

Academic Staff Profile

Personal Profile

Personal Details

Name: Title/Qualification: Dr./PhD Department: Medical Laboratory Sciences Designation/Position: Lecturer Email: arodi.washingtone@ku.ac.ke Contact Address: 43844-00100 Nairobi, Kenya Area of Specialization: - Immunology/Parasitology Research Interests: - Histocytology - Immunology - Parasitology Google Scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=Vb_fTeMAAAAJ ORCID ID: https://orcid.org/0000-0001-5516-4561	
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Academic & Professional Qualifications

- PhD. Immunology (Kenyatta University)
- MSc. Immunology (Kenyatta University)

Employment History

- 2013-Present: Lecturer, Kenyatta University
- 2009-2013: Tutorial fellow, Kenyatta University

Publications

1. Murugi Brenda Nthuku, Onesmus Muia Mutuku, Washingtone Ouma Arodi, and Titus Kamau Karuga. 2025. "Prevalence of Bacterial Vaginosis and High Risk HPV Co-Infection Among HIV-Positive Women at Machakos Level-5 Hospital, Machakos County, Kenya". *International Journal of Research and Reports in Gynaecology* 8 (1):68–75. <https://doi.org/10.9734/ijrrgy/2025/v8i1119>.
2. Susan Akinyi Omwono, Arodi Washingtone, Molly Maundu, Josephine Nyabeta Rioki, and Onesmus Muia Mutuku. 2023. "Bacterial Vaginosis Prevalence and Its Associated Risk Factors Among Women at Kiambu Level-5 Hospital, Kenya". *Asian Research Journal of Gynaecology and Obstetrics* 6 (1):245–252. <https://journalarjgo.com/index.php/ARJGO/article/view/192>.
3. JM Wangari, E Mwangi, WA Arodi. (2023). Role of Attitude in Influencing Compliance with Tuberculosis Infection Prevention and Control Guidelines among Healthcare

Workers in Kenyatta National Hospital and Mbagathi District Hospital. American Journal of Public Health Research 11 (3), 107-116. DOI:10.12691/ajphr-11-3-4

4. JM Wangari, E Mwangi, WA Arodi. (2023). Compliance with Tuberculosis Infection, Prevention and Control Guidelines among Healthcare Workers in Kenyatta National Hospital and Mbagathi District Hospital. American Journal of Public Health Research 11 (3), 88-98. DOI:10.12691/ajphr-11-3-2
5. AK Kipsang, WO Arodi. (2021). Viral Respiratory Co-Infections in Patients in the Intensive Care Unit and Those under Mechanical Ventilation in Moi Teaching and Referral Hospital, Eldoret; Kenya. Journal of Microbiology Research 2022, 12(1): 24-33. DOI: 10.5923/j.microbiology.20221201.03
6. MPN Paul Nyika Ngaluma, Washington O. Arodi, George M. Gachara, Jimmy H. Kihara. (2020). Schistosomiasis and Soil Transmitted Helminthiasis in Taita Taveta County, Kenya: Prevalence, Intensity and Association with Anaemia and Nutritional Status of Children under 5 years. Journal of Infectious Diseases and Diagnosis 5 (1) 131, 1-10. DOI:10.35248/2576-389X.5.131...
7. MK Dinah Moraa, Dr. Scholastica Mathenge, Dr. Arodi Washington, Torome Tom. (2019). Antibiotic Susceptibility Pattern among Male Patients with Urinary Tract Infection in Special Treatment Centre, Nairobi. International Journal of Advanced Multidisciplinary Research (IJAMR) 6 (2):36-4. DOI:1022192/ijamr
8. Arodi W. O. Kipsang A. K., Burugu M. W. (2018). Prevalence of Severe Acute Viral Respiratory Infections in Patients in The Intensive Care Unit and Those Under Mechanical Ventilation in Moi Teaching and Referral Hospital. International Journal of Virology and Molecular Biology.7(1):1-10. DOI: 10.5923/j.imvb.201807.01
9. JM Agneta Chelimo, Washington Arodi, Drusilla Makworo. (2018). Assessment of the Incidence and Contributing Factors of Post Caesarean Section Wound Sepsis Among Postnatal Mothers at Kenyatta National Hospital, Postnatal Ward. Journal of Health, Medicine and Nursing 3 (4 No 1 (2018)), 1-18. ISSN 2520-4025
10. Oduor J, Onkoba N, Maloba F, Arodi W, Nyachieo A. (2016). Efficacy of lytic Staphylococcus aureus bacteriophage against multidrug-resistant Staphylococcus aureus in mice. The Journal of Infection in Developing Countries 10 (11): 1208-1213. <https://doi.org/10.3855/jidc.7931>
11. JMO Oduor, WN Onkoba, F Maloba, WO Arodi, A Nyachieo, FI Onditi. (2016). Safety and therapeutic efficacy of staphylococcus aureus specific lytic phage against multidrug-resistant S. aureus (MDRSA) in BALB/c mice: A prospective study. The Journal of Infection in Developing Countries. 45(1):108. DOI: 101016/j.ijid.2016.02.278

Conferenced/Workshops/Seminars Attended

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference
1.	Directorate Research, capacity Building and Consultancy Services	Navigating and Thriving in the PhD thesis Journey	Kenyatta University, Nairobi, Kenya	2025
2.	Kenyatta University	Proposal Writing and Grant	Kenyatta University,	2025

		Management training	Nairobi, Kenya	
3.	NACOSTI	STI Mainstreaming Sensitization Workshop	Nairobi, Kenya	2023
4	Centre For Teacher Professional Development and Excellence	Pedagogy Skills' Training	Nairobi, Kenya	2023
5.	Oduor J, Maloba F, Arodi W, Nyachieo A	Evaluation of therapeutic efficacy of Staphylococcus aureus bacteriophage against methicillin resistant Staphylococcus aureus (MRSA) in BAL Mice	KEMRI, Nairobi, Kenya	2016
6.	SB. Khaemba, M. Warigia, W. Arodi, CS. Wekesa, FM. Ogollah	Molecular diversity of Hepatitis B Virus in HIV infected patients at Mbagathi District Hospital, Nairobi	Berlin, Germany	2021
7.	Oduor J, Onkoba N, Maloba F, Arodi W, Nyachieo A	Comparative Study on Efficacy of Bacteriophage and Clindamycin Against Multi-Drug Resistant Staphylococcus aureus	1 st ST Biennial Conference on The State Of Higher Education in Kenya, Nairobi, Kenya	2016
8.	Centre For Teacher Professional Development and Excellence	Pedagogy Skills' Training	Nairobi, Kenya	2020
9.	Department of Medical Laboratory Sciences, Kenyatta University	Medical Laboratory Science PhD and MSc Curricula Review Workshop	KUCC, Nairobi, Kenya	2019
10.	Partnership for Advanced Clinical Education (PACE)	Innovation Teaching Methodologies and Clinical Mentorship Workshop	KUCC, Nairobi, Kenya	2012
11.	W. Arodi	Characterisation of	Cairo, Egypt	2013

		intracellular cytokine production by flow cytometry		
12.	Regional Centre for Quality of Healthcare and Makerere University School of Public Health Collaboration	. Training Dialogue Workshop on Integrating Gender and Gender Based Violence Care Training in the Preservice Health Professional Training Curriculum at Kenyatta University	North Coast Beach Hotel, Mombasa, Kenya	2010

Supervision of Postgraduate Students

S/No	Name of student	Thesis title	Status of project
1.	Joyce Lutati	Factors Associated with Intestinal Parasitic Infections And Their Drugs Response Among Primary School Going Children In Kiminini Sub-County Trans Nzoia, Kenya	Second year MSc
2.	Grace Kimani	Evaluation of Efficacy, Safety, And Toxicity of Popcorn Senna (Senna didymoboytra) Plant Extracts for Treatment of Malaria	Second year MSc
3.	Erick Njuki	Determination of the Predictive Index of Rheumatoid Arthritis in Arthropathy Patients Attending Kenyatta National Hospital Rheumatology Clinic.	Second year MSc
4.	Ibrahim Abdi Maalim	Prevention behavioural practices among HIV/AIDS patients in Mandera County, Kenya	Graduated (MSc)

5.	Juliet Oloo	Evaluation of type III interferon serum levels in patients infected with HIV in Nairobi, Kenya	Second year MSc
6.	Amos Kipsang	Prevalence of Severe Acute Viral Respiratory Infections in Patients in The Intensive Care Unit and Those Under Mechanical Ventilation in Moi Teaching and Referral Hospital	Graduated MSc
7.	Janeffer Wangari	Compliance with Tuberculosis Infection, Prevention and Control Guidelines Among Healthcare Workers in Kenyatta National Hospital and Mbagathi District Hospital	Graduated (MSc)
8.	Paul Ngaluma	Schistosomiasis and Soil Transmitted Helminthiases in Taita Taveta County, Kenya: Prevalence, Intensity and Association with Anaemia and Nutritional Status of Children under 5 ...	Graduated MSc
9.	Dinah Moraa	Antibiotic Susceptibility Pattern among Male Patients with Urinary Tract Infection in Special Treatment Centre, Nairobi County, Kenya.	Graduated MSc
10.	Agneta Chelimo	Assessment of the incidence and contributing factors of post caesarean section	Graduated MSc

		wound sepsis among postnatal mothers at Kenyatta National hospital, Postnatal Ward	
11.	Joseph Michael Ochieng	Therapeutic potential of bacteriophage in treating Methicillin Resistant Staphylococcus aureus bacteremia in mice	Graduated MSc
12	Samuel Khaemba Barasa	Molecular Diversity of Hepatitis B Virus in Hiv Infected Patients at Mbagathi District Hospital, Nairobi	Graduated (MSc)
13.	Susan Akinyi Omwono	Comparison of Pap Smear and Modified Amsel's Criteria In Screening for Bacterial Vaginosis Among Women at Nairobi Women Hospital Nairobi County, Kenya	Graduated (MSc)
14.	James Mwalloh	Discard Rate of Unsafe Blood Units at Nairobi Regional Blood Transfusion Centre (NRBTC)	Graduated MSc
15	Addah Kusimba	In Vitro Antioxidant Potential, Phytochemical Profile and Mineral Element Analysis of Selected Indigenous African Leafy Vegetables from Njoro Sub-County, Nakuru County.	Second year MSc
16	Zakaria Abdi Jama	Association and related aspects of the liver enzymes and hormonal profile on obesity	Second year MSc

17	Murugi Brenda Nthuku	Vaginosis and HPV Coinfection with Cervical Lesions Among Hiv-Positive Women at Kiambu Level-5 Hospital, Kiambu County, Kenya	Second year MSc
18	Sally Moraa Mosweta	Utilization of Preventive Measures to Reduce Nosocomial Infections among Neonates in the Newborn unit of Kenyatta National Hospital	Second year MSc
19	Brenda Nthuku	Prevalence of Bacterial Vaginosis and High Risk HPV Co-Infection Among HIV Positive Women at Machakos Level-5 Hospital, Machakos County, Kenya	Second year MSc
20	Michael Okore	Application of Machine Learning Algorithms in Analysis of Multiple Images for Malaria Parasite Detection and Surveillance	Second year PhD

Affiliation of Professional Bodies

- Society for Industrial Microbiology and Biotechnology (SIMB)
- American Society for Microbiology (ASM)- Member ID: 2003077121

Administrative Positions Held

Recognized university administrative positions

- Departmental ISO Committee Chair
- Departmental Board of Undergraduate Committee Chair
- School ISO Committee Co-Chair