

<http://hdl.handle.net/1765/126951>



Epilogue



ABOUT THE AUTHOR

Grace Kaguthi was born in Nairobi, Kenya on 21st September 1982. She completed her undergraduate degrees in Medicine and Surgery at the University of Nairobi in 2006 and her MSc in Clinical Trials from the University of London in 2012. In 2008, having worked for the Ministry of Health, she joined the TBVAC research project as a study coordinator, conducting the studies described in this thesis. Since then she has led more than a dozen phase II and III trials of TB vaccines among adults and infants, as well as malaria, tuberculosis and sickle cell disease drug therapies. In 2014, she began her PhD. She has been supervised and mentored by Prof Jan Hendrik Richardus, Dr Jurriaan E.M. de Steenwinkel and Dr Suzanne Verver.

PHD PORTFOLIO: SUMMARY OF PHD TRAINING AND TEACHING

Name PhD Candidate: Grace K. Kaguthi	Promoter: Prof. dr. J.H. Richardus
Erasmus MC Department: Department of Public Health	Co-promoter: dr. J.E.M. de Steenwinkel

1. PhD training

Courses	Year	ECTS
Good clinical practice (online)	2008 - 2020	1
Erasmus summer program	2012	4
Erasmus summer program	2013	4
Advanced vaccinology (Pasteur institute, Annecy)	2013	3
Publications masterclass (Vienna school of clinical research)	2014	1
Advanced epidemiological analysis (University of London - LSHTM)	2015	4
Inferential statistics (Centre for statistical analysis and research - CESAR)	2014	1.5
International course on clinical management of drug resistant TB (Bangkok)	2014	1.5

Presentations

3 rd Global TB vaccine forum (Estonia)	2010	1
6 th EDCTP Forum (Addis Ababa)	2011	1
42 nd World Union Conference on Lung Health (Lille)	2011	1
61 st ASTMH (Atlanta)	2012	1
45 th World Conference on Lung Health (Barcelona)	2014	1
5 th Global TB Vaccine Forum (Cape Town)	2014	1
4 th Global TB Vaccine Forum (Shanghai)	2015	1
68 th ASTMH (Washington DC)	2019	1

2. Teaching

KEMRI Statistical Analysis and Publications workshop	2017	1
KEMRI Systematic Reviews and Meta-analysis workshop	2018	1

PUBLICATIONS

Chest Radiographs for Pediatric TB Diagnosis: Inter-rater Agreement and Utility. Interdisciplinary Perspectives on Infectious Diseases Volume 2014, Article ID 291841, **G. Kaguthi**, V. Nduba, J. Nyokabi, F. Onchiri, R. Gie and M. Borgdorff

A double-blind, randomised, placebo-controlled, dose-finding trial of the novel tuberculosis vaccine AERAS-402, an adenovirus-vectored fusion protein, in healthy, BCG-vaccinated infants (Vaccine. 2015 Jun 9;33(25):2944-54. doi: 10.1016/j.vaccine.2015.03.070. Epub 2015 Apr 28.) Tameris M, Hokey DA, Nduba V, Sacarlal J, Laher F, **Kiringa G**, Gondo K, et al

Predictors of post neonatal mortality in Western Kenya: a cohort study. **Grace Kaguthi**, Videlis Nduba, Martien W. Borgdorff, Suzanne Verver. The Pan African Medical Journal 2018;31:114. doi:10.11604/pamj.2018.31.114.16725

The Incidence of Non-Tuberculous Mycobacteria in Infants in Kenya. **Grace Kaguthi**, Videlis Nduba, Wilfred Murithi and Suzanne Verver. The Journal of Tropical Medicine, Volume 2019, Article ID 1273235

The incidence of tuberculosis in infants, Siaya District, western Kenya. Videlis Nduba[§], **Grace Kaguthi**[§], AH van 't Hoog, E.M.H.Mitchell, M. Borgdorff. Accepted, The Pediatric Infectious Disease Journal, Jul 2020. ([§]*contributed equally*)

The impact of the nurses', doctors' and clinical officer strikes on mortality in four health facilities in Kenya. **Grace Kaguthi**, Videlis Nduba, Mary Beth Adam. Submitted, BMC Health Services Research

ACKNOWLEDGEMENTS

There are many people who made this all come together. I couldn't possibly list them all. My foremost appreciation to the God of Israel who freely gave me among other things; time, the opportunity and the perfect mentors. My esteemed supervisor **Prof. J.H. Richardus** who midwifed this PhD ably and with great tact. You took a risk. I hope you are satisfied with the outcome. **Dr. Jurriaan**, thank you for putting in the hours to make this a success and with great quirky humor. I am taking undue credit for your keen attention and directness. **Dr. Suzanne**, I owe you, together with my unborn children and their children. You are generous, tough and smart. You get extra points for speaking to my mother in Swahili!. I am also grateful to the accomplished Prof. Martien W. Borgdorff, who unwittingly showed me how to think critically (numbers do not lie).

I thank my first research mentor, Dr Videlis Nduba, for teaching me how to break down a dataset, code and analyze in STATA. Your can-do mindset inspires me. Geoffrey Oduwo, Dickson Gethi for their statistical support, Prisca Rabuogi, Ezra Kiprotich and the entire study team, I learnt much from leading you.

I especially thank my parents. There is no doubt, your names should be appended on the cover page. This belongs as much to me as it does to you. Your encouragement and grit are irreplaceable. I dedicate this to you.