



Dept of Biochemistry staff resources

Name	Publications
Prof. Dimbuson Wallace Bulimo [1]	<p>Genotyping of enteroviruses isolated in Kenya from pediatric patients using partial VP1 region. [2]</p> <p>Genetic diversity of human enterovirus 68 strains isolated in Kenya using the hypervariable 3'-end of VP1 gene. [3]</p> <p>Molecular characterization of human coronaviruses and their circulation dynamics in Kenya, 2009-2012. [4]</p> <p>Serotype and genetic diversity of human rhinovirus strains that circulated in Kenya in 2008. [5]</p> <p>Molecular characterization of human parainfluenza virus type 1 in infants attending Mbagathi District Hospital, Nairobi, Kenya: a retrospective study. [6]</p> <p>Impact of influenza A(H1N1)pdm09 virus on circulation dynamics of seasonal influenza strains in Kenya. [7]</p> <p>Epidemiology of 2009 pandemic influenza A virus subtype H1N1 among Kenyans aged 2 months to 18 years, 2009-2010. [8]</p> <p>Influenza surveillance among children with pneumonia admitted to a district hospital in coastal Kenya, 2007-2010. [9]</p> <p>A growing global network's role in outbreak response: AFHSC-GEIS 2008-2009. [10]</p> <p>Trends in drug resistance codons in Plasmodium falciparum dihydrofolate reductase and dihydropteroate synthase genes in Kenyan parasites from 2008 to 2012. [11]</p> <p>Whole genome characterization of human influenza A(H1N1)pdm09 viruses isolated from Kenya during the 2009 pandemic. [12]</p> <p>Training initiatives within the AFHSC-Global Emerging Infections Surveillance and Response System: support for IHR (2005). [13]</p> <p>Capacity-building efforts by the AFHSC-GEIS program. [14]</p> <p>Detection of avian influenza viruses in wild</p>



	<p>waterbirds in the Rift Valley of Kenya using fecal sampling. [15]</p> <p>Genetic analysis of H3N2 influenza A viruses isolated in 2006-2007 in Nairobi, Kenya. [16]</p> <p>Molecular characterization and phylogenetic analysis of the hemagglutinin 1 protein of human influenza A virus subtype H1N1 circulating in Kenya during 2007-2008. [17]</p> <p>Molecular characterization of the cytochrome b gene and in vitro atovaquone susceptibility of Plasmodium falciparum isolates from Kenya. [18]</p> <p>Polymorphisms in Pfmdr1, Pfcrt, and Pfnhe1 genes are associated with reduced in vitro activities of quinine in Plasmodium falciparum isolates from western Kenya. [19]</p> <p>The role of Pfmdr1 and Pfcrt in changing chloroquine, amodiaquine, mefloquine and lumefantrine susceptibility in western-Kenya P. falciparum samples during 2008-2011. [20]</p> <p>Application of principal component analysis to multispectral-multimodal optical image analysis for malaria diagnostics. [21]</p> <p>Short report: Clinical and molecular evidence for a case of Buruli ulcer (Mycobacterium ulcerans infection) in Kenya. [22]</p> <p>Molecular characterization of a tsetse fly midgut proteolytic lectin that mediates differentiation of African trypanosomes. [23]</p> <p>TparvaDB: a database to support Theileria parva vaccine development. [24]</p>
<p>Prof. Abubakar Laila Uweso [25]</p>	<p>Molecular characterization of a tsetse fly midgut proteolytic lectin that mediates differentiation of African trypanosomes. [23]</p> <p>Purification and characterization of a midgut lectin-trypsin complex from the tsetse fly Glossina longipennis. [26]</p> <p>Properties of a blood-meal-induced midgut lectin from the tsetse fly Glossina morsitans. [27]</p>
<p>Prof. Ochanda James [28]</p>	<p>In vitro antiplasmodial activity of selected Luo and Kuria medicinal plants. [29]</p> <p>Antagonistic effect of alkaloids and saponins on</p>



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