

Dr. Rosaline Wanjiru Macharia

Education:

PhD (Bioinformatics)

South African National Bioinformatics Institute, University of Western Cape (2016). Thesis title: Characterization of Olfactory responsive genes in selected tsetse fly species.

MSc (Bioinformatics)

Centre of Biotechnology and Bioinformatics, University of Nairobi (2012). Thesis title: Assignment of Taxonomic Units for Metagenomic Experiments

B.Sc. (Biochemistry and Chemistry)

College of Physical and Biological Sciences, University of Nairobi (2007). Graduated with First class honours.

Work Experience:

2016 (November)-present: Bioinformatics Lecturer, University of Nairobi, Kenya.

2016 (May) – 2019 (April) Bioinformatics consultant at International Center for Insect Physiology and Ecology (*icipe*).

2012 (October)-2016 (July): ARPPIS PhD scholar, *icipe* & University of Western Cape

2012 (January - August): Volunteer in the International *Glossina* Community.

Fellowships and Awards

- 2020-2022: African Academy of Scientists fellow under H3A-postdoctoral fellows
- 2012-2016: African Regional Postgraduate Programme in Insect Science fellow
- 2016: Overall winner of published scholar's papers at *icipe*. paper published in PLOS Neglected diseases journal
- 2016: Best Oral presentation under young investigators category at the Kenya Annual Medical and Scientific Conference
- 2007: Awarded a certificate merit as the second best Chemistry student, University of Nairobi class 2007.