



Bixa Ogola

DR

University of Venda

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Education

University of Venda

PHD IN MICROBIOLOGY

- Thesis: Human immunodeficiency virus type 1 diversity in patients initiating treatment in Northern South Africa

South Africa

2024

University of Venda

MSC IN MICROBIOLOGY

- Dissertation: Recombination events and epitope prediction in HIV-1 strains from Southwest Cameroon

South Africa

2016

University of Venda

BSC HONOURS IN BIOCHEMISTRY

- Coursework and mini-dissertation

South Africa

2010

University of Venda

BSC IN BIOCHEMISTRY AND BIOLOGICAL SCIENCES

- Biochemistry, Bacteriology, Immunology, Virology, molecular genetics and biotechnology

South Africa

2008

Almighty learning center

HIGH/SECONDARY SCHOOL

- Matric certificate

South Africa

2002

Research activities

South Africa Medical Research Council (MRC)

TUTORIAL FELLOW

Transmitted and acquired HIV drug resistance

2020

National Academies of Sciences Engineering and Medicine (Washington DC, USA)

RESEARCH ASSISTANT

Effectiveness of point-of-use water treatment technologies to prevent child stunting in South Africa

2019

Academic support roles

University of Venda Work-study Department

MICROBIOLOGY LAB DEMONSTRATOR

Preparing undergraduate lab sessions and assist with lab sessions

Mar 2019 - Nov 2019

University of Venda Work-study Department

MICROBIOLOGY LAB DEMONSTRATOR

Preparing undergraduate lab sessions and assist with lab sessions

Mar 2018 - Nov 2018

University of Venda Work-study Department

MICROBIOLOGY LAB DEMONSTRATOR

Preparing undergraduate lab sessions and assist with lab sessions

Mar 2017 - Nov 2017

University of Venda Centre for higher education teaching and learning (Academic development unit)

TUTOR

Preparing tutorials, assist with marking lab and assignment scripts

Mar 2015 - Nov 2015

University of Venda Work-study Department

MICROBIOLOGY LAB DEMONSTRATOR

Preparing undergraduate lab sessions and assist with lab sessions

Mar 2013 - Nov 2013

University of Venda

BIOCHEMISTRY LAB DEMONSTRATOR

Preparing undergraduate lab sessions and assist with lab sessions

Mar 2009 - Nov 2009

University of Venda

BIOCHEMISTRY LAB DEMONSTRATOR

Mar 2008 - Nov 2008

Conferences

Prevalence and diversity of HIV drug resistance mutations in patients entering treatment programmes in Northern South Africa

INTERNATIONAL CONFERENCE ON AIDS AND STI'S IN AFRICA

Kigali, Rwanda

2019

Publications

1. Ogola, B. O. (2017). *Recombination events and epitope prediction in HIV-1 strains from southwest cameroon.*
2. Ogola, B., Matume, N. D., Mavhandu-Ramarumo, L. G., Tebit, D. M., & Bessong, P. O. (2022). Drug resistance mutations in a population before antiretroviral therapy initiation in northern south africa. *AIDS Research and Human Retroviruses*, 38(3), 248–256. <https://doi.org/10.1089/aid.2021.0026>
3. Ogola, B., Matume, N. D., Tebit, D. M., Mavhandu-Ramarumo, L. G., & Bessong, P. O. (2024). Immunologic, virologic and drug resistance outcomes in an HIV-infected prospective cohort on treatment in south africa. *PLoS ONE*, 19(8), e0307519. <https://doi.org/https://doi.org/10.1371/journal.pone.0307519>