

CURRICULUM VITAE

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

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CURRENT EMPLOYMENT:

FIRST NAME	MIDDLE NAME	POSITION/TITLE
Micah	Ongeri	
SURNAME (FAMILY NAME)		Research Scientist/Lecturer University of Nairobi.
Oyaro		

EDUCATION TRAINING (POST-SECONDARY):

INSTITUTION AND LOCATION	DEGREE	YEAR (s)	FIELD OF STUDY
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Kenyatta University, Nairobi	PhD	2nd July, 2010	Molecular Virology -HIV epidemiology
Dr. Babasaheb Ambedkar Marathwada University, India	MSc 1 st Division	1997-1999	Biochemistry - Recombinant DNA technology- - Molecular Biology - Metabolism I & II
Dr. Babasaheb Ambedkar Marathwada University, India	BSc 2 nd Division	1994-1997	SUBJECTS 1. Microbiology (Major) -Medical Microbiology -Immunology 1 & II -General classification 2. Chemistry - Organic Chemistry -Physical Chemistry -Inorganic Chemistry 3. Botany - Classification - Medicinal Plants -Economic Botany

A. POSITIONS AND EXPERIENCE

Positions and employment

March 2012-up-to date Research Scientist, Lecturer, Human Pathology Department,
University of Nairobi

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

2001-April, 2011 Research Scientist, Kenya Aids Vaccine Initiative, University of
Nairobi

2004-2010 Laboratory QA manager, KAVI

2001-2004 Secretary to technical clinical trial working team, KAVI

Responsibilities

1. Writing and submission of protocols (clinical trials)

2. Standardization and validation of new laboratory assays/methodologies
3. Reviewing research protocols and ethical issues (Clinical trial protocols)
4. Maintain an inventory of all equipment and supplies for clinical trials
5. submission of quarterly report
6. Receiving samples and performing immunological assays
7. Writing of laboratory standard operating procedures (SOPs)
8. Implementing quality assurance standards (QA/QC protocols)
9. Laboratory Quality Assurance monitoring(Internal QA manager)
10. Training new and current laboratory staff on existing SOPs and new assays

Working Experience

Current position : **Lecturer & Research Scientist**, Immunology Unit,
Human Pathology

April 2011-Feb 2012 : **Principal Laboratory Scientist**, The Nairobi Hospital

April 2001 – March 2011 : **Research Scientist**, Working at Kenya Aids Vaccine Initiative (KAVI)

May –September 2001 : **Technologist**, Worked at MP Shah Hospital.

Jan – March 2001 : **Volunteer Scientist**, Worked at Nairobi Hospital

Professional Membership

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

Other skills

- Computer applications (MS office, excel, power point, Data analysis)
- Surveillance of infectious diseases and assessment of laboratory functional capacity at National level
- Proposal development (writing research grants)
 - (a) International academic exchange fellowship (US \$ 7,500)
 - (b) International Scientific Visit fellowship (US \$, 3,000)
 - (c) HIV research Trust Grant (PhD project), US \$, 17,000
 - (d) HIV, HBV/HCV and Drug Abuse Research (IAS-NIDA) Research Grant, US \$, 75,000
 - (e) EDCTP Ethics strengthening Grant (€ 50,000)

(f) Research Training Fellowship for Developing Country Scientists (10,000 \$)

Professional work-related training/Workshop/Seminars

- 1st-5th Sept 2008** Attended 14th International Bioinformatics workshop in virus Evolution and Molecular Epidemiology, **Western Cape University, Cape Town, South Africa**
- 1st Mar-4th April, 2008** Advanced Immunology & Molecular techniques, Institute of Infectious Diseases and Tropical Medicine, **University of Cape Town, S. Africa**
- 11th Aug-01 Sep, 2007** Trained in advanced laboratory molecular assays (PCR, Sequencing techniques, Medical Virology, **Stellenbosch University, Cape Town S. Africa**
- 21st Jan-2nd Feb 2007** ARCAN sponsored Project, Training-of-Trainers (TOT) course on Laboratory QC/QA procedures and aspects on ARV Monitoring **EHNRI, ETHIOPIA**
- 21st- 22nd August 2006:** HIV p24 assay (Research protocol, Beckman Coulter Kit) **S. Africa**
- 16-18 August 2006** : Clinical Chemistry (SELECTRA E) training, QC/QA Protocols, **S. Africa**
- 10th-12th May 2006** : Advanced Operator ACT5 Diff Course (haematology QC/QA) **South Africa.**
- 8th- 9th May 2006** : FACSCount (CD4/CD8) Training workshop, **South Africa**
- 27th – 31st Mar 2006** : Regional Training Course on ELISPOT, **University of Nairobi**
- 3rd – 4th Oct 2005** : Laboratory procedures, Pharmacy, Vaccine handling and data Management, V001 Research protocol, **Nairobi-Kenya**
- 18th – 20th Oct 2004** : Trained in Selectra E machine and Quality Control/assurance in Clinical Chemistry, **South Africa.**
- 22nd Jun 2004** : Liquid Nitrogen handling and safety, University of Nairobi, **KAVI**
- 4th – 8th April 2005** : HIV BED CEIA training Workshop, **South Africa**
- 12th –19th August 2003:** Attended 20th NRL workshop on QC/QA in serology (EQAS), **Sydney, Australia**

5th –9th August, 2003: Attended Quality Control in Haematological analysis organized by Beckman Coulter Ltd, **Kenya**

27-28th Feb, 2003 : Trained in Clinical Safety issues in handling Volunteers in Uganda by John Hopkins group, USA

22nd Nov – 2nd Dec. 2002: Trained in ELISPOT and Cytokine (ICA) Assays, **London.**

21st – 22nd Nov. 2002 : Trained in Good Clinical Laboratory Practice (GCLP), IAVI Core Laboratory, **London.**

7th – 13th July 2002 : Attended AIDS conference at **Barcelona, Spain.**

19th – 21st June 2001 : Trained in Good Clinical Practice (GCP) at KAVI by John Hopkins group, USA

Awards/Fellowships/Grants/Scholarships

1. International Society of Infectious Diseases (ISID) Academic Exchange Fellowship to visit Witwatersrand University, Hepatitis Diverse Program, Department of Internal Medicine ,1st May-31 May, 2010
2. EDCTP bursary award to attend fifth forum on HIV/AIDS, Malaria and TB conference in Arusha, Tanzania from 12th -14th October 2009
3. **International Aids Society (IAS) and National Institute of Drug and Abuse (NIDA) on HIV research and drug abuse**, July 22nd 2009, Cape Town, South Africa during the international conference on HIV pathogenesis, prevention and treatment.
4. International travel scholarship, AIDS Vaccine 2008, Cape Town, South Africa.
5. Global health travel awards, Keystone symposia, May 14-20th 2008, Kampala-Uganda
6. **International Atomic Energy Agency (IAEA) Scientific Visit fellowship**, March-April, 2008 (University of Cape Town, S. Africa)
7. **HIV Research Trust Scholarship, UK (PhD thesis Grant) 2006-2009**
8. African Regional Capacity building Network for HIV/AIDS prevention, Treatment and Care (**ARCAN**) fellowship award to Ethiopian Health and Nutritional Research Institute (EHNRI), Ethiopia, from 21st Jan – 2nd Feb, 2007

PUBLICATIONS (ACCEPTED)

1. **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

2. 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): e14580
3. 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-Achola, Carol Konde, Emmanuel Mugisha, Patricia Fast, Claudia Schmidt, Jill Gilmour, Tony Tarragona, Carol Smith, Burc Barin, Len Dally, Bruce Johnson, Andrew Muluubya, Leslie Nielsen, Peter Hayes, Mark Boaz, Peter Hughes, Tomas Hanke, Andrew McMichael, Job Bwayo and Pontiano Kaleebu (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
4. Karita, Etienne^a; Price, Matt^b; Hunter, Eric^c; Chomba, Elwyn^d; Allen, Susan^e; Fei, Lin^e; Kamali, Anatoli^f; Sanders, Eduard J^{g,h}; Anzala, Omuⁱ; Micah, Oyaro; Katende, Michael^j; Ketter, Nzeera^b; the IAVI Collaborative Sero-prevalence and Incidence Study Team. **Investigating the utility of the HIV-1 BED capture enzyme immunoassay using cross-sectional and longitudinal seroconverter specimens from Africa:** AIDS: 2007 - Volume 21 - Issue 4 - p 403-408
5. Anzala O, Bashir MF, **Oyaro M**, Oyugi F, Bwayo JJ, Jaoko WG, Manyonyi GO. 2004. **CD4 and CD8 T - Lymphocyte distribution among healthy Kenyans enrolling in an HIV vaccine trial.** *Int Conf AIDS.* 2004 Jul 11-16; 15: abstract no. ThPeA7001, Bangkok, Thailand).
6. *B M Farah¹, S Ogola¹, J Indangasi¹, M Oyaro¹, O Anzala¹, G Omosa-Manyonyi¹, W Jaoko¹, J Gillmour², J Bwayo¹* **The use of viral peptides as a quality control for ELISPOT assays in HIV-1 vaccine trials in Kenya.** *Int Conf AIDS.* 2004 Jul 11-16; 15: abstract no. A10065, International Conference on AIDS (15th : 2004 : Bangkok, Thailand

ABSTRACTS (ACCEPTED)

1. **Micah O**, John M, Omu A, Fred O, Annette L, Susan E. Molecular characterization of HIV-1 among respondents in a cohort being prepared for HIV phase III vaccine clinical trials in western Kenya. *Translating New Technologies to Improve Public Health in Africa*” May 15-20, 2008, Kampala, Uganda (214). *Keystone Symposia*, “

2. **Micah O**, John M, Omu A, Fred O, Omu A. HIV-1 molecular subtypes and hepatitis viral co-infections in a cohort being prepared for HIV vaccine clinical trials, western Kenya. (*Abstract accepted at AIDS Vaccine 2008, Cape Town, South Africa, 13th-16th October, 2008 (P19-19)*)
3. **Micah O**, Omu A, Fred O, Annette L, Susan E, John M. HIV-1 recombinants and their distribution by gender among HIV-infected individuals, Western Kenya. (*Abstract accepted at XVII International AIDS Conference, 3rd-8th August 2008, Mexico City, America (THE0025)*)

REFEREES

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