

DR ODONGO'S CURRICULUM VITAE



Name of Staff: DR MAHACLA OMUNG'ALA ODONGO

Date of Birth: 23/01/1956

Nationality: KENYAN

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Academic Background

INSTITUTION	CERTIFICATEDEGREE OBTAINED	DATE OF OBTAINMENT
University of Nairobi	Doctor of Philosophy (PhD)	2025
University of Surrey, UK	Master of Science (MSc)	1987
University of Nairobi, Kenya	Bachelor of Veterinary Medicine (BVM)	1981
Kijabe High School	East African Advanced Certificate of Education (EAACE)	1976
Aquinas High School, Nairobi	East African Certificate of Education division 1 (EACE)	1974
St. John's Primary School, Nairobi	Certificate of Primary Education (CPE)	1970

Membership of Professional Associations:

1. Registered with the Kenya Veterinary Board

LANGUAGE	PROFICIENCY (In speaking, reading and writing)
English	Speaking, reading and writing
Swahili	Speaking, reading and writing

Employment Record

PERIOD		EMPLOYER	POSITIONS HELD
From	To		
12/1988	Date	University of Nairobi	Lecturer
01/1984	11/1988	Ministry of Livestock Development, Research, Science and Technology	Veterinary Office I
09/1981	12/1983	Ministry of Livestock Development	Livestock Development Officer II
01/1984	11/1988	Central Veterinary Laboratory, Kabete, Ministry of Agriculture and livestock Development	Research Officer

Work Experience			
Station/Organization	Position	Duties/Responsibilities	
Department of Veterinary Pathology,	Lecturer in Poultry Health Management	Lectures and Practical sessions in Veterinary Bacteriology, Mycology, Immunology &	

Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi	and Production since 1988 to date	Vaccinology, Diagnostic Pathology, Laboratory Biosecurity & Safety, Applied Molecular Biology, and Poultry Health Management and Production to both postgraduate and undergraduate Veterinary, Wildlife Management & Conservation, and Biochemistry 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"> ▪ Diagnosis, Treatment and Control of Poultry Diseases. ▪ Development of Poultry Management and Biosecurity Plans.
Kitui County	Livestock Consultant for 6 months	Was a member of the consortium that developed Kitui CIDP 2018-2022
Fleming Fund AMR Phase I and II Project	Laboratory Consultant & Trainer from 2021 to date	Train Laboratory Technologists conducting active AMR Surveillance in Laboratory Techniques for Isolation, Identification & Antimicrobial Sensitivity Testing

Summary of Professional Experience

Dr. Mahacla Omung'ala Odongo is a lecturer in the department of Veterinary Pathology, Microbiology & Parasitology, Faculty of Veterinary Medicine, University of Nairobi, Kenya. He has 37 years of teaching at both undergraduate and postgraduate levels in Veterinary Bacteriology, Mycology, Immunology, Laboratory Biosafety & Biosecurity, Molecular Biology and Poultry Health and Pathology. He also supports the Department in diagnostic services in Veterinary Microbiology and Poultry Diseases. His areas of specialization include Veterinary Microbiology and Immunology, Mycology, Laboratory Safety & Biosecurity, Molecular Biology, and Poultry diseases. Dr. Odongo previously worked for the Department of Veterinary Services as a field Veterinary Officer for 3 years, and later at the Central Veterinary Laboratory, where he was in-charge of Bacteriology, Mycoplasma, and Serology units for 5 years before embarking on his Teaching career at the University of Nairobi. Dr. Odongo has published 26 articles in peer reviewed journals, and two books in Veterinary bacteriology. His research interests include: Antimicrobial resistance, Epidemiology and Biology of zoonotic bacteria, and Molecular Biology.

Publications

1. Deng, Tino A., Bebora, Lilly C., Odongo, Mahacla O., Muchemi, Gerald Karuki, Samuel, Gathumi, Peter K., Antimicrobial Resistance Profiles of E. coli Isolated From Pooled Samples of Sick, Farm, and Market Chickens in Nairobi County, Kenya, **Veterinary Medicine International**, **2024**, 9921963, 8 pages, 2024. <https://doi.org/10.1155/2024/9921963>
2. Odongo MO, Bebora LC, Gathumbi JK, Aboge GO, Waiboci LW, Erume J. Serological and Molecular prevalence of brucellosis in livestock of Narok County, Kenya. **Journal of Research in Veterinary Sciences**, **2024**; **3(4)**: 103-111. [doi:10.5455/JRVS.20240620081931](https://doi.org/10.5455/JRVS.20240620081931)
3. Odongo MO, LCB, JKG, GOA, LWW, Erume J. Seroprevalence and spatial distribution of livestock brucellosis using three serological tests in Kajiado County, Kenya. *Open Vet J.* 2023; 13(12): 1583-1596. [doi:10.5455/OVJ.2023.v13.i12.8](https://doi.org/10.5455/OVJ.2023.v13.i12.8)
4. Bebora, L.C. and Odongo, M.O. 2020. Practical Bacteriology and Mycology Manual for Veterinary Students. **Lap Lambert Academic Publishing, Mauritius**.
5. Odongo, M.O., Bebora, L.C.; Kagunya, D.K.; Karaba, W; and Mbuthia, P.G. 2020. Bacteriology and Mycology Handbook for Veterinary students. **Lap Lambert Academic Publishing, Mauritius**.
6. 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
7. 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.
8. 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
9. 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
10. Odongo, M.O and Merekaje, G.I. 2008. A biotyping Scheme for Salmonella typhi. **Kenya Veterinarian**, **32 (1)**: 18-25.
11. Odongo, M.O. and Kilongo, E.M. 2008. Detection and enumeration of Coliforms and Escherichia coli in water. **Kenya Veterinarian**, **32 (1)**: 7-17.
12. 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.
13. Odongo, M.O., L.C. Bebora1, 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.
14. Odongo, M.O. and J.D. Brooker. 2004. Can Waste Paper be used as Feed Supplement for Ruminant Livestock? **Kenya Veterinarian**, **27**: 36-44.

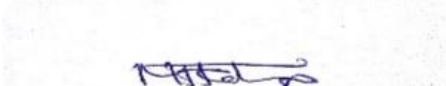
15. Wanyangu, S.W.; Angolio, A.; Macharia, S.; Litamoi, J.K. and Odongo, M.O. 1990. A Preliminary Serological survey for leptospiral agglutinins in sheep and goats in Kenya. **East African Agricultural and Forestry Journal**, **56 (1)**: 15-19.
16. Odongo, M.O., McLaren, I.M., Smith, J.E. and C. Wray. 1990. A biotyping Scheme for *Salmonella livingstone*. **British Veterinary journal**, **146**:175-79.
17. 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.
18. 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).

CERTIFICATION:

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.

	
Signature of Staff member	22/07/2025