

DR MUSTAFA BARASA

PHD IN MOLECULAR MEDICINE, NOVEMBER 2016, COLLEGE OF HEALTH SCIENCES, JKUAT [ITROMID-KEMRI]

SCIENTIST & LECTURER AT MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY; MMUST- MAIN CAMPUS

ADDRESS: P. O. BOX 2003. CODE: 50100-KAKAMEGA

CITIZENSHIP: KENYAN

EMAIL ADDRESS: mustrech@gmail.com; mustrech@yahoo.com; mbarasa@mmust.ac.ke

DATE OF BIRTH: 1STFEBRUARY 1981

TELEPHONE NUMBER: +254 720442207

THE MMUST LECTURER OF THE YEAR 2016

RESPONSIBILITIES AT THE SCHOOL OF BIOMEDICAL SCIENCES IN MMUST

Scientific Research and Community Outreach, Lecturing, Postgraduate Supervision, Theses Examination, Biotechnology Programmes Coordination, Curriculum Development, Timetabling and Lecture Co-ordination, Administrative Duties

POSTGRADUATE SUPERVISION

Currently involved in the supervision of 4 MSc. and 1 PhD student
Examined 6 MSc theses

PROFESSIONAL BODY MEMBERSHIP

A member of the Immunology Society of Kenya

PUBLICATIONS / CONFERENCES

[1] Participated in 'The First Kenyatta University Research Conference' organized and held at Kenyatta University between 28TH and 30TH April 2009; 'Characterisation of Placental Malaria in Olive Baboons (*Papio illia*) infected with *Plasmodium knowlesi* H strain'.

[2] Presented at the DAAD Scholars National Conference on Science and Technology, 11th – 12th June 2009, held at MMUST, Kakamega, Kenya.

[3] Online Publications:

1. Barasa, M., Gicheru, M. M., Kagasi, A. E., and Ozwara, S. H. (2010). **Characterisation of placental malaria in olive baboons (*Papio anubis*) infected with *Plasmodium knowlesi* H strain.** *Int. J. Integ. Biol.*: Volume 9, Issue No. 2: 54 – 58.

2. Barasa, M., Mwangi, I. M., Mutiso, M. J., Kagasi, A. E., Ozwara, S. H. And Gicheru, M. M. (2010). ***Plasmodium knowlesi* H strain pregnancy malaria immune responses in olive baboons (*Papio anubis*).** *Int. J. Integ. Biol.*: Volume 10, Issue No. 1: 54 – 58.

3. Barasa, M., Maamun, J., Kagasi, A. E., and Ozwara, S. H. And Gicheru, M. M. (2010). **Immunity to *Plasmodium knowlesi* H strain malaria in olive baboons.** *Int. J. Integ. Biol.*: Volume 10, Issue No. 3: 147 – 152.

4. Joshua M. M., Macharia, C. J., Barasa, M., Taracha, E., Bourdichon, A. J. And Gicheru, M. M. (2010). ***In vitro* and *in vivo* antileishmanial efficacy of a combination therapy of diminazene and artesunate against *Leishmania donovani* in BALB/C mice.** *Rev. Inst. Med. Trop. Sao Paulo*: 53 (3): 129-132.

5. Barasa, M., Ng'ang'a, W. Z., Kagasi, A. E., Gicheru, M. M. And Ozwara, S. H. (2012). **Cytokine expression in malaria – infected non – human primate placentas.** *Open Veterinary Journal*, (2012), Vol. 2: 58-64.

6. Barasa, M., Shaviya, N., Wamalwa, R., Mambo, F., Okoth, P., Omedo, A. R., Rutto, R., Kagasi A. E., Mutai, C., Sowayi, A. G., Ozwara, S. H., Ng'ang'a, W. Z., and Anjili, O. C. (2015). **Expression of Physiologic Biomolecules following Anti-malarial Cytokine-CpG Motif Oligodeoxynucleotide Gene Therapy.** *Merit Research Journal of Medicine and Medical Sciences*: 3(9): 32-52.

7. Barasa, M., Ndeti, M. C., Wanjala, C. L., Ingonga, M. J., Osero, B., Muyonga, S. S., Wanyonyi, K. M., Tireito, F., Mbeti,

M., Kokonya, A. D., Ozwara, H. A., Ng'ang'a, W. Z. and Anjili, O. C. (2015). **Cytokine-CpG Motif Oligodeoxynucleotide Co-Inoculation in BALB/cMice Infected With *Plasmodium berghei* ANKA Strain.** *Journal of Medical and Biological Science Research*: 1(10): 145-161.

8. Barasa, M. F., Wanjala, C., Shaviya, N., Barasa, M., Sowayi A. G., Odini, A. V., Wakhisi, J, and Abwajo, O. J. (2015). **State of sanitation and hygiene of public primary schools in Kakamega municipality, western Kenya.** *International Research Journal of Public and Environmental Health*: 2(12): 215-224.

9. Ndeti, C. M., Kituyi, C. M., Ndirangu, J., Ingonga, J., Chimbevo, L., Ochieng, M., Barasa, M., Kinuthia, G., Maina, E. M., Nyanbati, V. C. S. and Anjili, O. C. (2016). Efficacy of combination therapy using extracts of *aloe secundiflora* eng and *callistemon citrinus* illiam c. in *Leishmania major* infected BALB/c mice. *East African Medical Journal*: 95(2): 72-77.

10. Patrick, Okoth & Muoma, John & Omayio, Dennis & Barasa, Mustafa & Paul, Angienda. (2018). Molecular Footprint of Kenya's Gene Bank Repositories Based on the cp -Genome Signatures. *American Journal of Molecular Biology*. 08. 215-244. 10.4236/ajmb.2018.84019.

11. Wafula P., Were T., and Barasa, M . (2020). Anaemia phenotypes in highly active antiretroviral treatment defaulting adults at the comprehensive care clinic at the Siaya County Teaching and Referral Hospital. *Journal of AIDS and HIV Infections*. Volume 5, Issue No. 1.

<https://meritresearchjournals.org/mms/content/2015/September/Barasa%20et%20al.pdf>

REFEREES

Prof. Zipporah W. Ng'ang'a, The Deputy Vice Chancellor [DVC], South Eastern Kenya University [SEKU] and former Director, Institute of Tropical Medicine and Infectious Diseases [ITROMID], Jomo Kenyatta University of Agriculture and Technology (ITROMID-KEMRI). Telephone No: +254 722794883. Email: zipnganga@gmail.com

Mr. George A. Sowayi, Medical Lab. Sciences Department, MMUST, Main Campus. Postal Address: P. O. Box 190 – 50100 Kakamega, Kenya. Telephone No: +254 722129849. Email: sowayigeorge@yahoo.com; gsowayi@mmust.ac.ke

Dr. Tom M. Were, Medical Lab. Sciences Department, MMUST, Main Campus. Postal Address: P. O. Box 190 – 50100 Kakamega, Kenya. Telephone No: +254 720326127. Email: mugogwe@yahoo.com; twere@mmust.ac.ke