

<b>PERIOD</b>		<b>EMPLOYER</b>	<b>POSITION HELD</b>
<b>From</b>	<b>To</b>		
07/9/1981	30/8/1983	Veterinary Officer in-charge of Disease Control and Veterinary Feld Services in the then Marakwet Division of Keiyo-Marakwet District (Now Keiyo-Marakwet County).	Veterinary Officer
01/1984	11/1988	Bacteriology Diagnostic Laboratory Section Head, Central Veterinary Laboratory, Kabete, Ministry of Agriculture and livestock Development	Research Officer
<b>WORK EXPERIENCE</b>			
Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi		Lecturer in Poultry Health Management and Production since 1988 to date	Lectures and Practical sessions in Poultry Health Management and Production to both postgraduate and undergraduate Veterinary and Animal Science students.
International Livestock Centre for Africa (ILCA)		Livestock Research Officer for two years	Baseline survey on animal diseases in Group Ranches of Kajiado County, as part of the Animal Health Component of the Intensive and Extensive Studies of the Kenya Rangelands Systems Study Program carried out from 1984 to 1986

Poultry Clinic and Consultancy, Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi	Poultry Health and Production Consultant For over 20 years	<ul style="list-style-type: none"> <li>▪ Diagnosis, Treatment and Control of Poultry Diseases.</li> <li>▪ Development of Poultry Management and Biosecurity Plans.</li> </ul>
Kitui County	Livestock Consultant for 6 months	Was a member of the consortium that developed Kitui CIDP 2018-2022

## SUMMARY OF PROFESSIONAL EXPERIENCE

Dr Mahacla Omungála Odongo is a lecturer of Veterinary Microbiology. He majors in Veterinary Bacteriology and Mycology. He has extensively taught students of Bachelor of Veterinary Medicine, BSc in Biochemistry and Animal Science since 1988 at both Undergraduate and Postgraduate levels. Areas of specialization include Veterinary Bacteriology including Zoonoses like Brucellosis and Salmonellosis, Mycology and Immunology, Molecular Biology, and Poultry diseases He is also a Consultant in Bacteriology and Mycology Laboratory Diagnosis of Animal Diseases as well as Poultry Diseases in the Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi.. His current Research area is Animal Brucellosis..

## PUBLICATIONS

1. Bebora LC, Deng TA, Odongo MO. "META-ANALYTICAL REVIEW OF SOME STUDIES ON ANTIMICROBIAL RESISTANCE OF BACTERIA ISOLATED FROM ANIMALS AND ENVIRONMENT IN KENYA." *East African Medical Journal*. 2022;Vol. 99 (No 11):5329-5339
2. Bebora, L.C. and Odongo, M.O. 2020. Practical Bacteriology and Mycology Manual for Veterinary Students. **Lap Lambert Academic Publishing, Mauritius**.
3. Odongo, M.O., Bebora, L.C.; Kagunya, D.K.; Karaba, W; and Mbutia, P.G. 2020. Bacteriology and Mycology Handbook for Veterinary

students. **Lap Lambert Academic Publishing, Mauritius.**

4. Odongo, M.O., Mutuku, M.M., Mwirigi, M., Mwendwa, L. and Wambugu, A. 2013. Evaluation of the sensitivity and specificity of latex agglutination and complement fixation tests in the field diagnosis of contagious bovine pleuropneumonia. *Kenya Veterinarian*, **37(1)**: 44-50
5. Odongo, M.O. and Katana, P.K. 2012. Evaluation of the effectiveness of solar radiation for the disinfection of enteropathogenic E. coli contaminated water. *Kenya Veterinarian*, **36(1)**:18-25.
6. Odongo, M.O., Langat, D.P., Mande, J.D., Kitaa, J.M.A., Wasike, P.R., and Nduhiu, J. 2010. Prevalence of ringworm (Dermatophytosis) in dogs and cats submitted to the small animal clinic of the University of Nairobi between 2001 and 2012. *Kenya Veterinarian*, **36(1)**:26-35
7. Odongo, M.O., Ndungu, T.N., Mulei, C.M., Macharia, and Nduhiu, J. 2012. Prevalence rates of Microbial causes of bovine mastitis in the Kabete region of Kiambu County and its environs between 2001 and 2010. *Kenya Veterinarian*, **36(1)**:6-15
8. Odongo, M.O and Merekaje, G.I. 2008. A biotyping Scheme for Salmonella typhi. *Kenya Veterinarian*, **32(1)**: 18-25.
9. Odongo, M.O. and Kilonzo, E.M. 2008. Detection and enumeration of Coliforms and Escherichia coli in water. *Kenya Veterinarian*, **32(1)**: 7-17.
10. Odongo, M.O., J.D. Brooker, C. Bottema, and H. Ward. 2006. Cloning and Functional Characterization of an Endoglucanase Gene, celA From *Clostridium chartatabidum*. *Kenya Veterinarian*, **30(2)**: 37-52.
11. Odongo, M.O., L.C. Beboral, and G.S. Njoroge. 2005 Comparative evaluation of five Widal test kits used in Kenya for the serological diagnosis of typhoid fever. *Kenya Veterinarian*, **29**: 94-98.
12. Odongo, M.O. and J.D. Brooker. 2004. Can Waste Paper be used as Feed Supplement for Ruminant Livestock? *Kenya Veterinarian*, **27**: 36-44.
13. Wanyangu, S.W.; Angolio, A.; Macharia, S.; Litamoi, J.K. and Odongo, M.O. 1990. A Preliminary Serological survey for leptospiral agglutinins in sheep and goats in Kenya. *East African Agricultural and Forestry Journal*, **56(1)**: 15-19.
14. Odongo, M.O., McLaren, I.M., Smith, J.E. and C. Wray. 1990. A biotyping Scheme for *Salmonella livingstone*. *British Veterinary journal*, **146**:175-79.
15. Odongo, M.O. and D'Souza, C. 1989. Prevalence and treatment of Bovine Parasitic Otitis in Olkarkar group ranch of Kajiado District, *Kenya. Bulletin of Animal Health and Production in Africa*, **37**: 191-194.
16. Odongo, M.O. and Ambani, A.I.A. 1989. Bacteriological Analysis of Bovine milk samples submitted to the Veterinary Research Laboratory, Kabete, Kenya between 1981 and 1985. *Bulletin of Animal Health and Production in Africa*, **37**: 195-196.

## **POSTER PRESENTATIONS**

1. Odongo, M.O. and J.D. Brooker. 1997. Characterization of a gene encoding endo-1,4-b-Glucanase from a cellulolytic ruminal bacterium, *Clostridium chartatabidum*. PROCEEDINGS OF THE AUSTRALIAN SOCIETY FOR MICROBIOLOGY, “FESTIVAL OF MICROBES”, *Australian Microbiology Society Journal*, **18 (4)**: A 121.
2. Odongo, M.O. and J.D. Brooker. 1996. The cellulolytic enzyme system of a strictly anaerobic ruminal bacterium, *Clostridium chartatabidum*. PROCEEDINGS OF THE AUSTRALIAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY VOL. 28 AT THE NATIONAL CONVENTION CENTRE, CANBERRA, AUSTRALIA (28TH SEPTEMBER. TO 2ND OCTOBER 1996).

## **WORKSHOPS ATTENDED**


1. 25-27th February 2020- Poultry Training workshop for ILRI staff on the various aspects including anatomy, physiology, Laboratory diagnosis of poultry diseases, sample collection, inoculation routes, post-mortem techniques, Laboratory Biosafety and Biosecurity and Animal Welfare at the Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi, Nairobi County, Kenya. Participated as a Trainer.
2. 17th to 28th May 2021- Training Workshop for Two Cohorts of Kenyan Animal Health Laboratory Staff on Isolation and identification of *E. coli*, *Salmonella*, **Enterococcus** and *Campylobacter*, and Antimicrobial Susceptibility Testing; for Fleming fund (Antimicrobial Resistance Active Surveillance Program), in collaboration with ILRI, held at department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi. . Participated as a Trainer.
3. July 5th-6th 2021- Antimicrobial Resistance (AMR)-One Health Mentoring Scheme Validation Workshop at Naivasha Resort, Nakuru County. Participant.
4. February 24th to 4th March 2022- Turkana County Staff training Workshop in Laboratory Microbiological Techniques including QA and QC, Biosafety and Biosecurity at the Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi. Participated as a Trainer.
5. 12<sup>th</sup> September to 31<sup>st</sup> October 2022- Workshop on Development and Validation of SOPs Manual for Antimicrobial Resistance (AMR) Active Surveillance Program on Sample Collection, Processing and Isolation and Identification, and Antimicrobial Susceptibility Testing of *Campylobacter*, *E. coli*, *Salmonella* and *Enterococcus*, held at ILRI, Nairobi, Kenya. Participated as a Trainer; Produced and Validated the SOPs Manual.
6. 10<sup>th</sup> to 14<sup>th</sup> October 2022- Antimicrobial Resistance (AMR) Active Surveillance Training Workshop in Collaboration with ILRI,

on Sample Collection, Processing and Isolation and Identification, and Antimicrobial Susceptibility Testing of *Campylobacter jejuni*, *E. coli*, *Salmonella* and *Enterococcus* , at the National Veterinary Laboratory, Kabete, Kenya. Participated as a Trainer.

**RESEARCH INTERESTS**

1. Currently engaged as a Researcher cum PhD student in a MUSTISECTORAL STRATEGY FOR THE CONTROL OF BRUCELLOSIS IN EAST AFRICA (MUSBCEA) project (from 2020 to date), where I am looking at the Sero- and Molecular Prevalences and Spatial Distribution of Livestock Brucellosis in the two pastoral Counties of Narok and Kajiado in Kenya.

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

	
<i>Signature of Staff member</i>	<i>13/03/2023</i>