





Presented by:

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GloCal Fellow, 2015 and PI, SPARCO-Tanzania
Senior Lecturer, Physiology and Director, Postgraduate Studies
Muhimbili University of Health and Allied Sciences (MUHAS)



GloCal Career Development Webinar May 19th, 2021

Outline

- Professional training
- Fellowships
- Grants

♦ MD (2000–2005) at Muhimbili University College of Health Sciences (MUCHS), by then constitute college of the University of Dar-es-salaam (now MUHAS).

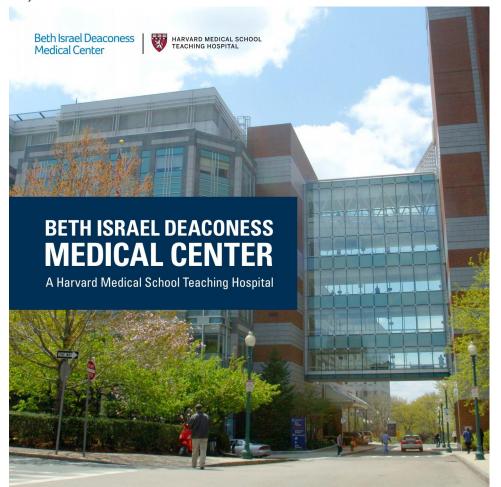




◆ PhD (2008–2012) at Dartmouth Medical School, Hanover, NH, US.



▶ Post-doc (2012–2014) at Harvard Medical School, Boston, MA, US.



Fellowships

- Dartmouth-Boston University Fogarty AIDS Training and Research Program (AITRP)
 - ▲ At Dartmouth (2008-2012)
 - Supported my PhD
- - ♦ At Muhimbili University (2015-2016)
 - Supported my relocation to Tanzania



International Institution & Mentors

International Institution – Muhimbili University of Health and Allied Science (MUHAS), Dar-es-salaam, Tanzania

- 1. UCSF Mentor Teri Reynolds MD, MS, PhD
- 2. Trans Mentor (UNMC)- Stephen Obaro MD, PhD, FRCPCH, FAAP
- 3. International Inst. Mentor Julie Makani MD, PhD, FRCP, FTAAS

Fellowships

Tanzania Journal of Health Research Volume 19, Number 2, April 2017

Increased memory phenotypes of CD4+ and CD8+ T cells in children with sickle cell anaemia in Tanzania

EMMANUEL BALANDYA1*, TERI REYNOLDS 1,2, SAID ABOUD1, STEPHEN ORAC Muhimbili University of Health and Allied Sciences, P.O. Box 65,004

²University of San Francisco, California, San Francisco, University of San Francisco, California, San Francisco, University of San Francisco, University of San Francisco, California, San Francisco, University of San Francisco, University of San Francisco, California, San Francisco, University of San Francisco ³University of Nebraska Medical Centre, Nebrasi

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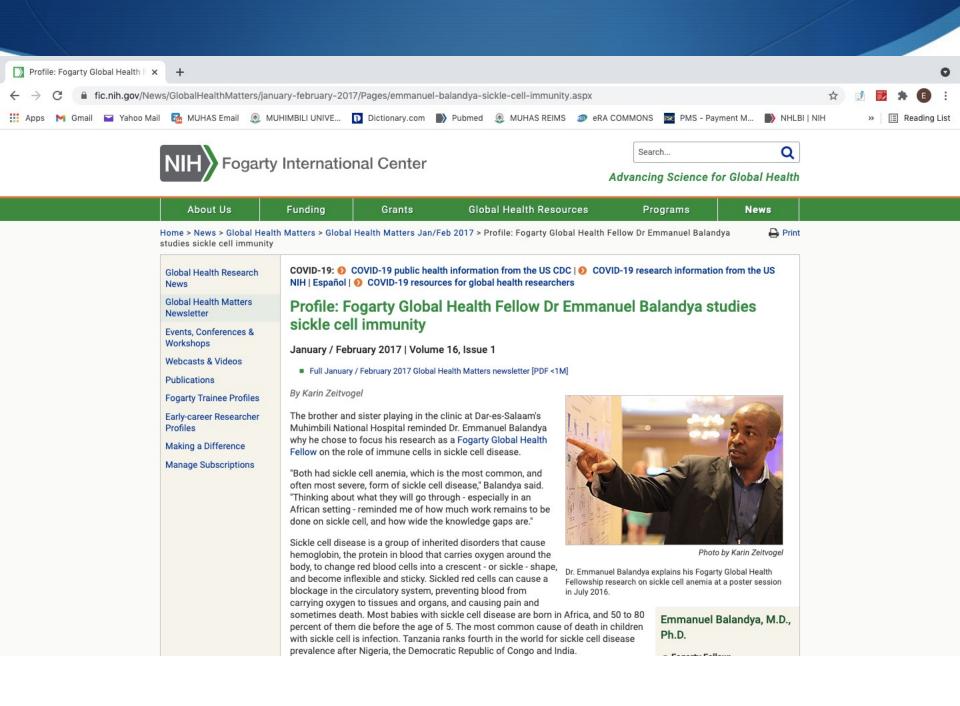
CRITICAL REVIEW

Alteration of lymphocyte phenotype and function in sickle cell anemia: Implications for vaccine responses



Emmanuel Balandya, 1* Teri Reynolds, 1,2 Stephen Obaro, 3,4 and Julie Makani 1

American Journal of Hematology, doi:10.1002/ajh.24438



Past

Grant	Duration	Aim	Role
U24 HL 135881 (Makani) - Sickle Pan-African Research Consortium (SPARCO)	2017- 2021	To promote, strengthen and develop research as a strategy for improving health, advocacy and training in sickle cell disease in Africa	Co-investigator



Grant	Duration	Aim	Role
U01 HL 156853 (Balandya)- Sickle Pan- African Research Consortium (SPARCO) - Tanzania	2021- 2026	To promote, strengthen and develop research as a strategy for improving health, advocacy and training in sickle cell disease in Tanzania as part of the larger Sickle Cell Disease in Sub-Saharan Africa Network	Principal Investigator



Grant	Duration	Aim	Role
R25 TW011227 (Kwesigabo/Kaaya) - Transforming Health Professions Education in Tanzania (THET)	2018- 2023	To produce health professionals through innovative education strategies, who are competent and ready to practice interprofessionally whenever they are in Tanzania to take care of patients including those with HIV/AIDS.	Co-investigator

Balandya et al. BMC Medical Education (2021) 21:166 https://doi.org/10.1186/s12909-021-02611-0

BMC Medical Education

RESEARCH ARTICLE

Open Access

Building sustainable research capacity at higher learning institutions in Tanzania through mentoring of the Young Research Peers



Emmanuel Balandya^{1*}, Bruno Sunguya¹, Daniel W. Gunda², Benson Kidenya², Tumaini Nyamhanga¹, Irene K. Minja¹, Michael Mahande³, Blandina T. Mmbaga³, Stephen E. Mshana², Kien Mteta³, John Bartlett⁴ and Eligius Lyamuya¹

Grant	Duration	Aim	Role
D43 TW009573 (Adams) - Dartmouth- Boston University HIV-TB Research Training for the Infectious Disease Institute at MUHAS	2013- 2023	To build research capacity for HIV and HIV/TB epidemiology for faculty at MUHAS in order to support the MUHAS Infectious Disease Institute.	Co-investigator

Grant	Duration	Aim	Role
D43 TW010946 (Hawkins/Hirsch horn) - Building capacity for patient centered outcomes research to improve the quality and impact of HIV care in Tanzania	2019-2024	To build capacity among Tanzanian investigators to lead Patient-Centered Outcomes Research (PCOR) in HIV disease prevention, care and treatment and HIV-related comorbidities.	Co-investigator

Grant	Duration	Aim	Role
NORHED 69940 (Moen, Kåre) - Strengthening Doctoral Education for Health in Tanzania (DOCEHTA)	2021- 2026	To improve PhD training at MUHAS and University of Dodoma in Tanzania through development of Research Training short courses, postgraduate guidelines, online application system, training of PhD supervisors and PhD scholarships.	Co-investigator

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- Create a track record (body of work, applications)

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- ♦ You may have to allocate a block of time when you work very hard to make significant career steps









Thank you