

DEPARTMENT OF BIOLOGICAL AND BIOMEDICAL SCIENCE



Name of Faculty/Staff: Dr. Emmily Ngetich (PhD)

Designation/Rank: Lecturer

Department: Biological and Biomedical Science Department

School: Science and Applied Technology,

Email: engetich@laikipia.ac.ke

Google Scholar Link:

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AILGF5WfX4i2SwTNMG4AgTj9vaEK_B3iVyufliA8XpkeUsNO8QPHItorsbZPnVninMosIHT_cGupAsKfcZa8og&user=hEye5C8AA
[AAJ](#)

Research Gate: <https://www.researchgate.net/profile/Emmily-Ngetich>

PERSONAL DETAILS

A Educational Background/Qualification

1. PhD in Parasitology, University of Eldoret, Kenya (2019)
2. Master of Science in Medical Parasitology, Egerton University, Kenya (2009)
3. Bachelor of Science in Botany and Zoology, Jomo Kenya University of Agriculture and Technology, Kenya (1995)

B Brief Auto-biography of the Faculty/Staff

Dr. Emmily Ngetich is a lecturer with over 10 years of experience in teaching undergraduate students in biomedical and biological sciences to impact, transform and mentor students to have understanding on life and health problems affecting humanity and change their attitudes towards solving them and shape their careers for posterity. Apart from teaching, Dr Emmily is a researcher for tropical infections that affect both humans and veterinary animals. Her long-term goal is more collaborative research, be able to apply new technologies in research, source research funds that will be of benefit to the Laikipia University and community, and become national level policy advisor.

C Areas of Specialization

1. Parasitology
2. Zoology and Biomedical Sciences
3. Molecular biology

D Research Interest

1. Research on Tropical Neglected Diseases with passion of trypanosomiasis, schistosomiasis, leishmaniasis, malaria and intestinal parasites
2. Disease modeling
3. Climate change and Epidemiology

E All Publications

1. **Ngetich**, E. C., Ng'wena G. M., Ngeiywa M. (2019) Microscopy Underestimates the Prevalence of Trypanosomes' Infection in Asymptomatic Cattle and Sheep in a Lowland Area within the Kenyan Rift Valley. *Open Journal of Veterinary Medicine*, **9**, 136-145. ISSN Print: 2165-3356
2. **Ngetich**, E., Odhiambo, R., Mwandawiro, C. and Kihara, J: *Plasmodium falciparum*, *Schistosoma mansoni* and Hookworms Co-Infections: The Effect on Haemoglobin Concentration among School Age Children n Kisumu Municipality, Kenya. *Egerton Journal for Science and Technology* 2013 (ISSN No. 2073-8277)
3. **Ngetich** CE, Kihara JH, Odhiambo RO, Mwandawiro C and Swaminathan P (2013): The Burden of Multiple Infections with *Plasmodium falciparum*, *Schistosoma mansoni* and Soil-transmitted Helminths among School Going Children in Kisumu, Kenya. *Science Journal of Medicine and Clinical Trial*. ISSN:2276-7487

F Scholarly Presentation at Conferences/Workshops/Seminars:

Gatua, W and Ngetich E (2017) Kabarak University International Conference on Research, Innovation and Knowledge Translation for Community Transformation

Presentation: The Evaluation of Effectiveness of Combined Therapy as Opposed to Monotherapy against *Plasmodium Falciparum* 3d7 in Vitro Cultures