



Staff Resources

Names	Publications
Wallace Bulimo [1]	<ul style="list-style-type: none"> • Short Report: Clinical and Molecular Evidence for a Case of Buruli Ulcer (Mycobacterium ulcerans Infection) in Kenya [2]. • Trends in drug resistance codons in Plasmodium falciparum dihydrofolate reductase and dihydropteroate synthase genes in Kenyan parasites from 2008 to 2012 [3]. • Application of principal component analysis to multispectral-multimodal optical image analysis for malaria diagnostics. [4] • TparvaDB: a database to support Theileria parva vaccine development. [5] • Molecular Characterization and Phylogenetic Analysis of the Hemagglutinin 1 Protein of Human Influenza A Virus Subtype H1N1 Circulating in Kenya During 2007-2008 [6]. • Epidemiology of 2009 Pandemic Influenza A Virus Subtype H1N1 Among Kenyans Aged 2 Months to 18 Years, 2009-2010. [7] • Influenza Surveillance Among Children With Pneumonia Admitted to a District Hospital in Coastal Kenya, 2007-2010. [8] • The Role of Pfmdr1 and Pfcr1 in Changing Chloroquine, Amodiaquine, Mefloquine and Lumefantrine Susceptibility in Western-Kenya P. falciparum Samples during 2008-2011. [9] • Genetic Diversity of Human Enterovirus 68 Strains Isolated in Kenya Using the Hypervariable 39- End of VP1 Gene. [10] • Impact of Influenza A(H1N1)pdm09 Virus on Circulation Dynamics of Seasonal Influenza Strains in Kenya. [11] • Polymorphisms in Pfmdr1, Pfcr1, and Pfnhe1 Genes Are Associated with Reduced In Vitro Activities of Quinine in Plasmodium falciparum Isolates from Western Kenya. [12]
Dominic Makawiti [13]	<ul style="list-style-type: none"> • Interaction of benzoquinones with mitochondria interferes with oxidative phosphorylation characteristics. [14] • Changes in oestrone sulphate



	<p>concentrations in peripheral plasma of Pony mares associated with follicular growth, ovulation and early pregnancy. [15]</p> <ul style="list-style-type: none"> • Reduced Immune Complex Binding Capacity and Increased Complement Susceptibility of Red Cells from Children with Severe Malaria-Associated Anemia. [16] <p>Click To View More Publications [17]</p>
Nguu Edward [18]	<ul style="list-style-type: none"> • Unlocking the potential of tropical root crop biotechnology in east Africa by establishing a genetic transformation platform for local farmer-preferred cassava cultivars. [19]
Ochanda James [20]	<ul style="list-style-type: none"> • TparvaDB: a database to support Theileria parva vaccine development [21] • Antagonistic effect of alkaloids and saponins on bioactivity in the quinine tree (Rauvolfia caffra sond.): further evidence to support biotechnology in traditional medicinal plants. [22]
Omwandho Charles [23]	<ul style="list-style-type: none"> • Parasite accumulation in placenta of non-immune baboons during Plasmodium knowlesi infection [24] • Role of TGF-βs in normal human endometrium and endometriosis [25]
Francis Mulaa [26]	<ul style="list-style-type: none"> • Viral load, CD4+ T-lymphocyte counts and antibody titres in HIV-1 infected untreated children in Kenya: implication for immunodeficiency and AIDS progression. [27]
Christine Adhiambo [28]	<ul style="list-style-type: none"> • Establishing a malaria diagnostics centre of excellence in Kisumu, Kenya [29] • Reduced Immune Complex Binding Capacity and Increased Complement Susceptibility of Red Cells from Children with Severe Malaria-Associated Anemia [30]
Esther Gathoni [31]	<ul style="list-style-type: none"> • Survey of Hanganutziu and Deicher(HD) Antibody in Cancer Patients Attending Kenyatta National Hospital [32] • Characterisation of micro- and minisatellite DNA markers for genetic diversity analysis of the tick vector Rhipicephalus appendiculatus (Acari: Ixodida) [33] • Phylogeography and Demographic History of Amblyomma variegatum (Fabricius) (Acari: Ixodidae), the Tropical Bont Tick [34]
Nyachieo Atunga [35]	<ul style="list-style-type: none"> • Cyclospora papionis, Cryptosporidium hominis, and Human-Pathogenic



	Enterocytozoon bieneusi in Captive Baboons in Kenya [36] <ul style="list-style-type: none"> • Plasmodium falciparum genotyping by microsatellites as a method to distinguish between recrudescence and new infections [37]
Edward Kirwa [38]	<ul style="list-style-type: none"> • Predicted HIV-1 coreceptor usage among Kenya patients shows a high tendency for subtype d to be cxcr4 tropic [39]

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