



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: PROF DORCAS SYOKUI YOLE

Faculty:	Applied Sciences and Technology
School:	Biological and Life Sciences
Department:	Applied and Technical Biology
Current Designation:	Professor, DEPARTMENT OF BIOLOGICAL AND LIFE SCIENCES
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Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	Biology	University of York(United Kingdom)	1995
Masters of Science (M.Sc.)	Parasitology	University of Nairobi(Kenya)	1892
Bachelor of Science (BSc)	SCIENCE	University of Nairobi(Kenya)	1986
A Level/Equivalent	Kenya Advance Certificate of Education	Alliance Girls High School(Kenya)	1981
O level/Equivalent	East Africa Advance Certificate of Education	Precious Blood Secondary School Kilungu(Kenya)	1979

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
January 2014 - TO DATE	Technical University of Kenya	Director, School of Biological and Life Sciences
November 2013 - TO DATE	National Commission for Science, Technology and Innovation	Reviewer (National & International proposals)
February 2012 - TO DATE	Institute of Primate Research	Associate Research Scientist
December 2016 - TO DATE	National Research Fund	Reviewer (National & International proposals)
June 2006 - TO DATE	World Health Organization	Trainer of Trainers, Effective Project Planning and Evaluation for Biomedical Research
April 2001 - TO DATE	World Health Organization	Trainer of Trainers, Good Laboratory Practice
December, 2014 - TO DATE	Technical University of Kenya	Professor
September 2010 - September 2011	Mount Kenya University	Part-time Lecturer
October 1989 - September 1990	University of York	Research Assistant
August 2019 - November 2019	Technical University of Kenya	Chair, Policy Development Team
February 2009 - May 2010	University of Nairobi	Lecturer (Sabbatical)
April 1999 - May 2005	Institute of Primate Research	Head, Parasitology Department
July 1999 - May 2005	Institute of Primate Research	Chairperson, Institutional Scientific and Ethical Review Committee
November 1999 - May 2005	Institute of Primate Research	Chairperson, IPR Marketing Committee
October 2002 - July 2012	University of Nairobi	Part-time Lecturer
January 2012 - January 2014	Technical University of Kenya	Director, Campus Outreach Programmes
September 2012 - December 2014	Technical University of Kenya	Deputy Chair, Gender Committee
December, 2011 - December 2014	Technical University of Kenya	Associate Professor
July 2003 - December 2011	World Society for the Protection of Animals	Member, Scientific Advisory Panel
March 1989 - December 2011	Institute of Primate Research	Research Scientist
September 2010 - April 2012	Kenya Methodist University	Part-time Lecturer
5 February 2000 - 27 February 2000	Uppsala University	Visiting Scientist
October 2007 - 2008	Jomo Kenyatta University of Agriculture and Technology	Part-time Lecturer

GENERAL STATEMENT ON RESEARCH AREAS

Vaccine development in Schistosomiasis, Drug development for Schistosomiasis based on herbal extracts, Development of molluscicides against the snail intermediate host of Schistosoma based on herbal extracts, Integrated approach in control of neglected parasites and Co-infections

Committed to development of interventions for tropical diseases

CURRENT RESEARCH PROJECTS

Co-infection studies	Parasitology and Immunology
Evaluation of Molluscicidal Activity on schistosomes intermediated hosts, of Selected Medicinal Plants in Kenya	Parasitology, Phytochemistry
Evaluation of Antischistosomal Activity of Selected Medicinal Plants in Kenya	Immunology, Parasitology, Phytochemistry
Vaccine development for Schistosomiasis	Immunology and Parasitology
Co-infection studies	Parasitology and Immunology

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Okonjo Edward, Yole Dorcas , Eric Korir, Nguu Edward, Anyango Beatrice and Ogoyi Dorington (2015). Detection of proteins induced in the haemolymph of Biomphalaria pfeifferi infected with Schistosoma mansoni. Journal of Applied Bioscience 88:8211-8222.	View online	
Kennedy Muna Kuria, Dorcas Yole and Mbaruk Abdalla Suleiman (September, 2015). Brine Shrimp Lethality Test of Soluble Proteins from Biomphalaria pfeifferi Snail as Preliminary for Vaccine Development Schistosoma mansoni. American International Journal of Research in Science, Technology, Engineering and Mathematics. pp 104-107. ISSN (Online) 2328-3580)	View online	
Elizabeth Syombua Michael, Dorcas Yole , Mutie Fredick Musila, Hellen Kutima, Patrick Kareru (2013). Assessment of molluscidal, Cercaricidal and Miracidial Activities of Crude Extracts of Azadirachta indica and Entada leptostachya. Journal of Biology, Agriculture and Healthcare. Vol.3. No.5	View online	
Kennedy Muna Kuria, Dorcas Yole and Mbaruk Abdalla Suleiman (September, 2015). Brine Shrimp Lethality Test of Soluble Proteins from Biomphalaria pfeifferi Snail as Preliminary for Vaccine Development Schistosoma mansoni. American International Journal of Research in Science, Technology, Engineering and Mathematics. pp 104-107. ISSN (Online) 2328-3580)	View online	
Moilo J.M., Keriko J.M., Yole D.S. & Mkoji G.M. (2014). Determination of Anti-schistosomal Finger Profiles of Chenopodium ambrosoides Crude Extracts in BALB/c Mice Using Thin Layer Chromatography (TLC). Journal of Chemistry and Material Research. Paper accepted for publication	View online	
Allan L.A., Kutima H.L., Muya S., Ayonga D. & Yole D. (2014). The efficacy of a herbal drug, Schitozim over Praziquantel in management of Schistosoma mansion infection in BALB/c mice. Journal of Biology, Agriculture and Health. Vol. 4(1).	View online	
Naomi Waiganjo, Yole D, Ochanda H (2014). Immunological Responses of Mice after Treatment with Ocimum americanum hexane and Bridelia micrantha Water Plant Extracts. IORS Journal of Dental and Medical Sciences. Vol.13 (3):9-12	View online	
Naomi Waiganjo, Horace Ochanda, Dorcas Yole (2013). Phytochemical analysis of the selected five plant extracts. Chemistry and Materials Research. Vol. 3 No.9.	View online	
Kennedy Muna Kuria, Rebecca Waihenya and Dorcas Yole . (2012) Cellular responses against S. mansoni in immunized Balb/C mice with soluble proteins from foot and digestive gland of intermediate host; Biomphalaria pfeifferi. Tanzanian Journal of Health Research	View online	
Eunice Nkrote Kobia, Horace Ochanda and Dorcas Syokui Yole (2012).The effect of immunizing Swiss white mice with snail soluble proteins and challenging them with Schistosoma mansoni. The Internet Journal of Tropical Medicine. Volume 8: Issue	View online	
Penina Njoki Muchirah, Dorcas Yole , Hellen Kutima, Rebecca Waihenya, Kennedy Muna Kuria and Mokuu John (2012). Determination of effective praziquantel dose in different mouse strains: BALB/c and Swiss mice in treatment of Schistosoma mansoni. Journal of Clinical Immunology and Immunopathology Research. 4(2):12-21.	View online	
Purity N. Nguhiu, Claire N. Wamae, Japheth K. Magambo, Paul G. Mbutia, Daniel C. Chai, Dorcas S. Yole . (2012). "Gross and histopathological finding in Cercopithecus aethiops with experimental Cyclospora infection in Kenya". Pathology and Laboratory Medicine International. 4: 1-8.	View online	
Susy Muchika, Helen Lydia Kutima, Rosebellah Orangi Maranga, Dorcas Syokui Yole . (2011). "Antischistosomal effects of Solanum incanum and Carica papaya crude extracts on the parasite Schistosoma mansoni in vivo and in vitro. The Internet Journal of Tropical Medicine ISSN:1540-2681. Vol 7(2)	View online	
Nguhiu P.N., Wamae C.N., Magambo J.K., Yole D.S. (2011). Prevalence and Intensity of Gastrointestinal Parasites in 65 Wild Trapped Papio anubis (Olive Baboons) and 64 Cercopithecus aethiops (African green monkeys) in Kenya. The Kenya Veterinarian Vol.35 (1): 33-46.	View online	
Moilo J.M., Mkoji G.M., Yole D.S. & Keriko J.M. (2014). Determination of Chenopodium ambrosoides Crude Extracts on Worm Reduction, Gross Pathology & Histopathology in BALB/c Mice. Journal of Natural Science Research. Paper accepted for publication.	View online	
Naomi Waiganjo, Yole D. Ochanda H (2014). Antischistosomal activity of five plant extracts on Swiss white mice infected with Schistosoma mansoni. IORS Journal of Pharmacology and Biological Sciences. Vol.3(9):49-53	View online	
Nguhiu P.N., Wamae C.N., Magambo J.K., Yole S.D. (2012). The African Green Monkey (Cercopithecus aethiops) as a non-human primate model for infection with Cyclospora cayetanensis. Kenya Veterinarian Vol.36 (1)	View online	
Moilo J.M., Yole D.S. , Keriko J.M. & Mkoji G.M. (2014). Anti-schistosomal Activity of Chenopodium ambrosoides Extracts in Adult Worms in vivo and in vitro. Journal of Biology, Agriculture and Healthcare	View online	
John Mokuu Mose, Helen L. Kutima, Susy Muchika, Rebecca Waihenya, Dorcas S. Yole (2012). The Evaluation of the effect of an Aqueous and Methanol extract of Solanum incanum and on Schistosoma mansoni infected mice. Asian Journal of Pharmaceutical and Health Sciences. Vol 2 (1): 278-282	View online	
Kanyugo, M.S., Ozwara H.S., W.T. Mutahi, D.S. Yole (2009). Parasitological and immunopathological responses in mice with concomitant Schistosoma mansoni and Plasmodium berghei infections: The Internet Journal of Tropical Medicine. Vol 5(2).	View online	
Mungatana N.W.K., Ngure, R.M., Shitandi, A.A., Mungatana C.K., Yole, D.S. (2009). Effect of experimental Schistosomiasis mansoni infection on serum levels of iron, zinc and copper in the olive baboon (Papio anubis). African Journal of Biochemistry Research.Vol 3(4): pp 107-114.	View online	
Muchemi G.M. & Yole D.S. (2008). Humane methods of capture and care of non-human primates for Conservation and Biomedical research. UON Proceedings of the Sixth Biennial Scientific Conference and Exhibition.	View online	
P.N. Nguhiu, C.N. Wamae, J.K. Magambo, J. Mulei, K. Kigithome and D.S. Yole (2008). Prevalence of acid-fast staining protozoa in wild-trapped Olive baboon (Papio anubis) from Aberdare Forest, Kenya. Proceedings of 2008 JKUAT Scientific Technological and Industrialization Conference. pp:251-256.	View online	
M.M. Jeneby, M. Ngeiywa, D.S. Yole , J.M. Mwenda, M.A. Suleman, H.E. Carlson (2008). Enzootic simian piroplasm (Entoploypoides macaci) in wild-caught Kenyan non-human primates. Journal of Medical Primatology. Journal of Medical Primatology. Vol 37: pp 329-336.	View online	
Vincent K. Njoroge, Fred Nyundo, Moses Limo and Dorcas S. Yole (2007). A comparative study of Multiple versus Single infection doses of Schistosoma haematobium in Golden hamsters (Mesocricetus auratus). African Journal of Health Sciences Vol. 14 (3-4) 2007: pp. 187-194	View online	
D.S. Yole , Kennedy T. Shamala, K. Kithome, P.M. Wanjala and M. Gicheru (2007). Studies on interaction of Schistosomiasis mansoni and Leishmania major in experimentally infected BALB/c mice. (African Journal of Health Sciences).	View online	
NWK Mungatana, RM Ngure & DS Yole (2007). Acute Phase Response of Albumin and Haptoglobin in Experimental Infection of the Olive Baboon, Papio Anubis, with Schistosoma mansoni. Scandinavian Journal of Laboratory Animal Science.Volume 34 (2)	View online	
Nancy W.K. Mungatana, S. M. Kariuki, Dorcas S. Yole , Raphael M. Ngure (2006). Assessment Of The Acute Phase Response In Experimental Infection Of Mice With Schistosoma Mansoni. The Internet Journal of Tropical Medicine. 2006. Volume 3 (1): 119-126.	View online	
Dorcas S.Yole , Stephen K. Gikuru, Emmanuel O. Wango, Kiio Kithome, Simon Kiarie and Moses Limo (2006). Influence of age of mice on the susceptibility to murine schistosomiasis infection. African Journal of Health Sciences, 13 (1-2): 47-54	View online	
Thomas M. Kariuki, Govert J. Van Dam, Andre M. Deelder, Idle O. Farah, Dorcas S. Yole , R. A. Wilson and Patricia S. Couson (2006). Previous or Ongoing Schistosome Infections Do not Compromise the Efficacy of the Attenuated Cercariae Vaccine. Infection and Immunity, 74(7): 3979-3986	View online	
Dorcas S. Yole , Vincent O. Obanda., Kiio Kithome and Horace Ochanda (2005).The effect of vaccinating S. mansoni-infected BALB/c mice either before or after treatment. African Journal of Health Sciences, 12(3-4): 65-77.	View online	
Kariuki TM, Farah IO, Yole DS , Mwenda JM, van Dam GJ, Wilson RA, Deelder, AM, Wilson, RA and Coulson PS (2004). Parameters of the attenuated schistosome vaccine evaluated in the olive baboon. Journal of Infectious Immunity, 72(9):5526-9.	View online	
Kariuki TM, Farah IO, Yole DS , van Dam GJ, Wilson RA, and Coulson PS (2003). Vaccination, chemotherapy and chronic schistosome infection: a complex interaction. American Journal of Tropical Medicine and Hygiene, 69 (3). Abstract.	View online	
Farah I, Borjesson A, Kariuki T, Yole D , Suleman M, Hau J, Carlso HE (2003). Morbidity and immune response to natural schistosomiasis in baboon (Papio anubis). Parasitology Research.	View online	
Hastings Ozwara, Jan A.M. Langermans, Jeneby Maamun, Idle O. Farah, Dorcas S. Yole, Jason Mwenda, Horst Weiler and Alan W. Thomas(2003). Experimental Plasmodium knowlesi infection in the olive baboon (Papio anubis): severe disease is accompanied with cerebral involvement. American Journal of Tropical Medicine and Hygiene, 69 (2):188-94.	View online	
M.A. Suleman., D. Yole. , E. Wango., R. Sapolsky., K. Kithome., H.E. Carlsson and J. Hau (1999). Peripheral blood lymphocyte immunocompetence in wild African green monkeys (Cercopithecus aethiops) and the effects of capture and confinement. In vivo 70: 25-28.	View online	
D.S.Yole (1998). A simple method of preparing clean intact granulomas and granuloma cells from livers of definitive hosts infected with either Schistosoma mansoni or Schistosoma japonicum. Acta Tropical 70: 233-237.	View online	
D.S. Yole. , G.D.F. Reid and R.A. Wilson (1996). Protection against Schistosoma mansoni and associated immune responses induced in the vervet monkey Cercopithecus aethiops by the irradiated cercariae vaccine. Am. J. Trop. Med. Hyg. 54(13): 265-270.	View online	
D.S. Yole , R. Pemberton, G.D.F. Reid and R.A. Wilson (1996). Protective immunity to Schistosoma mansoni induced in the olive baboon Papio anubis by the irradiated cercariae vaccine. Parasitology 112: 37-46.	View online	

NAME	PROJECT TITLE	PERIOD
Penina Njoki Muchirah	MSc in Immunology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Comparison of Efficacious Praziquantel dose in different mouse strains, BALB/C and Swiss mice".	2010
Benjamin Kimeu	MSc in Biochemistry, Kenyatta University. Project title: "Molluscidal and Antischistosomal activities of Medicinal Plants used in Makueni, Machakos district".	2014
Lydia Mose	MSc in Applied Parasitology, University of Nairobi. Project title: "Evaluation of the effects of Azadirachta indica and Entada leptostachya against Schistosoma mansoni infection in BALB/c mice"	2013
Kennedy Muna	MSc in Immunology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Effect of immunizing BALB/c mice with snail, Biomphalaria pfeifferi, extracts and challenging with Schistosoma mansoni"	2011
Victor Odhiambo Magero	MSc in Medical Laboratory Science (Microbiology Option), Mount Kenya University. Project title: "The effect of extracts of selected plants on microscopic stages of S. mansoni."	2016
Edward Owiti Okonjo	MSc in Applied Parasitology, University of Nairobi. Project title: "Determination of induced proteins in the hemolymph of the snail Biomphalaria pfeifferi infected with Schistosoma mansoni"	2010
Michael Oduor	MSc in Parasitology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Survey of gastro-intestinal parasites in baboons, Papio anubis, maintained in the Institute of Primate Research Colony"	2011
Linda Alila	MPhil Public Health, Yale School of Public Health. Project title: "Evaluating the integration and dissemination of courses in project planning and management as part of the WHO/TDR-sponsored initiative, "Effective Project Planning and Evaluation in Biomedical Research".	2008
Kithome Kiio	MSc in Applied Parasitology, Kenyatta University. Project title: "Survey of gastro-intestinal parasites in Sykes monkeys at the Gede Museum Forest"	2009
Nancy Kariuki	MSc in Biochemistry, Egerton University. Project title: "The acute phase response in Schistosoma mansoni infection of baboon and mouse model"	2006
Humphrey Kariuki	MPhil in Parasitology, University of Nairobi. Thesis title: "Investigation of possible drug resistance to Metrofonate and Praziquantel in the Mazeras strain of Schistosoma haematobium".	2005
Stephen Gikuru	MSc in Biochemistry, Egerton University. Project title: "Parasitological, immunological and pathological and hormonal changes BALB/c mice infected with Schistosoma mansoni at pre- and post-puberty"	2000
Kennedy Muna	PhD (Medical Laboratory Sciences) Mount Kenya University. Project title: "Characterization of Biomphalaria pfeifferi soluble proteins that offer protection against Schistosoma mansoni in BALB/c Mice."	2016
Susy Muchika (Diseased)	PhD (Parasitology), Jomo Kenyatta University of Agriculture & Technology "Evaluation of Antischistosomal and Molluscicidal Activity of Selected Medicinal Plants in Kenya".	2017
Edward Okonjo	PhD (Parasitology), Technical University of Kenya. Project title: "Schistosomiasis transmission dynamics - a case study of Mwea irrigation scheme, Kenya"	2018
Tom Osebe	PhD (Zoology), University of Nairobi. Project title: "Chemical characterization of four antischistosomal plant extracts from Kenya"	2018
Benter Onyango	PhD (Parasitology), Technical University of Kenya. Project title: "Efficacy of selected Kenyan plant extracts against Biomphalaria pfeifferi, aquatic larvae of Schistosoma mansoni, Anopheles gambiae S.L and Aedes aegypti".	2018
Eunice Kobia	PhD (Zoology), University of Nairobi. Project title: "The effects of immunizing the Olive baboon, Papio anubis against Schistosoma mansoni with snail soluble proteins, and the characterization of the proteins".	2018
Rhoda Rehema Chai	PhD (Biology), Technical University of Kenya. Project title "Use of Geospatial Techniques to map the distribution of vervet monkeys in urban areas: Case study, Nairobi County"	Ongoing
Anastacia Nzau	PhD (Biology), Technical University of Kenya. Project title: "Integrated control of Leishmaniasis in Baringo District, Kenya".	Ongoing
Naomi Waiganjo	PhD (Zoology), University of Nairobi, Project title: "Antischistosomal effects of extracts of selected plants on BALB/c mice infected with Schistosoma mansoni".	2012
Esther Kagasi	MSc in Medical Laboratory Science (Haematology Option). Mount Kenya University. Project title: "Blood chemistry and cytokine profiles using ELISA and Flow cytometry in olive baboon infected with Schistosoma mansoni"	2016
Margaret Gacwe Kindiki	MSc in Applied Parasitology, University of Nairobi. Project title: "Molluscicidal activity of selected plant extracts"	2014
Elizabeth Syombua	MSc in Parasitology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Assessment of Molluscicidal Activity on Biomphalaria pfeifferi and Cercaricidal Activity by Extracts of Entada and Azidachrt indica".	2014
Agnes Ikolot Otwati	MSc in Applied Parasitology, Kenyatta University. Project title: "Effect of aqueous and ethanol extracts of Vernonia amygdalina and Harrisonia Abyssinia on Schistosoma mansoni miracidia, cercariae and snail Biomphalaria pfeifferi".	2017
Lynda Audrey Allan	MSc in Zoology (Immunology), Jomo Kenyatta University of Agriculture and Technology. Project title: "Comparison of a Schistosomiasis Herbal drug, STM, sold over-the-counter and PQZ in Schistosoma mansoni infection in BALB/c mice".	2014
Sarah Kanyugo	MSc in Applied Parasitology, University of Nairobi. Project title: "Pathology and Immune Responses in Mice with Concomitant Schistosoma Mansoni and Plasmodium Berghei Infections".	2008
Ombaso Oketch	MSc in Applied Parasitology, University of Nairobi. Project title: "Efficacy of herbal preparations, OB, OT and Ail in BALB/c mice infected with S. mansoni".	2007
Darlene Nyaboke Ayonga	MSc in Applied Parasitology, University of Nairobi. Project title: "Comparison of the effectiveness of different dosages of a Herbal medicine in the treatment of Schistosoma mansoni infection in BALB/c mice"	2014
Dorothy Opondo	MSc in Applied Parasitology, University of Nairobi. Project title: "Comparison of Proteins of Different Stages of S. mansoni and those of the foot and digestive gland of the snail host, Biomphalaria pfeifferi"	2010
Susy Muchika	MSc in Parasitology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Antischistosomal Effect of Medicinal Plants from Kakamega in BALB/C mice with S. mansoni infection"	2010
Mokua John Mose	MSc in Immunology, Jomo Kenyatta University of Agriculture and Technology. Project title: "Antischistosomal Activity of Medicinal Plants (Solanum incanum and Papaya carica) extracts from Kakamega in Laboratory Mice (BALB/c) infecter with Schistosoma mansoni "	2011
Eunice Kobia	MSc in Applied Parasitology, University of Nairobi. Project title "The effect of immunizing Swiss mice with soluble proteins from S. mansoni snail intermediate host, Biomphalaria pfeirri, followed by challenge".	2011
Vincent Njoroge	MSc in Biochemistry, Egerton University. Project title: "A comparative study of multiple versus single infection doses of Schistosoma haematobium in Golden hamsters (Mesocricetus auratus)".	2007
Bernedette Mukongolo	MSc in Applied Parasitology, University of Nairobi. Project title: "Onset of pathology of Schistosoma mansoni infection during pregnancy and extent of protection in offspring born to infected mothers".	2007
Vincent O. Obanda	MPhil in Parasitology, University of Nairobi. Theses title: "Comparing the effects of radiation-attenuated vaccine when administered either before or after Praziquantel treatment in Schistosoma mansoni infected BALB/c mice".	2005
Purity Nguhiu	PhD (Medical Parasitology & Entomology), Jomo Kenyatta University of Agriculture and Technology (Institute of Tropical Medicine and Infectious Diseases - ITROMID). Project title "Clinical-Epidemiology of Cyclospora spp in Kenyan Non-human primates: A laboratory model for cyclosporiasis"	2012
Joseph Moilo	PhD (Medical Parasitology & Entomology), Jomo Kenyatta University of Agriculture and Technology (Institute of Tropical Medicine and Infectious Diseases - ITROMID). Project title "Efficacy of crude preparation and extracts of Chenopodium ambrosoides against Schistosoma mansoni infection in BALB/c mice".	2006
Isabel Wairimu Kingori	PhD (Applied Parasitology), University of Nairobi. Project title: "The Efficacy of Treatment on Schistosoma mansoni, Schitosoma heamatobium and Soil Transmitted Helminths and its Effects on Antischistosome IgE Levels among Primary School Children in Taveta, Kenya".	2017
Benjamin Kimeu	PhD (Parasitology), Technical University of Kenya. Project title: "Development of Recombinase Polymerase Amplification for simultaneous diagnosis of S. mansoni and STH infections".	Ongoing
Elizabeth Syombua	PhD (Parasitology), Technical University of Kenya. Project title: "In vivo Antimalarial activity and Toxicity of Phytoconstituents of leaves of selected four Lippia species".	Ongoing
Lynda Allan	PhD (Biomedical Sciences), Technical University of Kenya. Project title "Assessment of Paediatric Intestinal Nematodes Infestation on Immunological Responses to Pneumococcal Conjugate Vaccine".	2022

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Immunology	Principles of Immunology and advanced Immunology	2012 - TO-DATE
Medical Parasitology (Protozoology, Helminthology and Vector Biology)	parasites of medical importance and the organisms which spread them	2010 - 2012
Immunology	mechanisms of body defence against infectious agents	2007 - 2008
Parasitology	single celled and multicellular parasites which cause infections	2007 - 2008
Parasitology	single celled and multicellular parasites which cause infections	2007 - 2008
Laboratory Animals	Animals used in the laboratory for experiments	2007 - 2008
Applied Immunology & Vaccine Design	Body defence mechanism and immunological interventions to the infections	2002 - 2012
Parasite Physiology & Principles of Chemotherapy	parasite structure and functions and how these can be utilized in development of drugs	2002 - 2012
Immunology	Body defence mechanisms against infectious agents	2002 - 2012
Physical Sciences	Chemistry and Physics	1998 - 2003
Introduction to Biological Sciences	Introduction to Biological Sciences	1998 - 2003
Medical Entomology & Protozoology	organisms which aid in spreading infections and the single celled infectious parasites.	2010 - 2011

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Associate Research Scientist	Institute of Primate Research