

# Boaz Owuor

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**EDUCATION:** PhD in Medical Immunology, Maseno University  
Master of Biochemistry, University of Nairobi

## RESEARCH EXPERIENCE

Design, development and clinical trials of potential vaccines for malaria and other infectious diseases; development and standardization of assays as surrogate markers of protection in clinical trials

## TEACHING EXPERIENCE

Lecturer, Department of Biomedical Science and Technology, Maseno University  
Teaching Medical Biochemistry, Medical Endocrinology, Medical Virology, Biomedical Instrumentation, Clinical Biochemistry and Chemical Pathology, Molecular and Cellular Pharmaceutics

## HONORS AND AWARDS:

Scholarship for Masters Training, US Army Medical Research Unit, Kenya  
European Molecular Biology Laboratory (EMBL) Studentship

## PROFESSIONAL MEMBERSHIP:

Member of the Dutch Society for Immunology (NVVI)  
European Molecular Biology Laboratory (EMBL) fellow

## SKILLS AND TRAINING:

Certificate in Immunology: Leiden University Medical Center, The Netherlands  
State of the art training in the current trends in Immunology  
Certificate in Flowcytometry: University of Ulster, Northern Ireland  
Principles, applications and data analysis in cytofluorometry

**LEADERSHIP EXPERIENCE:** School Examination Coordinator, SPHCD

## SOME OF THE CONFERENCES AND WORKSHOPS ATTENDED:

European Malaria Vaccine Development Association Conference; Berlin, Germany

18<sup>th</sup> – 20<sup>th</sup> May, 2012  
European Malaria Vaccine Development Association Conference; Heidelberg, Germany  
18<sup>th</sup> – 20<sup>th</sup> May, 2011

European Malaria Vaccine Development Association Conference; Arusha, Tanzania  
8<sup>th</sup> – 10<sup>th</sup> March, 2010

European Malaria Vaccine Development Association Conference; Skodsborg, Denmark  
8<sup>th</sup> – 10<sup>th</sup> March, 2009

### **SOME PUBLICATIONS:**

Owuor BO, Odhiambo CO, Otieno WO, Adhiambo C, Makawiti DW, Stoute JA. Reduced Immune Complex Binding Capacity and Increased Complement Susceptibility of Red Cells from Children with Severe Malaria-Associated Anemia. *Mol. Med.* 2008 Mar-April;14(3-4):89-97

Owuor BO, Remarque EJ, Faber BW, Thomas AW. A Novel Method to Clean Protein G Agarose for Affinity Column Matrix with Renewed Binding Capacity and High IgG Selectivity. *J Immunol Methods* 2010 Jan31; 352(1-2): 192-4. *Epub.* 2009 Nov3