

## DEPARTMENT OF BIOLOGICAL AND BIOMEDICAL SCIENCES



**Name of Faculty/Staff:** Dr. Jane N. Mugwe, PhD

**Designation/Rank:** Lecturer

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### Educational Background:

- PhD (Immunology), Kenyatta University, Kenya (2019)
- Masters of Science (Immunology), Kenyatta University, Kenya (2009)
- Bachelor of Education (Science- Zoology/Botany), Kenyatta University, Kenya (2003)

### Selected Publications

1. **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.
2. **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.
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 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.

### Research Interest

Translational research focusing on communicable and non-communicable diseases.

### **AFFILIATIONS**

- Member of the Kenya Society of Immunology (KSI).
- Member of Organization for Women in Science for the Developing World (OWSD).
- Member of Christian and Scientific Association of Kenya.