

# Staff Profile



## Contact details

Department of **Medical Biochemistry**  
School of Medicine (**MMUST-SOM**)  
**P.O. Box 190-50100**  
Kakamega, KENYA  
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## Geoffrey Ouma Maloba

### *Professional profile*

Geoffrey Ouma Maloba is currently an assistant lecturer in the Department of Medical Biochemistry in the School of Medicine (SOM). He is also a doctoral candidate in Medical Biochemistry.

He holds a Master of Science in Medical Biotechnology and a Bachelor of Science in Biochemistry. Maloba's academic interests include Cancer biology research, Cell cultures, cancer epigenetics, and cancer chemotherapeutic studies, including but not limited to breast cancer chemotherapeutic signaling mechanisms.

He has previously researched in the fields of immunology and microbiology. His current research theme is "*Elucidation of novel molecular mechanisms in resistant breast cancer chemotherapy*"

Some of his key published works include: -

1. Development of a robust and standardized immune-serological assay for detection of anti-measles IgG (10.1016/j.jim.2018.07.009)
2. Microbiology Specimen Collection and Transport (10.36349/easms. 2021.v04i05.002)



## LANGUAGE SKILLS

**MOTHER TONGUE(S):** English | Swahili Language

**Date of birth:** 04/18/1984


**Nationality:** Kenyan

**Geoffrey Ouma  
Maloba**

## CONTACT

 P.O BOX 11 Bumala-Busia(Kenya),

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Kenya 

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(+254) 725047227

## WORK EXPERIENCE



europass

**07/11/2021 – CURRENT** - Kakamega, Kenya

### **Assistant Lecturer/Assistant Research fellow**

Masinde Muliro University Of science and technology

1. Teaching undergraduate courses in Biochemistry and Molecular Biology, Molecular Diagnostics, Bioinformatics, and functional genomics.
2. Also assisting Principal investigators in carrying out research, including research in drug discovery, cell cultures, cell viability assays, molecular protein assays by western blotting and mRNA RT-PCR, gel electrophoresis, and Genome editing in *Staphylococcus aureus* using CRISPR -case 9 for antibiotic sensitivity evaluation.
3. I also help with data analysis using SPSS and Pro Origin statistical software.
4. I also have experience and participate in writing scientific research papers, and reviews for publication.

## EDUCATION AND TRAINING

**09/01/2016 – 06/27/2018** - Pécs, 48-as tér 1, 7622, Pécs, Hungary

### **Master of Science in Biotechnology (medical Biotechnology option)**

University of Pécs

<https://international.pte.hu/>

**08/27/2007 – 12/06/2011** - P. O. Box 3900 - 30100, Kesses, Eldoret, Kenya, Eldoret, Kenya

### **Bachelor of science in Biochemistry**

Moi University

[www.mu.ac.ke](http://www.mu.ac.ke)

**01/10/2002 – 12/10/2005** - P.o Box 6-50404 Bumala, Bumala -Busia (Kenya), Kenya

### **Kenya Certificate of secondary education**

Bujumba Secondary school

[www.bujumba.ac.ke](http://www.bujumba.ac.ke)

**09/10/2021 – CURRENT** - Pécs, 48-as tér 1, 7622 7622 Pécs, Pecs, Hungary

### **Ph.D In Biochemistry (oc)**

University of Pécs

<https://international.pte.hu/>



## DIGITAL SKILLS

### My Digital Skills

Ms word, Ms excel, Ms Powerpoint, twitter,face book, Google drive

## PUBLICATIONS

### **Development of a robust and standardized immunoserological assay for detection of anti-measles IgG antibodies in human sera**

**2018** [10.1016/j.jim.2018.07.009](https://doi.org/10.1016/j.jim.2018.07.009)

The research was aimed at developing a novel and cost effective immunoserological method to use in Vaccine efficacy survey

### **Microbiology Specimen Collection and Transport**

**2022** [10.36349/easms.2021.v04i05.002](https://doi.org/10.36349/easms.2021.v04i05.002)

The research was aimed at elucidating best practices for microbiology specimen handling

## COMMUNICATION AND INTERPERSONAL SKILLS

### **Excellent Communication and Interpersonal skills**

1. I am eloquent in presentations and precise.
2. I am also a team player and self-driven.
3. I am a man of integrity