

CURRICULUM VITAE: DR FREDRICK MALOBA

PROFESSIONAL QUALIFICATION

- 2012-2017 : PhD in Parasitology, Kenyatta University-
2007 - 2010 : Masters in Veterinary Epidemiology and Economics (MVEE),
University of Nairobi
1997 – 2002 : Bachelor of Veterinary Medicine (B.V.M), University of Nairobi

PROFESSIONAL SKILLS AND / OR EXPERTISE

Lecturer

Oct 2014- Date

Department of Zoological Sciences and Animal Sciences Kenyatta University.
Supervision of PhD, masters and undergraduate projects Teaching
Parasitology and related units. Currently supervising students in
STH, schistosomiasis, malaria and other parasitology projects

Research Scientist

Feb 2004-Sept 2014-Institute of Primate Research,

Head of pathology and Diagnostic -Institute of primate Research
2006-2014

CONFERENCES AND WORKSHOPS

14th- 17th December 2021 Workshop on research proposal training and development
workshop for early career researchers, in Nairobi, Kenya

8th Sept 2021 **WHO webinar** to launch the new tools for the control of
Taenia solium organized by the Department of Neglected
Tropical Diseases,

27-28 July 2021 **WHO webinar** briefing NTD experts on country NTD
master plan framework for development technical support',

22-24th Oct 2019 **Workshop on** Induction of new SCH/STH experts and
briefing of selected NPOs on SCH optimization
implementation, Brazzaville, Congo

11-12th July 2019	Presenter, workshop on Improving productivity of poultry and porcine production systems, Nairobi, Kenya
20th-30th May 2019	Workshop on sustainability and health promotion- from global view to local solutions, Nairobi, Kenya
18th-22nd June 2018	Trainer-Workshop on lab animal care and handling at Kenyatta University, Nairobi, Kenya
19th-24th Sept 2016	Workshop on Kenyan biology of pathogens, pathogenesis and parasitism (KENBOP 3) held in Kilifi, Kenya.
22-26th August 2016	Conference Society for the Advancement of Science in Africa, conference at Kenyatta University, Nairobi, Kenya.
14th -26th Sept 2015	Workshop on “Advanced neuroscience school on neglected tropical neurological diseases and conditions: current understanding and methodological approaches- held in Kinshasa – Congo.
1st -12th June 2015	Trainer – Workshop on Mapping of Neglected Tropical Diseases – Port Louis, Mauritius
6th March 2015	Conference –Kenya Veterinary Association 13 th Scientific conference and AGM-Nairobi, Kenya
19th -20th Feb 2015	Trainer –workshop Stakeholders workshop on zoonotic parasites in Non-human Primates in Tana River, Kenya
16th Dec 2014	Workshop-Trainer Kenya Veterinary Association – Nairobi, Kenya
1st -4th Dec 2014	Conference -9 th Federation of African Immunological Societies, Nairobi
2nd -6th June 2014	Workshop on Regional Neglected Tropical Diseases mapping planning in Gaborone, Botswana
18th -21st Nov 2013	Workshop on General Primate behavior, husbandry and training of laboratory Primates at German Primate Centre in Gottingen, Germany.
25th-27th Oct 2012	Workshop on NTD mapping – Lusaka Zambia
18th -20th June 2012	Conference ; East African Neuroscience conference

23 rd April-11 th May 2012	GIS training held at Institute of Primate Research
7 th -18 th March 2011	Workshop organizer/ trainer: immunology and major tropical parasitic diseases, held at the institute of Primate research, Nairobi
7 th -10 th Sept 2010	Conference; The Neurosciences in East Africa Annual conference 2010, 1 st annual Neurosciences Conference, Nairobi, Kenya
9-13 th Aug 2010	Workshop ; Effective scientific communication and publishing organized by Training centre in communication, Nairobi, Kenya
6 th -8 th July 2010	Conference ; Institute of Primate Research's 18 th International Biomedical Research Conference, Nairobi, Kenya.
31 st Aug-5 th Sept 2009:	Training; IBRO School of Neuroscience Neurophysiology and diseases of the nervous system Nemba Training Centre and Hospital, Ruhengeri, Rwanda
17 TH -19 TH Sept. 2008 :	Conference; 6 th Biennial Scientific conference and exhibition of Faculty of Veterinary Medicine, Nairobi University, Nairobi. Kenya
14 th -15 th Nov 2007	Conference; Institute of Primate Research's 17 TH scientific conference Held in Nairobi, Kenya
24 TH –27 TH July 2007	Workshop on Effective Project Planning and Evaluation in Biomedical Research at Institute of Primate Research, Nairobi. Kenya
27 TH June – 1 ST July 2007	Workshop on Veterinary and Comparative Pathology held at Nairobi University

PUBLICATIONS

1. **Maloba Fredrick**, Mwangi Danson., Kagira John., Kivai Sternly, Ndeereh David, Ngotho. Maina, Gicheru Michael, Mbaruk Suleiman, Akinyi Mercy (2021). *Schistosoma mansoni* and soil transmitted helminths in olive baboons and potential zoonosis. *Veterinary Medicine and Science* . 2021;00:1–6. <https://doi.org/10.1002/vms3.495>

2. Areba G.O., Khalid R., Ngure R.M., **Maloba F.**, Nyaga N., Moseti K.O., Ngotho M., Wanyoko J.K., Karori S.M. and Wachira F.N.(2019). Neuroprotective Effects of Tea against Cadmium Toxicity. *Bioactive Compounds in Health and Disease 2019*; 2(12): 230-246
3. Oduor Joseph M. Ochieng, Nyamongo Onkoba, **Maloba Fredrick, F.**, Arodi Washington Ouma & Nyachieo Atunga (2016). Efficacy of environmentally obtained lytic *Staphylococcus aureus* bacteriophage against multi-drug resistant *Staphylococcus aureus* in mice *Journal of Infection in Developing Countries*; 10(11):1208-1213.
4. **Fredrick M**, Danson M, John K4, Sanslaus K, David N, Michael G, Suleiman M, Maina N and Mercy A. Zoonotic Hemoparasites of Baboons (*Papio Anubis*) at the Human-Wildlife Interface in Kenya. *Int J Zoo Animal Biol* 2019, 2(7): 000172.
5. Mwangi K. Danson, Akinyi Mercy, **Maloba Fredrick**, Ngotho Maina, Kagira John, Ndeereh David, and Kivai Stanislaus (2016). 'Socioeconomic and Health Implications of Human—Wildlife Interactions in Nthongoni, Eastern Kenya. *African Journal of Wildlife Research*; 46, (2): 87-102
6. Oduor Joseph M. Ochieng, Nyamongo Onkoba, **Maloba Fredrick, F.**, Arodi Washington Ouma & Nyachieo Atunga (2016). Efficacy of environmentally obtained lytic *Staphylococcus aureus* bacteriophage against multi-drug resistant *Staphylococcus aureus* in mice *Journal of Infection in Developing Countries*. 10(11):1208-1213.
7. J.M.O. Oduor, W. Nyamongo Onkoba, **F. Maloba**, W. Ouma Arodi, N. Atunga, F.I. Onditi (2016). Safety and therapeutic efficacy of staphylococcus aureus specific lytic phage against multidrug-resistant *S.aureus* (MDRSA) in BALB/c mice: A prospective study. *International Journal of infectious diseases*. 45, (1): 108
8. Faith I. Onditi, Onkoba W Nyamongo, Charles O Omwandho, Naomi W Maina, **Fredrick Maloba**, Idle O Farah, Christopher L King, Julie M Moore and Hastings S Ozwara (2015). Parasite accumulation in placenta of non-immune baboons during *Plasmodium knowlesi* infection. *Malaria Journal* 14:118
9. Joshua M. Mutiso, John C. Macharia¹, Maria N. Kii¹, Peter M. Mucheru, Wycliffe N. Onkoba¹, **Fredrick C. Maloba**, Michael M. Gicheru. Leishmania parasite specific CD4⁺ synergizes and correlates positively with CD8⁺ T cells in the production of gamma interferon following immunization of the vervet monkey (*Chlorocebus aethiops*) model. *Scientia Parasitologica*; 14(1):7-19, 2013
10. **Maloba Fredrick C.**, Maina Ngotho and Kalaria Rajesh: Glial Cells response during human african trypanosomiasis infection. *Scientia Parasitologica* 13(4):145-152, 2012

11. **Maloba F**, Kagira J M, Gitau G, Ombui J, Hau J, Ngotho M. Astrocytosis as a biomarker for late stage human African trypanosomiasis in the vervet monkey model. *Scientia Parasitologica* 12(2):53-59, 2011
12. **Fredrick Maloba**, David Ndeere, Maina Ngotho, John Kagira, Danson Mwangi Kareri, Stanslaus Kivai and Mercy Akinyi. The role of leucocytes in baboons naturally infected with *Hepartocystis*. 9th Federation of African Immunological societies (FAIS) conference 1-4th Dec 2014. Pg 58
13. Ngotho M., Kagira J.M., Gaithuma A.K., Kariuki C.K., Akinyi M.Y., **Maloba F.**, Mwaliko V.M., Karanje S.M. and Maina N.M. "A robust and improved model of human African trypanosomiasis. XII international conference on parasitology ICOPA Melbourne, Australia, 15-20 Aug 2010. pg 39-46
14. **Maloba F.C.** Kinayanjui C.K. Mulei I. and Ngotho M. Assessment of gastrointestinal (GIT) parasites of wild trapped baboons during quarantine. *Precedings of Institute of Primate Research's 17th Scientific conference* pg 65. 2007
15. **Maloba F.** Waititu K. Ngotho J.M. Kanui T.I. Wambugu S.N. Towett P.K. Kiama S.G. "Faecal parasites found in the hinge back tortoise (*Kinixiys spekii*). *Proceedings of the University of Nairobi's sixth biennial scientific conference and exhibition.* pg 24, 2008
16. **Maloba F.** Ngotho M. Gitau G and Ombui J. "Cerebrospinal fluid response as a means of Predicting late stage human African trypanosomiasis in the monkey model" *Proceedings of Institute of Primate Research's 18th International Biomedical Research Conference.* Pg 85 2010
17. Jeneby M, Kisrikoi G, **Maloba F.** and Ngotho M. "Prevalence and treatment of hemoprotozoa infecting baboons" *Proceedings of Institute of Primate Research's 18th International Biomedical Research Conference.* Pg 56 2010.