



Inspiring Innovation and Leadership

KARATINA UNIVERSITY

STAFF PROFILE TEMPLATE

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1. **Name:** Dr Royford Murangiri Mwobobia
2. **Designation:** Part-time Lecturer
3. **Employment details**

School: Agriculture and
Biotechnology

Department: Agricultural
Sciences

4. **Contact Information**

Email Address: rmurangiri.pt@karu.ac.ke

mmurangiri@gmail.com

Research Links: <https://orcid.org/0000-0003-1473-768X>

4. **Describe your professional self** [your biography – Two Paragraph summary max.]

Dr Royford Murangiri has a Bachelor degree in veterinary medicine, MSc in Livestock Production and a PhD student in Invivo Pharmacology (Thesis Submitted). He has experiences and skills as a field veterinarian of 14 years and university teaching experience of 6 years. He also possesses skills in design and execution of research using animal models.

5. **Area/ Field of specialization:** [Experimental medicine and *invivo* pharmacology]

6. **Research interests:** Design of animal experiments, laboratory animal science, animal welfare, pain physiology, animal behavior, stress in animals

7. List some of your key published works

- a. **Mwobobia RM**, Kanui TI, Abelson KSP (2021). The effects of clonidine and yohimbine in the tail flick and hot plate tests in the naked mole rat (*Heterocephalus glaber*). BMC Research Notes; 14(1):191. <https://doi.org/10.1186/s13104-021-05607-7>
- b. **Mwobobia, R. M.**, Kanui, T. I., & Abelson, K. (2020). Investigation of noradrenergic receptor system in anti-nociception using formalin test in the naked mole rat (*Heterocephalus glaber*). *Heliyon*, 6(10), e05216. <https://doi.org/10.1016/j.heliyon.2020.e05216>
- c. **Mwobobia R. M.**, Klas S. P. Abelson., Titus I. Kanui (2020). Housing behaviour of the naked mole rat (*heterocephalus glaber*) under laboratory conditions, *Scandinavian journal of Laboratory Animal Science* <https://doi.org/10.23675/sjlas.v46i1.1023>