

CURRICULUM VITAE

RICARDO THOMPSON

PERSONAL INFORMATION

BIRTH DATE: February 11, 1961

GENDER: Male

NATIONALITY: Mozambican

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PROFESSIONAL HISTORY

Since 2007	Director, Chókwe Health Research and Training Centre (CITSC), Gaza, Mozambique
Since February 2010	Researcher Coordinator, National Institute of Health, Mozambique
2001 to 2008	Scientific Director, National Institute of Health, Mozambique
2002 to 2012	Senior Consultant, Consultores em Saúde Pública (CESP), Maputo, Mozambique
1999 to 2008	Head of the Department of Blood Parasitology, National Institute of Health, Mozambique
1999 to 2004	Senior Researcher, Manhica Health Research Centre, Mozambique
1992 to 2004	Lecturer and Head of the Department of Human Parasitology, Faculty of Medicine, University Eduardo Mondlane, Mozambique
Since 1990	Researcher, Department of Blood Parasitology, National Institute of Health,

ACADEMIC BACKGROUND

1995-99	Ph.D., Faculty of Health Sciences, University of Aarhus, Denmark. Concentration: Epidemiology
1983-1987	DVM, Veterinary Faculty, Eduardo Mondlane University, Mozambique

TEACHING EXPERIENCE

Over the years supervised several BSc, fourteen MSc and six PhD students. Chair of Human Parasitology for 10 years at Eduardo Mondlane University Medical School, in Mozambique.

MEMBERSHIP OF TECHNICAL GROUPS AND INTERNATIONAL NETWORKS

- Commissioner, Lancet One Health Commission, hosted by the Centre for Global Health at University of Oslo (UiO). Since January 2019.
- Member of the WHO Onchocerciasis Technical Advisory Subgroup to the NTD Monitoring and Evaluation Working Group. Since July 2017.
- Member of the Schistosomiasis Control Initiative Scientific and Technical Advisory Board, Imperial College in London, since June 2017.
- Member of the Carter Centre's International Task Force for Disease Eradication (ITFDE), since October 2014.
- Vice-Chairman of the WHO NTD Programme Review Group (RPRG) for the African Region, June-February 2019.
- Member of APOC transition Task Force. The task force supported the process of redefining the role of APOC between 2015-2025. May 2013 to December 2014.
- Member of the Representative Contact Group (RCG) of the Global Alliance to Eliminate Lymphatic Filariasis (GAELF). 2013-2019.

- Member of the CDC's Onchocerciasis Advisory Group. 2013-2017.
- Chairman of the Joint Working Group Lymphatic Filariasis – Onchocerciasis in the WHO African Region. October 2012 to October 2014
- Chairman of the Programme Review Group (RPRG) for the Elimination of Lymphatic Filariasis for the African Region, since May 2011 to June 2014.
- Member of the Advisory Panel of Experts to former President Joaquim Chissano on the Global Framework of Climate Services, 2010.
- Member of the Advisory Group for the Post-Approval Programme of the RTSS malaria vaccine, for PATH-MVI, 2010.
- Member of the WHO Programme Review Group (RPRG) for the Elimination of Lymphatic Filariasis for the African Region, since 2009.
- Senior Technical Adviser for the Neglected Tropical Diseases Program, Ministry of Health, Mozambique, since 2009.
- Member of Multi-Sectoral Technical Group for HIV/AIDS in Mozambique, 2007-2009
- Member of the group of experts for the establishment of the Science, Technology and Innovation System in Mozambique, 2005-2007.
- Member of the group of experts for the development of the Strategic Plan for Science and Technology in Mozambique, 2005-2006.
- Member of the Board of Trustees of INDEPTH (International Network of field sites with continuous Demographic Evaluation of Populations and Their Health in developing countries, from January 2002 to January 2003.
- Member of the working group for the establishment of the European-Developing Countries Clinical Trials Partnership (EDCTP) from December 2001 to January 2003.
- President of the Scientific Committee for the XI, XII and XIII Mozambique's National Health Conference, 2001, 2005 and 2009.

LANGUAGE SKILLS

Fluent in Portuguese and English. Good working knowledge of Spanish and French.

COMPUTER SKILLS

Experienced in the use of several software packages namely, Microsoft Word, Microsoft Excel, Microsoft Power Point, Microsoft Access, Dbase, SPSS, MapInfo, EPI Info. Some experience in the use of SAS, ArcView, QGIS, Idrisi and Windisp.

PUBLICATIONS & REPORTS

1. Shodell, D., Nelson, R., MacKellar, D., **Thompson, R.**, Casavant, I., Mugabe, D., ... Vergara, A. (2018). Low and Decreasing Prevalence and Rate of False Positive HIV Diagnosis - Chókwè District, Mozambique, 2014-2017. *MMWR. Morbidity and mortality weekly report*, 67(49), 1363–1368. doi:10.15585/mmwr.mm6749a3
2. Shodell D, Nelson R, MacKellar D, **Thompson R**, Casavant I, Mugabe D, Pals S, Ujamaa D, Bonzela J, Cardoso J, Machava S, Lourenço C, Yang C, Parekh B, Pathmanathan I, Auld AF, Tamele S, Ouane MA, Macome V, Chicucue N, Amane G, Kohatsu L, Honwana N, Wei S, Kerndt PR, Monterroso E, Vergara A (2018). Low and Decreasing Prevalence and Rate of False Positive HIV Diagnosis - Chókwè District, Mozambique, 2014-2017. *MMWR Morb Mortal Wkly Rep*. 2018 Dec 14;67(49):1363-1368. doi: 10.15585/mmwr.mm6749a3.
3. Scobie HM, Patel M, Martin D, Mkocha H, Njenga SM, Odiero MR, Pelletreau S, Priest JW, **Thompson R**, Won KY, Lammie PJ (2017). Tetanus Immunity Gaps in Children 5-14 Years and Men ≥ 15 Years of Age Revealed by Integrated Disease Serosurveillance in Kenya, Tanzania, and Mozambique. *Am J Trop Med Hyg*. 2017 Feb 8;96(2):415-420. doi: 10.4269/ajtmh.16-0452. Epub 2016 Dec 5. Central PMCID: PMC5303047.
4. Toure OA, Valecha N, Tshefu AK, **Thompson R**, Krudsood S, Gaye O, Rao BH, Sagara I, Bose TK, Mohanty S, Rao BS, Anvikar AR, Mwapasa V, Noedl H, Arora S, Roy A, Iyer SS, Sharma P, Saha N, Jalali RK; AM-PQP Study Team (2016). A Phase 3, Double-Blind, Randomized Study of Arterolane Maleate-Piperaquine Phosphate vs Artemether-Lumefantrine for Falciparum Malaria in Adolescent and Adult Patients in Asia and Africa. *Clin Infect Dis.*, 15; 62(8):964-71. doi: 10.1093/cid/ciw029. Epub 2016 Feb 21.

5. Langa J, **Thompson R**, Arnaldo P, Resque H, Rose T, Fialho A, Assis R, Enosse, S, Leite, JP (2016). Epidemiology of rotavirus A diarrhea in Chókwè, Southern Mozambique, from February to September, 2011. *J Med Virol.*; 88(10):1751-8. doi: 10.1002/jmv.24531. Epub 2016 Mar 29.
6. Feldblum PJ, Enosse S, Dubé K, Arnaldo P, Muluana C, Banze R, Nhanala A, Cunaca J, Chen PL, Robb ML, **Thompson R** (2014). HIV prevalence and incidence in a cohort of women at higher risk for HIV acquisition in Chókwè, southern Mozambique. *PLoS One*. 2014 May 19;9(5):e97547. doi: 10.1371/journal.pone.0097547. eCollection
7. García HM, **Thompson R**, Valera R, Fando R, Fumane J, Jani I, Mirabal M, Armesto MI, et al. (2011). A single dose of live-attenuated 638 *Vibrio cholerae* oral vaccine is safe and immunogenic in adult volunteers in Mozambique. *VaccinMonitor* 20(3):1-8
8. Arnaldo P, **Thompson RE**, Lopes MQ, Suffys PN, Santos AR (2013). Frequencies of Cytochrome P450 2B6 and 2C8 Allelic Variants in the Mozambican Population. *Malays J Med Sci*. 2013 Jul;20(4):13-23.
9. Sítóe S, Rafael B, Meireles L, de Andrade Jr H, **Thompson R** (2010). Preliminary report of HIV and *Toxoplasma gondii* occurrence in pregnant women from Mozambique. *Rev. Inst. Med. Trop. S. Paulo*, Vol. 52 (6): 291-5.
10. Tshefu AK, Gaye O, Kayentao K, **Thompson R**, Bhatt KM, Sesay SSS, Bustos DG, Tjitra E, Bedu-Addo G, Borghini-Fuhrer I, Duparc S, Shin CS, Fleckenstein L and the Pyronaridine-artesunate Study Team (2010). Efficacy and safety of a fixed-dose oral combination of pyronaridine-artesunate compared with artemether-lumefantrine in children and adults with uncomplicated *Plasmodium falciparum* malaria: a randomised non-inferiority trial. *The Lancet*, 375 (9724): 1457 - 1467
11. **Thompson R**, Augusto G, Nalá R (2009). Evaluation of the Food Security and Vulnerability in Patients in Antiretroviral Treatment in Mozambique. Report for the World Food Programme Mozambique Country Office.
12. Duce P, Young P, Foreit K, Gaspar M, Norte G, Chilundo B, **Thompson R** (2008). HIV/AIDS Demographic Impact in Mozambique. Update: 2007 Epidemiological Surveillance Round. Published by Instituto Nacional do Livro e do Disco, Reg. Nº 5737/RLINLD/2008.
13. Mozambique's Multi-Sectoral Technical Group on HIV/AIDS (2008). Report on the update of HIV Epidemiological Surveillance Data. 2007 Round. Published by Instituto Nacional do Livro e do Disco, Reg. Nº 5532/RLINLD/2008.
14. Sacarlal J, Nhalungo DA, Sigauque B, Nhalungo DA, Abacassamo F, Sacoora CN, Aide P, Machevo S, Nhampossa T, Macete EV, Bassat Q, David C, Bardají A, Letang E, Saúte F, Aponte JJ, **Thompson R**, Alonso PL (2009). A 10 year study of the cause of death in children under 15 years in Manhica, Mozambique. *BMC Public Health*. 24;9:67
15. Enosse S, Magnussen P, Abacassamo F, Gómez-Olivé X, Rønne AM, **Thompson R**, Alifrangis M (2008). Rapid increase of *Plasmodium falciparum* dhfr/dhps resistant haplotypes, after the adoption of sulphadoxine-pyrimethamine as first line treatment in 2002, in southern Mozambique. *Malar J*. Jul 1;7:115
16. Abdullah S, Adazu K, Masanja H, Diallo D, Hodgson A, Ilboudo-Sanogo E, Nhalungo A, Owusu-Agyei S, **Thompson R**, Smith T, Binka FN. (2007). Patterns of age-specific mortality in children in endemic areas of sub-Saharan Africa. *Am J Trop Med Hyg*. 77(6 Suppl):99-105
17. Macete EV, Sacarlal J, Aponte JJ, Leach A, Navia MM, Milman J, Guinovart C, Mandomando I, López-Púa Y, Lievens M, Owusu-Ofori A, Dubois MC, Cahill CP, Koutsoukos M, Sillman M, **Thompson R**, Dubovsky F, Ballou WR, Cohen J, Alonso PL. (2007). Evaluation of two formulations of adjuvanted RTS, S malaria vaccine in children aged 3 to 5 years living in a malaria-endemic region of Mozambique: a Phase I/IIb randomized double-blind bridging trial. *Trials* 26;8:11.
18. Macete E, Aponte JJ, Guinovart C, Sacarlal J, Ofori-Anyinam O, Mandomando I, Espasa M, Bevilacqua C, Leach A, Dubois MC, Heppner DG, Tello L, Milman J, Cohen J, Dubovsky F, Tornieporth N, **Thompson R**, Alonso PL. (2007). Safety and immunogenicity of the RTS,S/AS02A candidate malaria vaccine in children aged 1-4 in Mozambique. *Trop Med Int Health*. 12(1):37-46
19. Nhalungo DA, Sacarlal J, Aponte JJ, **Thompson R**, Alonso P (2006). Levels and trends of demographic indices in southern rural Mozambique: evidence from demographic surveillance in Manhica district. *BMC Public Health*. 30;6:291.
20. Haematological and biochemical indices in young African children: in search of reference intervals (2006). Quintó L, Aponte JJ, Sacarlal J, Espasa M, Aide P, Mandomando I, Guinovart C, Macete E, Navia MM, **Thompson R**, Menéndez C, Alonso PL. *Trop Med Int Health*. 11(11):1741-8
21. Maire N, Aponte JJ, Ross A, **Thompson R**, Alonso P, Utzinger J, Tanner M, Smith T. (2006). Modeling a field trial of the RTS,S/AS02A malaria vaccine. *Am J Trop Med Hyg*. 75(2 Suppl):104-10
22. Quintó L, Aponte JJ, Menéndez C, Sacarlal J, Aide P, Espasa M, Mandomando I, Guinovart C, Macete E, Hirt R, Urassa H, Navia MM, **Thompson R**, Alonso PL (2006). Relationship between haemoglobin and haematocrit in the definition of anaemia. *Trop Med Int Health*. 11(8):1295-302
23. Enosse S, Dobaño C, Quelhas D, Aponte JJ, Lievens M, Leach A, Sacarlal J, Greenwood B, Milman J, Dubovsky F, Cohen J, **Thompson R**, Ballou WR, Alonso PL, Conway DJ, Sutherland CJ. (2006). RTS,S/AS02A malaria vaccine does not induce parasite CSP T cell epitope selection and reduces multiplicity of infection. *PLoS Clin Trials*. 1(1):e5.
24. Roca A, Quintó L, Saúte F, **Thompson R**, Aponte JJ, Alonso PL. (2006). Community incidences of respiratory infections in an actively followed cohort of children <1 year of age in Manhica, a rural area of southern Mozambique. *Trop Med Int Health*. 11(3):373-80
25. Alonso PL, Sacarlal J, Aponte JJ, Leach A, Macete E, Aide P, Sigauque B, Milman J, Mandomando I, Bassat Q, Guinovart C, Espasa M, Corachan S, Lievens M, Navia MM, Dubois MC, Menendez C, Dubovsky F, Cohen J, **Thompson R**, Ballou WR (2005). Duration of protection with RTS,S/AS02A malaria vaccine in prevention of *Plasmodium falciparum* disease in Mozambican children: single-blind extended follow-up of a randomised controlled trial. *Lancet*. 10;366(9502):2012-8.
26. Alonso PL, Sacarlal J, Aponte JJ, Leach A, Macete E, Milman J, Mandomando I, Spiessens B, Guinovart C, Espasa M, Bassat Q, Aide P, Ofori-Anyinam O, Navia MM, Corachan S, Ceuppens M, Dubois MC, Demoitie MA, Dubovsky F, Menéndez C, Tornieporth N,

- Ballou WR, **Thompson R**, Cohen J (2004). Efficacy of the RTS,S/AS02A vaccine against Plasmodium falciparum infection and disease in young African children: randomised controlled trial. *Lancet*. 16-22;364(9443):1411-20.
27. Abacassamo F, Enosse S, Aponte JJ, Gómez-Olivé FX, Quintó L, Mabunda S, Barreto A, Magnussen P, Rønn AM, **Thompson R**, Alonso PL (2004). Efficacy of chloroquine, amodiaquine, sulphadoxine-pyrimethamine and combination therapy with artesunate in Mozambican children with non-complicated malaria. *Trop Med Int Health*. 9(2):200-8
 28. Alifrangis M, Enosse S, Khalil IF, Tarimo DS, Lemnge MM, **Thompson R**, Bygbjerg IC, Rønn AM (). Prediction of Plasmodium falciparum resistance to sulfadoxine/pyrimethamine in vivo by mutations in the dihydrofolate reductase and dihydropteroate synthetase genes: a comparative study between sites of differing endemicity. *Am J Trop Med Hyg*. 2003 69(6):601-6
 29. Charlwood JD, **Thompson R**, Madsen H (2003). Observations on the swarming and mating behaviour of Anopheles funestus from southern Mozambique. *Malar J*. 17;2:2. Epub 2003 Feb 17
 30. Mendis C, Jacobsen JL, Gamage-Mendis A, Bule E, Dgedge M, **Thompson R**, Cuamba N, Barreto J, Begtrup K, Sinden RE, Høgh B (2000). Anopheles arabiensis and An. funestus are equally important vectors of malaria in Matola coastal suburb of Maputo, southern Mozambique. *Med Vet Entomol*. 14(2):171-80.
 31. Høgh B, Gamage-Mendis A, Butcher GA, **Thompson R**, Begtrup K, Mendis C, Enosse SM, Dgedge M, Barreto J, Eling W, Sinden RE (1998). The differing impact of chloroquine and pyrimethamine/sulfadoxine upon the infectivity of malaria species to the mosquito vector. *Am J Trop Med Hyg*. 58(2):176-82
 32. **Thompson R**, Begtrup K, Cuamba N, Dgedge M, Mendis C, Gamage-Mendis A, Enosse SM, Barreto J, Sinden RE, Høgh B (1997). The Matola malaria project: a temporal and spatial study of malaria transmission and disease in a suburban area of Maputo, Mozambique. *Am J Trop Med Hyg*. 57(5):550-9
 33. Høgh B, **Thompson R**, Hetzel C, Fleck SL, Kruse NA, Jones I, Dgedge M, Barreto J, Sinden RE (1995). Specific and nonspecific responses to Plasmodium falciparum blood-stage parasites and observations on the gametocytemia in schoolchildren living in a malaria-endemic area of Mozambique. *Am J Trop Med Hyg*. 52(1):50-9.
 33. Høgh B, **Thompson R**, Lobo V, Dgedge M, Dziegiel M, Borre M, Gottschau A, Streat E, Schapira A, Barreto J (1994). The influence of Maloprim chemoprophylaxis on cellular and humoral immune responses to Plasmodium falciparum asexual blood stage antigens in schoolchildren living in a malaria endemic area of Mozambique. *Acta Trop*. 57(4):265-77.
 34. Dgedge M, Streat E, Mabunda S, Fumane J, Mavale S, **Thompson R**, & Gomes A (1997). Resistencia in vivo e in vitro do P.falciparum a cloroquina e sua eficacia terapeutica no tratamento da malaria em Mocambique. *Revista Médica de Moçambique* 7(1-2): 12-16
 35. Bodker R, Orum O, Teisner B, Pedersen EM, **Thompson R**, Høgh B (1995). Aminopropeptide of human procollagen type I: a marker for the identification of blood from children in the mosquito blood meal. *Trans R Soc Trop Med Hyg* 89(4):449-53.
 36. Traquinho G, Julio A and **Thompson R**, 1994. [Urinary Schistosomiasis in Boane, Maputo Province]. *Revista Médica de Moçambique* 5 (4): 20-23

RESEARCH PROJECTS & CONSULTANCIES

- **Senior Consultant for the Review and Validation of NTD Data and Building Capacity in Data Management and Planning in Guinea Bissau.** WHO/ESPEN Consultant, February 2019.
- **Senior Consultant for the Angola National Schistosomiasis and Soil-Transmitted Helminths Mapping Survey.** WHO/ESPEN Consultant, August to November 2018.
- **Technical Support for the Development of Guinea Bissau Schistosomiasis and STH Mapping Protocol.** WHO Temporary Adviser, August 2017.
- **Technical Support for Lymphatic Filariasis Baseline Survey in Guinea Bissau.** WHO Temporary Adviser, August 2017.
- **A Randomized, Double-blind, Phase IIb Study to Investigate the Efficacy, Safety, Tolerability and Pharmacokinetics of a Single Dose Regimen of Ferroquine (FQ) with Artefenomel (OZ439) in Adults and Children with Uncomplicated Plasmodium falciparum Malaria.** Sponsor: SANOFI S.A., France. Role: Site PI.
- **Development of the national plan for Neglected Tropical Diseases mapping in Angola.** WHO Temporary Adviser, May 2013.
- **A Phase III open label, randomized, multicenter trial to assess the efficacy and safety of the dispersible arterolane maleate 37.5 mg and piperazine phosphate (PQP) 187.5 mg tablets in comparison with Coartem® dispersible in pediatric patients with acute uncomplicated Plasmodium falciparum malaria.** Sponsor: Sun Pharmaceuticals, India. 2015. Role: Site PI.
- **A Phase III, Double Blind, Randomised Study of Arterolane Maleate-Piperazine Phosphate Versus Artemether-Lumefantrine for Falciparum malaria in Adolescent and Adult Patients in Asia and Africa.** Sponsor: Ranbaxy Laboratories, India. 2011-12. Role: Site PI.
- **Evaluation of the Expanded Impact on Health of the Mass Drug Administration for the Elimination of Lymphatic Filariasis in Mozambique.** In collaboration with CDC, Atlanta. Since 2012, Role: Co-PI.
- **Evaluation of a Combined Prevention Intervention of HIV in Chókwe District, southern Mozambique. Principal Investigator.** In collaboration with the Centers for Diseases Control and Prevention, Mozambique (CDC). Starting August 2013. Role: PI.
- **Development of the national plan for Neglected Tropical Diseases mapping in Nigeria.** WHO Temporary Adviser, January 2013.
- **Final Evaluation of the Community Based Health Care in Niassa Project, Finnish RC / Cruz Vermelha Moçambique, 2007-2010.** Lead Consultant, May-October 2011.
- **Support for the development and implementation of the Strategic Plan for Neglected Tropical Diseases in Guinea-Bissau.** WHO-AFRO Consultant, 12-16 July 2010.
- **Combined Cross-Sectional and Prospective Study for Measurement of HIV Incidence Chokwe, Mozambique.** In collaboration with FHI360 and the US Army Military HIV Research Program (MHRP). Role: PI.
- **Food security and vulnerability in patients in antiretroviral treatment in Mozambique.** Consultancy for the World Food Programme. Role: Principal investigator. Status: Finalized 2008.

- **Development of a Monitoring and Evaluation System of the Impact of Food Aid on the Adherence to Antiretroviral Treatment in Mozambique.** Consultancy for the World Food Programme. Role: Principal-investigator. Status: Finalized 2009.
- **A Phase III comparative, (double-blind, double-dummy), randomised, multi-centre, clinical study to assess the safety and efficacy of fixed dose formulation of oral pyronaridine artesunate tablet (180:60 mg) versus Coartem[®] (artemether lumefantrine) in children and adult patients with acute uncomplicated *Plasmodium falciparum* malaria.** Role: Principal Investigator for Mozambique. Status: Finalized 2008.
- **HIV/AIDS Demographic Impact in Mozambique, 2008.** Collaboration between the Ministry of Health, National Institute of Statistics and National Aids Council. Role: Co-investigator. Status: Finalized 2008.
- **National HIV Infection Prevalence Surveillance Round in Mozambique, 2007.** Collaboration between the Ministry of Health, National Institute of Statistics and National Aids Council. Role: Co-investigator. Status: Finalized 2007.
- **Phase I/IIb trial of the live attenuated 638 *Vibrio cholerae* O1 El Tor Ogawa cholera vaccine in Mozambique.** Role: Principal Investigator (2005-2009).
- **“Opportunistic parasitic diseases in HIV/AIDS”.** Role: Principal Investigator.
- **“National Lymphatic Filariasis Mapping Survey”.** Role: Principal Investigator. Status: Finalized 2005-2006.
- **IV Joint Annual Evaluation of the Ministry of Health and National Health Service in 2004.** Role: Team leader. Consultancy for the Ministry of Health, May – June 2005.
- **Evaluation of the Sanitary and Nutritional Situation Monitoring Capacity of Drought Affected Districts in Mozambique.** Consultancy for WHO Country Office, April – May 2004.
- **“Malaria Transmission Intensity and Mortality Burden across Africa” (MTIMBA).** Funding: MIM/TDR/RBM. Role: Principal Investigator. Status: Finalized 2003.
- **“Mapping the Risk of Malaria in Africa (MARA)”**, in collaboration with MRC, Durban, South Africa. Role: co-Investigator in charge of data collection co-ordination in Mozambique. Status: Finalized 2002.
- **“The epidemiology of rat-borne diseases in Zambezia Province and Maputo City, Mozambique”.** Role: co-Investigator. Status: Finalized. 2003.
- **“Development of a GIS to investigate the geographical patterns of severe malaria in Maputo Province”.** Role: Principal Investigator. Status: Finalized 2003.
- **“The prevalence of trauma in Maputo City”**, in collaboration with the Department of Surgery, Maputo Central Hospital. Funding: Maputo Central Hospital and National Institute of Health, Mozambique. Role: co-investigator. Status: Finalised 2001.
- **“National Survey of the prevalence of Vitamin A deficiency, Anaemia and Malaria in children under five years of age and their mothers”.** In collaboration with the Nutrition Division of the Department of Community Health, Ministry of Health, Mozambique. Funding: UNICEF. Role: Consultant and co-Investigator. Status: Finalized 2003.

Maputo, 25 March 2019

