

CURRICULUM VITAE

Name (Last, First, Middle): **OYARO, MICAH, ONGERI**

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CURRENT EMPLOYMENT:

FIRST NAME Micah	MIDDLE NAME Ongeri	POSITION/TITLE
SURNAME (FAMILY NAME) Oyaro		Lecturer/Scientist, Immunology Unit, Human Pathology Dept, University of Nairobi.

EDUCATION TRAINING (POST-SECONDARY):

INSTITUTION AND LOCATION	DEGREE	YEAR (s)	FIELD OF STUDY
University of Manitoba, Canada	Postdoctoral fellow	2010-2013	Molecular Virology (HIV,HBV,HCV)
Kenyatta University, Nairobi	PhD	2006-2nd July, 2010	Molecular Virology -HIV epidemiology
Dr. Babasaheb Ambedkar Marathwada University, India	MSc 1st Division	1997-1999	Biochemistry
Dr. Babasaheb Ambedkar Marathwada University, India	BSc 2nd Division	1994-1997	SUBJECTS 1. Microbiology (Major) 2. Chemistry

A. POSITIONS AND EXPERIENCE

Positions and employment

Mar, 2012-Upto date: Lecturer/Researcher, Department of Human Pathology, Immunology Unit, University of Nairobi

May-2011-March, 2012: Principal Laboratory Scientist, Nairobi Hospital

2001-May, 2011 Research Scientist, Kenya Aids Vaccine Initiative,
Medical Microbiology Department, University of Nairobi

Professional Membership

1. American Society of Microbiologists (ASM)
2. International Aids Society (IAS)

Awards/Fellowships/Grants/Scholarships

1. ***EDCTP-TDR Clinical Research & Development Fellowship, 2018***
2. ***Carnegie African Diaspora Fellowship, May 2017***
3. ***Advanced Vaccinology Course, 18th -28th September 2016, Johannesburg South Africa (full scholarship)***
4. ***WHO-TDR IMPACT RESEARCH GRANT, 2014***
5. ***Wits African Residence Grant Program*** for Young and Emerging Researchers, Witwatersrand University, Johannesburg South Africa, 2014-2016
6. ***Developing Country Scientists Research Training Fellowship***, May-June, 2013 (NAM &ST, Delhi), India
7. ***EDCT Grant*** on Strengthening National Ethics Research Committees in Kenya , 2011
8. ***International Society of Infectious Diseases (ISID) Academic Exchange Fellowship*** 2010, University of Witwatersrand, South Africa
9. ***International Aids Society (IAS) and National Institute of Drug and Abuse (NIDA) joint postdoctoral fellowship on HIV research and drug abuse***, July 22nd 2009, Cape Town, South Africa under University of Manitoba, Canada
10. ***International travel scholarship***, AIDS Vaccine 2008, Cape Town, South Africa.
11. ***Global health travel awards***, Keystone symposia, May 14-20th 2008, Kampala-Uganda
12. ***International Atomic Energy Agency (IAEA) Scientific Visit fellowship***, March-April, 2008, Institute of Infectious Diseases & Molecular Medicine (University of Cape Town, S. Africa)
13. ***HIV Research Trust Scholarship, UK (PhD thesis Grant) 2006-2009***

PEER REVIEWED PUBLICATIONS & SUBMISSIONS

- 1 Oyaró, **Micah O.**, Kimberly Plants-Paris, Dayna Bishoff, Paul Malonza, Christopher S. Gontier, Herbert L. DuPont, and Charles Darkoh. "High rate of Clostridium difficile among young adults presenting with diarrhea at two hospitals in Kenya." *International Journal of Infectious Diseases* 74 (2018): 24-28
- 2 Plants-Paris, Kimberly, Dayna Bishoff, **Micah O. Oyaró**, Bakari Mwinyi, Cynthia Chappell, Adelaide Kituyi, James Nyangao, Daud Mbatha, and Charles Darkoh. "Prevalence of Clostridium difficile Infections Among Kenyan Children with Diarrhea." *International Journal of Infectious Diseases* (2019).

- 3 **Oyaro M**, Wylie J, Chen C-Y, Ondondo RO, Kramvis A. Human immunodeficiency virus infection predictors and genetic diversity of hepatitis B virus and hepatitis C virus co-infections among drug users in three major Kenyan cities. *Southern African Journal of HIV Medicine*. 2018;19(1):737. doi:10.4102/sajhivmed.v19i1.737.
- 4 Kamini Gounder, Kamini, **Micah Oyaro**, Nagavelli Padayachi, Thando Mbali Zulu, Tulio de Oliveira, John Wylie, and Thumbi Ndung'u. "Complex subtype diversity of HIV-1 among drug users in major Kenyan cities." *AIDS Research and Human Retroviruses* ja (2017).
- 5 **Micah Oyaro**, John Mbithi, Fred Oyugi, Annette Laten, Omu Anzala, Susan Engelbrecht Molecular Characterization of HIV Type 1 Among HIV-Infected Respondents in a Cohort Being Prepared for HIV Phase III Vaccine Clinical Trials, Western Kenya. *AIDS Research and Human Retroviruses*, 2011, 27(3): 257-264
- 6 Gloria S. Omosa-Manyonyi, Walter Jaoko, Omu Anzala, Hilda Ogutu, Sabina Wakasiaka, Roselyn Malogo, Jacqueline Nyange, Pamela Njuguna, Jeckoniah Ndinya-Achola, Kirana Bhatt, Bashir Farah, **Micah Oyaro**, Claudia Schmidt, Frances Priddy, Patricia Fast. Reasons for Ineligibility in Phase 1 and 2A HIV Vaccine Clinical Trials at Kenya Aids Vaccine Initiative (KAVI), Kenya. *PLoS One*, 2011; 6(1): e1458
- 7 Walter Jaoko, Frederick N Nakwagala, Omu Anzala, Gloria Omosa Manyonyi, Josephine Birungi, Annet Nanvubya, Farah Bashir, Kirana Bhatt, Hilda Ogutu, Sabina Wakasiaka, Lucy Matu, Wambui Waruingi, Jane Odada, **Micah Oyaro**, Jackton Indangasi, Jeckonia Ndinya- Walter Jaoko, et al., (2008): Safety and immunogenicity of recombinant low-dosage HIV-1 A vaccine candidates vectored by plasmid pTHr DNA or modified vaccinia virus Ankara (MVA) in humans in East Africa. - *Vaccine*, 26(22):2788-95

ORAL PRESENTATIONS & POSTERS MADE AT CONFERENCES

2013: ICASA 2013, Cape Town (Oral Presentation)

What Do We Know Now? Natural History and Molecular Epidemiology of HIV, HCV and genetic diversity of HBV infection among drug users in Kenya [ADS100] Micah Oyaró

2. Functional capacity and networking among national ethics research committees in Kenya: a needs assessment survey, Seventh EDCTP Forum, Senegal (**Poster Abstract, 2013**)

SUPERVISORY EXPERIENCE

PhD Students: One ongoing

Masters Students: Four (Three completed, one ongoing)

Bachelors: Seven completed (One ongoing)

RESEARCH INTERESTS

Molecular Epidemiology and immunology of infectious agents (HIV, Hepatitis B Virus (HBV) and Hepatitis C (HCV) Virus), other viral infections of public health importance, viral interaction with host immune system and translation of this knowledge into policy and intervention strategies, scientific writing and grant application

RESEARCH COLLABORATIONS

1. University of Witwatersrand, Johannesburg South Africa

Project: HBV and HCV molecular characterizations among drug users in Kenya at **Prof. Anna Kramvis'** Laboratory, Hepatitis Diversity Research Program (HDVRP)

2. Dr. Wylie John, **University of Manitoba, Winipeg, Canada (HIV, HBV, HCV Molecular epidemiology and drug abuse in Kenya)**
3. Prof. Thumbi Ndung'u, **Univeristy of KwaZulu-Natal, Durban (HIV Molecular characterization among drug users in Kenya)**

REFEREES

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