garbaj, S. M. Azwai, F. T. Gammoudi, S. K. Abolghait, A. A. Moawad, .I. Barbieri, H. L. Eshamah and I. M. Eldaghayes. (2017). Molecular identification and antibiogram of Enterococcus spp. Isolated on enterococcus selective differential (ESD) media from meat, meat products and seafood in Libya. *J Microbiol Biotech Food Sci*, **6**, 1264-1268.

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### Books:

Azwai, S. M. & others (1990). Translation from English to Arabic language "Laboratory procedures in clinical veterinary bacteriology" by G. W. Osbaldiston.

Azwai, S. M. & others (1993). Practical study of medical bacteriology and mycology (in Arabic).