

CURRICULUM VITAE

PERSONAL DETAILS

Name : Scolastica Chepngetich Korir
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Email : bscolastica@gmail.com
Sex : Female
Marital Status : Single

ACADEMIC QUALIFICATIONS

Maseno University- August 2013 – December 2016
PhD in Medical Parasitology
Egerton University - September 2008 to September 2011
Master of Science in Medical Parasitology
Egerton University - January 2005 to August 2008
Bachelor of Education Science (Botany, Zoology and Chemistry)

ADDITIONAL QUALIFICATION

- Certificate in computer applications

PROFESIONAL EXPERIENCE

Jan 2017 – Present : Maseno University

Lecturer Medical Microbiology Department, School of Medicine

Jan 2013 – Dec 2016: Maseno University

Tutorial fellow Medical Microbiology Department, School of Medicine.

September 2011 – Dec 2012: Technical University of Kenya

Part-Time Lecturer Department of Biological Sciences and Technology

Kenya Agricultural Research Institute

June 2009 – August 2011

Attached in the lab as a research assistant and did a project for my Master of Science degree.

Mastered the following skills and diagnostic techniques:

- Good clinical practice (GLPs)
- Standard operating procedures (SOPs)
- Proposal writing, report writing and preparation of manuscripts
- Immunological techniques (PCR, ELISA, Western blotting and HPLC)
- Parasitological techniques
- Bacteria culture and sensitivity

CONFERENCES, WORKSHOPS, SEMINARS AND SHORT COURSES ATTENDED.

- Kemri Annual Scientific and Health Conference (KASH). Kemri Headquarters. **8th – 10th Feb 2015.**
- PACE training in Eldoret organized by the School of Medicine Maseno - **2014**
- 6th Egerton University international conference and research week and expo “Theme; “Transformative research for sustainable development”. Egerton University; Agriculture resource centre (ARC) **21st – 23rd September, 2011.**
- Workshop on immunobiology of major Tropical parasitic infections. Institute of Primate Research, (IPR) **7th – 18th March 2011.**
- Proposal Writing and Communication Skills Workshop; Project Proposal Development and Communication Skills Enhancement Training; Egerton University, CMRT Conference Hall. **23rd-25th Feb 2010.**
- Faculty of Science Seminar Theme: Basic Science Research as a vital tool in Science Technology and Innovations for realization of vision 2030. Egerton University (ARC) – Conference Hall, **25th Feb, 2009.**
- 3rd Annual Research week and International Conference. Theme: “Harnessing Scientific Knowledge for National Development”. Egerton University; Agriculture resource centre (ARC) **16th – 18th September, 2008.**
- Proposal writing workshop. “How to write fundable research proposals”. Fass Theater – Egerton University. **7th Nov 2007.**
- 2nd Research week and international conference. Theme: “Research for national development”. (ARC) –Egerton University. **16th - 20th July, 2007.**

PUBLICATIONS

- **Scolastica C. Korir**, Rose Kakai, Hosea M. Akala, Ayub Ofulla. (2016). *In-vitro* activity of artemether, lumefantrine, dihydroartemisinin and piperaquine against *Plasmodium falciparum* clinical isolates transported in a formulated transport medium and EDTA from Chulaimbo sub-county Hospital *Journal of Natural Sciences Research*. Vol 6: No.9, 2016.
- **Scolastica C. Korir**, Rose Kakai, Hosea M. Akala, Ayub Ofulla. (2016). *In-vitro* activity of artemether, lumefantrine, dihydroartemisinin and piperaquine against 3D7 and W2 *Plasmodium falciparum* reference clones in a formulated transport medium and EDTA from Chulaimbo sub-county Hospital. *Advances in Life Science and Technology*. Vol.44, 2016.
- Serem, E. K., Mburu, J. N., Mdachi, R.E., **Korir, S.C.**, Kibugu, J., Kagira, J. and Ngunjiri, R. M. (2013). Effects of crude extracts of *Solanum nigrum* on the Liver pathology and

Survival time in *Trypanosoma brucei rhodesiense* infected mice. *Science Journal of Microbiology*. 10.7237-242.

- **Scolastica Chepngetich Korir**, Jane Mburu, Robert Shivairo, Erick Serem, Geoffrey Arasa, Joan Chebet Cheruiyot, Jonathan Chome, Ellie Mdachi (2013). Comparison of drug sensitivity and pathogenesis of *Trypanosomiasis brucei rhodesiense* isolates with the respective clones originating from Busia and Busoga. *Journal of Natural Sciences Research*.13, 2224-3186.
- Serem, E. K., Ngure, R. M. Chome, J. **Korir, S. C.**, and Mburu, J. N.(2013). Effect of long term administration of *Solanum nigrum* extracts in female Swiss white mice infected with *Trypanosoma brucei rhodesiense*. *Science Journal of Medicine and Clinical Trials*. doi: 0.7237/sjmct/290

FUTURE ENDEAVORS:

I have plans to further undertake research on tropical diseases especially malaria.

REFEREES

- 1. Dr Jane N. Mburu**,
Animal Sciences Department,
Egerton University,
Cell phone; +254722797861
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- 2. Dr David.O. Ondijo**,
Technical University of Kenya,
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- 3. Prof Rose Kakai**
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