# ANDISI CHERYL KIVISI

**CURRICULUM VITAE**

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## PERSONAL SUMMARY

I am a committed Biomedical Science researcher with over 5 years of experience at leading academic institutions. My research interests include understanding immunity infectious diseases, with a main focus on malaria. I also have a keen interest in teaching and mentoring students in Biological sciences.

## ACADEMIC BACKGROUND

**2010-2014: OPEN UNIVERSITY**

Faculty of Life and Biomolecular Sciences, PhD

**2005 - 2008: MASENO UNIVERSITY**

School of Public Health and Community development (ESPUDEC)

Bachelor of Science Biomedical Science and Technology (Medical Biotechnology)

**1999 – 2002: THE SACRED HEART MUKUMU GIRLS' HIGH SCHOOL**

Kenya Certificate of Secondary Education

## RESEARCH AND TEACHING EXPERIENCE

**AUG 2015- Date: LECTURER, PWANI UNIVERSITY**

Department of Biological Sciences, School of Pure and Applied Sciences

**MARCH 2016- : KEMRI-WELLCOME TRUST RESEARCH PROGRAMME**

Visiting Research Scientist, Biosciences Department

**JULY 2014 TO JULY 2015: KEMRI-WELLCOME TRUST RESEARCH PROGRAMME**

Early career postdoctoral researcher, Biosciences Department

**AUG 2009 TO JUNE 2014: KEMRI-WELLCOME TRUST RESEARCH PROGRAMME**

Assistant Research Officer and PhD student, Biosciences Department

**JAN-JULY 2009: KEMRI-WELLCOME TRUST RESEARCH PROGRAMME**

Intern, Biosciences Department

**JULY-DEC 2008: INTERNATIONAL CENTER OF INSECT PHYSIOLOGY AND ECOLOGY**

Intern, Molecular Biology and Biotechnology Department.

## PUBLICATIONS

1. Abdi, A. I. *et al*. Global selection of *Plasmodium falciparum* virulence antigen expression by host antibodies. *Sci. Rep.* **6**, 19882; doi: 10.1038/srep19882 (2016)

2. Abdi, A. I. *et al*. Differential *Plasmodium falciparum* surface antigen expression among children with Malarial Retinopathy. *Sci. Rep.* **5**, 18034; doi: 10.1038/srep18034 (2015).
3. G. M. Warimwe *et al*, Prognostic indicators of life-threatening malaria are associated with distinct parasite variant antigen profiles. Sci. Transl. Med. 4, 129ra45 (2012).
4. Avril M. *et al*, Whole transcriptome analysis identifies a subset of Group A *var* genes that encode the malaria parasite ligands for binding to human brain endothelial cells. PNAS, E1782-1790 (2012).
5. Claessens A.*et al*, A restricted subset of *var* genes is associated with adherence of *Plasmodium falciparum* infected erythrocytes to brain endothelial cells. PNAS, E1772-1781 (2012).

## GRANTS, FELLOWSHIPS AND AWARDS

Feb. 2017: CNHR DREHPA postdoctoral fellowship. Project title: *Understanding the Role of Maternal Anti-malarial Immunity in Infant Protection*

Jan 2017: Winner, health zone. I am a Scientist; get me out of here Science communication project.

## PRESENTATIONS

May 2015: KEMRI-Biology of Malaria Parasite (BioMalPar) Heidelberg, Germany

Patterns of var gene expression over time

October 2014: KEMRI-Wellcome Trust Program Forum-25th Anniversary, Kilifi, Kenya

Expression of *var* genes in children below 1 year

30th Sept-2nd Oct 2013: Oxford Tropical Network, Kilifi, Kenya

Profiling PfEMP1 variants associated with severe malaria and low host immunity over time

9th-11th Feb 2011: KEMRI Annual Scientific Health Conference, Nairobi, Kenya

Finding PfEMP1 variants associated with low host immunity and severe malaria

## REFEREES

Dr. Pete Bull,
University of Cambridge,
United Kingdom.
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Prof. Kevin Marsh
Senior advisor, African Academy of Sciences,
Professor of Tropical Medicine, University of Oxford
Email: kevin.marsh@ndm.ox.ac.uk