

DEPARTMENT OF BIOLOGICAL AND BIOMEDICAL SCIENCES AND TECHNOLOGY



Name of Staff: Dr. Jane N. Mugwe

Designation/Rank: Lecturer

Department: Biological and Biomedical Sciences Technology

School: Applied Sciences and Technology

Email: jmugwe@laikipia.ac.ke

Google Scholar:

<https://scholar.google.com/citations?hl=en&user=e3Rc848AAAAJ>

A Educational Background

1. PhD Degree in Immunology, Kenyatta University, Kenya
2. Master of Science in Immunology, Kenyatta University, Kenya
3. Bachelor of Education in Science (Zoology/Botany), Kenyatta University, Kenya

B Brief Auto-biography

Dr. Jane Mugwe is a lecturer in the Department of Biological and Biomedical Sciences and Technology, and she has over 10 years of experience teaching and mentoring students at the university level. She is passionate about helping students achieve their full potential and is committed to providing a supportive learning environment.

D Research Interest

Translational research focusing on communicable and non-communicable diseases, thus contributing to the realization of the 3rd sustainable development goal.

E Publications

1. **Jane N. Mugwe** and Patricia Wangari (2021). Factors determining family planning services usage among women of reproductive age. *International Journal of Science and Research Archive*, 2021, 02(01), 055–059.
2. **Jane Mugwe** (2020). Intestinal Parasitic Infestation and Associated Factors among Children in Urban Slum Schools in Nakuru, Kenya. *EAS Journal of Parasitology and Infectious Diseases*, Volume-2 Issue-3 May-June 2020.

3. **Mugwe J.N.**, Gicheru, M.M. & Mwatha, J. (2019). Circulatory Cytokines and Hematological Profiles as possible Biomarkers of HIV and AIDS progression. *LIFE: International Journal of Health and Life Sciences*, 5 (1), 105-118.
4. **Jane Nyambura Mugwe**, Michael M. Gicheru and Joseph Mwatha (2016). Plasma Cytokine Profiles as Predictive Biomarkers of HIV and Aids Progression among HIV Patients Attending Nakuru Provincial General Hospital, Kenya. *American Journal of Medical and Biological Research*, Vol. 4, No. 2, 20-25.
5. **Jane N. Mugwe**, Michael M. Gicheru and Joseph Mwatha (2016). Relationship between Plasma cytokine Levels and CD4 T cell counts during acute HIV infection among HIV/AIDS patients attending Nakuru Provincial General Hospital, Kenya. *European Journal of Research in Medical Sciences*, Vol.4 No. 1. 44-51.
6. **Jane N. Mugwe**, Michael M. Gicheru and Zipporah Ng'ang'a. (2013). The Effects of Antiretroviral Drugs on CD4 cells in HIV Positive Patients Attending Nakuru General; Hospital, Kenya. *International Journal of Scientific & Engineering Research*, Volume 4, Issue 3. (ISSN: 2229-5518)
7. **Jane N. Mugwe**, Michael M. Gicheru and Zipporah Ng'ang'a. (2013). The Impact of Antiretroviral Therapy on Viral Loads in HIV Positive Patients. *International Journal of Advancements in Research & Technology*, Volume 2, Issue 3.
8. **Jane N. Mugwe** and Dick Mbaja. (2013). Comparison between Fascalibur and Fascalibur Analyzers of CD4 Counts. *International Journal of Scientific and Research Publications*, Vol.3, Issue 7. (ISSN: 2250-3153)