

Birkneh T. Tadesse MD PhD

 My LinkedIn |  Google Scholar |  birknehtilahun@gmail.com |  +821098041348

SUMMARY

- Experienced epidemiologist with proven track record in developing vaccines including a typhoid conjugate vaccine (licensed), and a schistosomiasis vaccine (under clinical development).
- Skilled clinical scientist and health professional with 20 years of expertise in clinical, research, academic, and leadership domains.
- Robust technical and academic background in epidemiology, biostatistics, machine learning, clinical medicine, infectious disease, vaccinology, and product clinical development.
- Trained in leadership management and versatile in collaborating with diverse stakeholder groups.
- Proven track record in successfully delivering complex programs, assessments and projects

EDUCATION

- 2016 - 2020 **PhD (Medical Sciences/Epidemiology) at Karolinska Institutet, Sweden**
Thesis: Optimization of pediatric antiretroviral treatment outcomes among HIV-infected children in Ethiopia. [Click Here for Thesis](#)
- 2015 - 2016 **Clinical Research and Development Fellowship at WHO/TDR and FIND**
Contributed to various projects evaluating diagnostic tools for infectious diseases, including malaria and febrile illnesses. Specifically, worked on developing tests that differentiate between viral and bacterial infections.
- 2013 - 2015 **Specialty Certificate in Bio-statistics at University of California, San Diego**
Completed a capstone project developing a statistical analysis plan for a pharmaceutical company.
- 2009 - 2012 **Pediatric Residency at Addis Ababa University, Ethiopia**
Chief Resident of Department of Pediatrics and Child Health
- 2001 - 2007 **MD - Doctor of Medicine at University of Gondar, Ethiopia**

WORK EXPERIENCE

Associate Director General **Dec 2023 – present**

International Vaccine Institute, Seoul, South Korea

- Provide strategic and scientific leadership to a multidisciplinary and multinational team of 35 scientists.
- Lead and oversee more than 10 large-scale, multi-country projects on vaccine impact, effectiveness, and product clinical development.
- Guide projects from design through implementation, analysis, and dissemination, ensuring scientific rigor and policy relevance.
- Coordinate international partners, funders, and stakeholders across multiple regions.

Visiting Professor **Sept 2023 – present**

Heidelberg Institute of Global Health (HIGH), Heidelberg, Germany

- Lead multidisciplinary collaborations on large-scale data analysis to inform vaccine impact, including the application of advanced statistical methods, machine learning, and AI-driven approaches.
- Co-supervise PhD and MSc students at the University of Heidelberg, providing guidance on study design, data analysis, and scientific writing.

Affiliated Researcher, Department of Global Public Health **Jun 2020 – present**

Karolinska Institute, Stockholm, Sweden

- PhD co-supervision - guiding doctoral students in their research projects; research collaboration - working jointly with other researchers to achieve common research goals.

Senior Research Scientist**Oct 2021 – Dec 2023****International Vaccine Institute, Seoul, South Korea**

- Provided scientific leadership for multi-country vaccine impact, effectiveness, capacity building (example: [ARC-WA Project - West Africa](#)) and product development studies, supervising a smaller multidisciplinary research team.
- Served as Principal Investigator for a large household transmission study of a Covid-19 candidate vaccine in the Philippines.
- Acted as Scientific and Technical Lead for COVID-19 vaccine (Sinopharm and Johnson & Johnson) effectiveness and safety studies in Madagascar and Mozambique.
- Led and completed a Phase IB clinical trial of a schistosomiasis vaccine in Burkina Faso and Madagascar as Scientific and Technical Lead.

Research Scientist**Sept 2019 – Sept 2021****International Vaccine Institute, Seoul, South Korea**

- Led typhoid vaccine clinical development: designed and led 3 clinical trials in Asian (Philippines) and African countries (Ghana and DRC). Technical lead for a cluster randomized trial of the Vi-TT typhoid conjugate vaccine in Ghana.
- Led multinational surveillance studies for blood culture-confirmed typhoid fever, Shigella, Group A Step., and Mpox.
- Responsible for preparing clinical development plans for vaccine candidates including Lassa, schistosomiasis, cholera, and typhoid.
- Supported preparation of essential documents including clinical study reports (CSR) and other components of the Common Technical Document (CTD) for regulatory submission.
- Managed the entire process of manuscript preparation, from initial drafts to co-investigator reviews, finalization, and submission/correspondence with peer-reviewed journals.

Associate Professor of Pediatrics**Feb 2017 – Aug 2019****Hawassa University, Hawassa, Ethiopia**

- *Teaching Responsibilities:* Instructed courses in Pediatric Infectious Diseases to both graduate and undergraduate students. Provided mentorship and supervision to over 10 graduate (MSc/MPH) students on their theses.
- *Research Leadership:* Led major research grants (example: [PREGART Clinical Trial in Ethiopia and Uganda](#)), overseeing projects from the planning phase to successful completion.
- *Clinical and Community Service:* Acted as a lead clinician (consultant pediatrician) in clinical service. Engaged in community service initiatives, contributing expertise and leadership.

Assistant Professor of Pediatrics**Jan 2013 – Jan 2017****Hawassa University, Hawassa, Ethiopia**

- *Teaching Responsibilities:* Instructed undergraduate students. Supervised undergraduate students in their research work.
- *Research Leadership:* Provided clinical care as a general pediatrician. Attended pediatric infectious diseases clinics, specializing in HIV/AIDS and tuberculosis. Offered consultations on pediatric infectious diseases.
- *Clinical and Community Service:* Mentored pediatric residents during their attachments to the pediatric infectious disease unit.

Chair, Department of Pediatrics**Apr 2013 – Jan 2016**

Hawassa University, Hawassa, Ethiopia

- Led a department comprising 112 staff, including senior pediatricians, general practitioners, resident physicians, nurses, and technical and support staff.
- Established and managed the pediatric residency program in partnership with Addis Ababa University.
- Directly supervised 11 staff members, including the head of nursing, chief resident, 8 senior pediatricians, and the director of the post-graduate program.
- Acted as the departmental representative in workshops, university discussions, and international collaborations, initiating initiatives such as the VON network to enhance neonatal care services.

Lecturer, Department of Pediatrics

Sept 2007 – Dec 2012

Hawassa University, Hawassa, Ethiopia

- Responsible for patient care and teaching of undergraduate students.

SKILLS

Data Science and Analytics	Python, R, SQL/SQLite, HTML, CSS, JavaScript (including D3 and Observable), Tableau
Research and Development	Quantitative Epidemiology; Clinical Trials (Phase I–IV); Cluster Randomized Trials; Real-World Evidence and observational study designs; advanced biostatistics and causal inference; protocol and SAP development; regulatory and ethics submissions; scientific writing and editing (high-impact manuscripts, grant proposals, clinical study reports, policy briefs); data interpretation and translation to policy and practice.
Leadership	Strategic leadership; team building and mentorship; project and program management; cross-cultural and multinational collaboration; stakeholder engagement and partnership coordination; grant and resource management; decision-making and problem solving; scientific and ethical governance; communication and policy translation; supervision and capacity building of junior scientists and trainees

RESEARCH GRANTS SUPPORT

- Evaluation of the effectiveness and safety of the LC16m8 mpox vaccine in individuals aged one year and older in the Democratic Republic of Congo (DRC).
Role: *Scientific and Technical Lead.*
Funder: CEPI. Grant amount: \$13 million (2025–2028).
- Effectiveness of malaria vaccines in reducing the risk of invasive non-typhoidal *Salmonella* disease (VINS).
Role: *Principal Investigator.*
Funder: Gates Foundation. Grant amount: \$2.0 million (2025–2027).
- Impact of vaccination using the Clover SCB-2019 COVID-19 vaccine on household transmission of SARS-CoV-2 infection.
Role: *Principal Investigator.*
Funder: CEPI. Grant amount: €2.5 million (2020–2023).
- Expanding access to COVID-19 vaccines in Africa (ECOVA).
ClinicalTrials.gov: NCT04984408; NCT04998240.
Role: *Co-Investigator and Project Technical Lead.*

Funder: CEPI. Grant amount: €10 million (2020–2024).

- Safety and efficacy of dolutegravir and EFV400 for pregnant and breast-feeding women: a randomized non-inferiority clinical trial (PREGART).

Role: *Principal Investigator*.

Funder: EU Horizon 2020 via EDCTP2.

Project website: pregart.eu.

Grant amount: €3,902,468.75; Grant period: 5 years (2018–2023).

- Improving treatment of HIV-infected Ethiopian children through better detection of treatment failure (CEPHER).

Role: *Principal Investigator*.

Funder: International AIDS Society, CIPHER Research Programme.

Grant details: [link](#).

Grant amount: \$141,130; Grant period: 2 years (2016–2018).

- Implementation research for accelerating scale-up in Southern Nations, Nationalities and Peoples' Region (SNNPR), Ethiopia.

Role: *Principal Investigator*.

Funder: Bill & Melinda Gates Foundation in collaboration with WHO, Geneva.

Grant amount: \$994,910; Grant period: 2 years (2016–2018).

- Validation of promising biomarker assays to assess diagnostic performance in low- and middle-income countries.

Role: *Principal Investigator*.

Funder: FIND (Foundation for Innovative New Diagnostics).

Grant amount: \$150,000; Grant period: 1 year (2016–2017).

- Randomized clinical trial to identify optimal efavirenz dosage for treatment of HIV/AIDS in infants and children in sub-Saharan Africa.

Role: *Co-Investigator (Principal Applicant: E. Aklillu)*.

Funder: Swedish Research Council (Vetenskapsrådet).

Grant amount: SEK 4,340,000; Grant period: 4 years (2018–2020).

- Building capacity in translational HIV paediatrics research in Southern Ethiopia.

Role: *Co-Investigator (Principal Applicant: Z. Brumme)*.

Funder: Simon Fraser University, Mowafaghian Child Health Award.

Grant amount: \$15,000; Grant period: 1 year (2017).

AWARDS AND HONORS

- *2019*: Received Letter of Appreciation from the School of Medicine, Hawassa University for providing free research training workshops to graduate and undergraduate medical and health science students (semiannual).
- *2017*: Received Letter of Appreciation for contributing the highest number of research works in the School of Medicine (2016/17).
- *2014*: Visiting Faculty, Department of Pediatrics, University of Texas Health Sciences Center at San Antonio, USA.
- *2015*: Adjunct Faculty, Oklahoma State University, USA.
- *2012*: Chief Resident, Department of Pediatrics and Child Health, Addis Ababa University, Ethiopia.

- 2016: Member, Institutional Review Board, College of Medicine, Hawassa University, Ethiopia.
- 2007: Awardee, Getachew Bolodia Foundation Fund (GBF), for ranking among the top five medical students.

AWARDED SCHOLARSHIPS

01/2017 – 12/2017

- Conference on Retroviruses and Opportunistic Infections (CROI): Scholarship for attendance and presentation of an accepted abstract, Boston, USA.

01/2016 – 12/2016

- Clinical Research and Development Fellowship, European & Developing Countries Clinical Trials Partnership (EDCTP) and WHO/TDR, Geneva, Switzerland.

01/2014 – 12/2014

- Short-term training in Clinical Research and Evidence-Based Medicine (SCREM), Antwerp, Belgium.
- Keystone Symposia Travel Scholarship for attendance at the conference *Mechanism of Action of Vaccine Adjuvants*, Seattle, USA.

INTERNATIONAL PRESENTATIONS

1/2025 – 12/2025

- Invited speaker at the international symposium *Strengthening Pandemic Preparedness Through Shared Experiences*, jointly organized by the Hong Kong Jockey Club Global Health Institute (HKJCGHI) and the International Vaccine Institute (IVI), Bangkok, November 12, 2025.

Rapid clinical evidence generation during emergencies: the Advancing Research Capacity in West Africa (ARC-WA) experience.

- Invited speaker at the international symposium *Advancing Global Health Through Scientific Innovation*, organized by the Hong Kong Jockey Club Global Health Institute (HKJCGHI), Hong Kong, January 7, 2025.

Understanding mpox: current epidemiology and ongoing research efforts.

01/2018 – 12/2018

- Poster presentation at the Conference on Retroviruses and Opportunistic Infections (CROI), Boston, USA. *High-level dual-class HIV drug resistance among children who failed treatment.*

01/2017 – 12/2017

- Panelist, “The mystery of winning competitive international grants: a panel discussion,” Annual Research Symposium, St. Paul’s Hospital Millennium Medical College (SHMMC), Ethiopia.

01/2016 – 12/2016

- African Society of Laboratory Medicine (ASLM), December 4–8, Cape Town, South Africa. *The scale of antimicrobial resistance in Africa: results of a systematic review.*
- International AIDS Society (IAS), Durban, South Africa. Stakeholders Meeting of the IAS–CIPHER. *Improving treatment of HIV-infected Ethiopian children through better detection of treatment failure (project progress update).*

01/2015 – 12/2015

- International AIDS Society (IAS), Vancouver, Canada. Stakeholders Meeting of the IAS–CIPHER. *Project proposal: Improving treatment of HIV-infected Ethiopian children through better detection of treatment failure.*

01/2014 – 12/2014

- Rwanda Xth International Conference on Kangaroo Mother Care (KMC), November 17–19, Kigali, Rwanda. *Couplet care for better survival of low birth weight babies.*
- Grand Rounds, Department of Pediatrics, University of Texas Health Sciences Center at San Antonio, USA, March 9. *Challenges to pediatric services in Southern Ethiopia.*

01/2012 – 12/2012

- Annual Conference of the Ethiopian Pediatric Society (EPS), December 19–22, Addis Ababa, Ethiopia. *High load of multidrug-resistant neonatal pathogens carried by cockroaches.*

PROFESSIONAL MEMBERSHIPS

- **2019 – Present:** Member, American Society of Tropical Medicine and Hygiene (ASTMH).
- **2016 – 2017:** Member, American Society for Microbiology (ASM).
- **2015 – 2023:** Member, International AIDS Society (IAS).
- **2014 – 2016:** International Member, American Academy of Pediatrics (AAP).
- **2013 – 2020:** Member, International Society of Infectious Diseases (ISID).
- **2010 – 2020:** Member, Ethiopian Public Health Association.
- **2009 – 2019:** Member, Ethiopian Medical Association.
- **2008 – Present:** Member, Ethiopian Pediatric Society (*Regional Coordinator for two years*).

LEADERSHIP ROLES

- **01/2022 – Present:** Member, Senior Management Committee, International Vaccine Institute (IVI).
- **01/2021 – Present:** Member, Program and Project Review Committee (PPRC), International Vaccine Institute (IVI).
- **01/2017 – 12/2019:** Permanent Member, Research and Development Advisory Committee, College of Medicine and Health Sciences, Hawassa University, Ethiopia.
- **01/2014 – 12/2022:** Member, Editorial Board, *Ethiopian Journal of Pediatrics and Child Health (EJPCH)*.
- **01/2013 – 12/2015:** Chairperson, Infection Prevention Committee, Hawassa University Comprehensive Specialized Hospital, Ethiopia.
- **01/2013 – 12/2015:** Member, Academic Commission (AC), School of Medicine, Hawassa University, Ethiopia.
- **01/2013 – 12/2015:** Member, Medical Education Committee, Hawassa University, Ethiopia.

INVITED EXTERNAL EXAMINER

01/2024 – 12/2024

- PhD proposal defense examiner, School of Public Health, Addis Ababa University, Addis Ababa, Ethiopia.

01/2017 – 12/2017

- Judge for abstract competition, Annual Research Symposium, St. Paul Hospital Millennium Medical College (SHMMC), Addis Ababa, Ethiopia.

01/2016 – 12/2016

- Examiner for MSc thesis defense (Public Health), College of Medicine and Health Sciences, School of Public Health, Hawassa University, Ethiopia.

01/2015 – 12/2015

- Final qualifying examination examiner for medical students, University of Gondar, Gondar, Ethiopia.
- Final qualifying examination examiner for medical students, St. Paul Medical College, Addis Ababa, Ethiopia.
- Examiner for MSc thesis defense (Nutrition), College of Agriculture, School of Nutrition, Hawassa University, Ethiopia.

01/2014 – 12/2014

- Final qualifying examination examiner for medical students, St. Paul Medical College, Addis Ababa, Ethiopia.

COMPLETED REVIEWER ASSIGNMENTS

01/2023 – 12/2023

- *The Lancet*.

01/2019 – 12/2019

- *Journal of the International AIDS Society (JIAS)*.
- *PLOS Neglected Tropical Diseases*.

01/2018 – 12/2018

- *Open Forum for Infectious Diseases (OFID)*.

01/2017 – 12/2017

- *BMJ Open*.

01/2016 – 12/2016

- *PLOS ONE*.
- *Ethiopian Journal of Pediatrics and Child Health*.
- *Ethiopian Journal of Health Sciences*.

01/2014 – 12/2014

- *BMC Public Health*.
- *PLOS ONE*.

EDITORIAL ROLES

01/2024 – 12/2025

- Guest Editor, *Clinical Infectious Diseases* – Volume 80, Issue Supplement 1 (15 June 2025).

LANGUAGES

- **Amharic:** ★ ★ ★ ★ ★ (Native)
- **English:** ★ ★ ★ ★ ★ (Fluent)
- **French:** (Studying)

PEER REVIEWED PUBLICATIONS

1. Tadele T, Astatkie A, Tadesse BT, Makonnen E, Abay SM, Aklillu E: Knowledge, Attitudes, and Practices of Primary caregivers of Preschool children towards *Schistosoma mansoni* infection in Southern Ethiopia: A community-based cross-sectional study. *J Public Health Res* 2025, 14:22799036251361622.
2. Tack B, Vita D, Mbuyamba J, Nketo J, Ntangu E, Phoba MF, Luyindula A, Nkoji G, Vuvu H, Heroes AS, et al: Efficacy of susceptibility-matched antibiotic treatment of nontyphoidal *Salmonella* bloodstream infections: a prospective observational study in hospitalized children under 5 in the Democratic of Congo. *Clin Microbiol Infect* 2025.
3. Ramgi P, Siribie M, Rakotozandrindrainy N, Bule O, Shrivastava H, Chambule L, Park EL, Fernando C, Boque J, Macuiana R, et al: Immunogenicity and Safety of Heterologous Versus Homologous Prime-Boost Regimens With BBIBP-CorV and Ad26.COV2.S COVID-19 Vaccines: A Multicentric, Randomized, Observer-Blinded Non-inferiority Trial in Madagascar and Mozambique. *Clin Infect Dis* 2025, 80:S37-s46.
4. Rakotozandrindrainy N, Kang SSY, Wandji Nana LR, Sugimoto JD, Wang YT, Rakotozandrindrainy N, Razafindrabe TJL, Raminosoa TM, Hong SL, Razafindrakalia M, et al: COVID-19 Surveillance in Madagascar and Urban Burkina Faso: Addressing Underreporting of Disease Burden Through Integrative Analysis of Diverse Data Streams. *Clin Infect Dis* 2025, 80:S16-s28.
5. Pial RH, Capeding MR, Tadesse BT, Excler JL, Song KR, Park EL, Park IY, Yang JS, Kim S, Lee EY, et al: Longevity of immune-response provided by at least one dose of vi-DT vaccine 5 years after vaccination among healthy Filipino adults and children. *Vaccine* 2025, 64:127751.
6. Namwase H, Mukonzo JK, Ankunda C, Vella S, Tadesse BT, Aklillu E: Increased risk of neuropsychiatric adverse events with dolutegravir-based antiretroviral therapy during pregnancy: Findings from a prospective cohort study. *Int J Infect Dis* 2025, 161:108118.
7. Li D, Jiang C, Zhu W, Houlder EL, Stam KA, Koopman JPR, Langenberg M, Kavishna R, Torkzadeh S, Andersson B, et al: Temporal modulation of gene expression in a controlled *Schistosoma mansoni* human infection model. *Front Immunol* 2025, 16:1707749.
8. Kim CL, Thwe TT, Espinoza LMC, Sugimoto JD, Fallah MP, Jeon HJ, Rakotozandrindrainy R, Owusu-Dabo E, Bassiahi AS, Lunguya O, et al: Overcoming Vaccine Inequities and Research Gaps in Africa: Challenges and Opportunities Identified During the COVID-19 Pandemic. *Clin Infect Dis* 2025, 80:S9-s15.

9. Kifle DW, Balkhi MY, Ono Y, Davis J, Doi N, Arya A, Kim J, Kalyanasundaram A, Nandy S, Rakotozandrainy N, et al: A functional enzymatic assay as potential readout for a clinical trial of a schistosomiasis vaccine. *NPJ Vaccines* 2025, 10:48.
10. Kang SSY, Tadesse BT, Jeon HJ, Fallah MP, Dereje N, Ilesanmi OS, Abay SM, Tekle BI, Son HG, Shrestha L, et al: Enhancing Clinical Trial Sites in Low- and Middle-Income Countries to Facilitate Product Development in Response to the COVID-19 Pandemic. *Clin Infect Dis* 2025, 80:S1-s8.
11. Hoque M, Kim DR, Ahmmed F, Islam MT, Im J, Tadesse BT, Kang S, Khanam F, Chowdhury F, Ahmed T, et al: Protection by natural cholera against later episodes of cholera over 10 years of follow-up in Matlab, Bangladesh: a retrospective cohort study. *Lancet Microbe* 2025, 6:100981.
12. Girma M, Argaw A, Tilahun Tadesse B, Mulugeta B, Chohanadisai W, Stoecker BJ: Effects of weekly cholecalciferol supplementation of lactating mothers on vitamin D status, and infant growth and gross motor development: a randomized controlled trial in rural Ethiopia. *Am J Clin Nutr* 2025, 122:1306-1316.
13. Fallah MP, Dereje N, Temfack E, Byonanebye DM, Weyer J, Mutombo PN, Misaki W, Candace E, Njai A, Strub-Wourgaft N, et al: A call for health RD prioritisation and governance mechanisms in Africa. *Lancet* 2025, 405:889-890.
14. Capitine IU, Aziz AB, Manhiça A, Tivane I, Zumba A, Nhumba M, Rebocho Z, Miquicene E, Nguenha N, Langa J, et al: Real-world Evaluation of the Effectiveness of Sinopharm COVID-19 Vaccine Against Symptomatic COVID-19 in an Omicron-Dominant Setting in Mozambique: A Test-Negative, Case-Control Study. *Clin Infect Dis* 2025, 80:S47-s56.
15. Ylade M, Aziz AB, Daag JV, Crisostomo MV, Agrupis KA, Maronilla MA, Sye Lim Hong C, Kim HY, Njau I, Lopez MHJ, et al: Using Dried Blood Spots to Quantitatively Detect Anti-SARS-CoV-2 IgG Antibodies by ELISA: A Validation Study. *Am J Trop Med Hyg* 2024, 111:391-395.
16. Tadesse BT, Cardona RSB, Marks F: Long-term protection conferred by typhoid conjugate vaccines: a step towards typhoid elimination? *Lancet* 2024, 403:413-415.
17. Marks F, Im J, Park SE, Pak GD, Jeon HJ, Wandji Nana LR, Phoba MF, Mbuyi-Kalonji L, Mogeni OD, Yeshitela B, et al: Incidence of typhoid fever in Burkina Faso, Democratic Republic of the Congo, Ethiopia, Ghana, Madagascar, and Nigeria (the Severe Typhoid in Africa programme): a population-based study. *Lancet Glob Health* 2024, 12:e599-e610.
18. Keddy KH, Tadesse BT: Inaccessible: health, wealth, governance, and equity in low-income and middle-income countries. *Lancet Infect Dis* 2024, 24:444-445.
19. Im J, Islam MT, Ahmmed F, Kim DR, Tadesse BT, Kang S, Khanam F, Chowdhury F, Ahmed T, Firoj MG, et al: Do Oral Cholera Vaccine and Water, Sanitation, and Hygiene Combine to Provide Greater Protection Against Cholera? Results From a Cluster-Randomized Trial of Oral Cholera Vaccine in Kolkata, India. *Open Forum Infect Dis* 2024, 11:ofad701.
20. Gedefaw A, Tadesse BT, Tadesse S, Kebede B, Hussien S, Hailu D, Berhan Y, Makonnen E, Vella S, Aklillu E: The progress of mother-to-child transmission of Human Immunodeficiency Virus (HIV) after Dolutegravir (DTG) optimization program: evidence from a multicenter cohort study in Ethiopia. *BMC Public Health* 2024, 24:3367.
21. Gedefaw A, Tadesse BT, Berhan Y, Makonnen E, Vella S, Aklillu E: The safety of a dolutegravir (DTG)-based antiretroviral treatment (ART) regimen for pregnancy and birth outcomes in Ethiopia: evidence from multicenter cohort study. *BMC Infect Dis* 2024, 24:901.
22. Aziz AB, Sugimoto JD, Hong SL, You YA, Bravo L, Roa C, Jr., Borja-Tabora C, Montellano MEB, Carlos J, de Los Reyes MRA, et al: Indirect effectiveness of a novel SARS-CoV-2 vaccine (SCB-2019) in unvaccinated household contacts in the Philippines: A cluster randomised analysis. *J Infect* 2024, 89:106260.

23. Ahmmed F, Khanam F, Islam MT, Kim DR, Kang S, Firoj MG, Aziz AB, Hoque M, Liu X, Jeon HJ, et al: Spatial and temporal clustering of typhoid fever in an urban slum of Dhaka City: Implications for targeted typhoid vaccination. *PLoS Negl Trop Dis* 2024, 18:e0012273.
24. Agampodi S, Tadesse BT, Sahastrabuddhe S, Excler JL, Kim JH: Biases in COVID-19 vaccine effectiveness studies using cohort design. *Front Med (Lausanne)* 2024, 11:1474045.
25. Tadesse BT, GBD Authors: Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet* 2024, 403:1989-2056.
26. Yao L, Chemaitelly H, Goldman E, Gudina EK, Khalil A, Ahmed R, James AB, Roca A, Fallah MP, Macnab A, et al: Time to establish an international vaccine candidate pool for potential highly infectious respiratory disease: a community's view. *EClinicalMedicine* 2023, 64:102222.
27. Tadesse BT, Khanam F, Ahmmed F, Liu X, Islam MT, Kim DR, Kang SS, Im J, Chowdhury F, Ahmed T, et al: Association Among Household Water, Sanitation, and Hygiene (WASH) Status and Typhoid Risk in Urban Slums: Prospective Cohort Study in Bangladesh. *JMIR Public Health Surveill* 2023, 9:e41207.
28. Tadesse BT, Keddy KH, Rickett NY, Zhusupbekova A, Poudyal N, Lawley T, Osman M, Dougan G, Kim JH, Lee JS, et al: Vaccination to Reduce Antimicrobial Resistance Burden-Data Gaps and Future Research. *Clin Infect Dis* 2023, 77:S597-s607.
29. Tadesse BT, Bravo L, Marks F, Aziz AB, You YA, Sugimoto J, Li P, Garcia J, Rockhold F, Clemens R: Impact of Vaccination With the SCB-2019 Coronavirus Disease 2019 Vaccine on Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Infection: A Household Contact Study in the Philippines. *Clin Infect Dis* 2023, 76:1180-1187.
30. Tadele T, Astatkie A, Tadesse BT, Makonnen E, Aklillu E, Abay SM: Efficacy and safety of praziquantel treatment against *Schistosoma mansoni* infection among pre-school age children in southern Ethiopia. *Trop Med Health* 2023, 51:72.
31. Tadele T, Astatkie A, Abay SM, Tadesse BT, Makonnen E, Aklillu E: Prevalence and Determinants of *Schistosoma mansoni* Infection among Pre-School Age Children in Southern Ethiopia. *Pathogens* 2023, 12.
32. Tadele H, Kassa DH, Gebriel FW, Bilal SM, Gedefaw A, Teshome M, Kawza A, Wangoro S, Muleta M, Abebo TA, et al: Development and evaluation of a kangaroo mother care implementation model in South Ethiopia. *Acta Paediatr* 2023, 112 Suppl 473:65-76.
33. Shimelis T, Mulu A, Mengesha M, Alemu A, Mihret A, Tadesse BT, Bartlett AW, Belay FW, Schierhout G, Dittrich S, et al: Detection of dengue virus infection in children presenting with fever in Hawassa, southern Ethiopia. *Sci Rep* 2023, 13:7997.
34. Kim C, Goucher GR, Tadesse BT, Lee W, Abbas K, Kim JH: Associations of water, sanitation, and hygiene with typhoid fever in case-control studies: a systematic review and meta-analysis. *BMC Infect Dis* 2023, 23:562.
35. Islam MT, Im J, Ahmmed F, Kim DR, Tadesse BT, Kang S, Khanam F, Chowdhury F, Ahmed T, Firoj MG, et al: Better Existing Water, Sanitation, and Hygiene Can Reduce the Risk of Cholera in an Endemic Setting: Results From a Prospective Cohort Study From Kolkata, India. *Open Forum Infect Dis* 2023, 10:ofad535.
36. Chowdhury F, Aziz AB, Ahmmed F, Ahmed T, Kang SS, Im J, Park J, Tadesse BT, Islam MT, Kim DR, et al: The interplay between WASH practices and vaccination with oral cholera vaccines in protecting against cholera in urban Bangladesh: Reanalysis of a cluster-randomized trial. *Vaccine* 2023, 41:2368-2375.

37. Chala A, Kitabi EN, Ahmed JH, Tadesse BT, Chaka TE, Makonnen E, Aklillu E: Genetic and non-genetic factors influencing efavirenz population pharmacokinetics among human immunodeficiency virus-1-infected children in Ethiopia. *CPT Pharmacometrics Syst Pharmacol* 2023, 12:783-794.
38. Chae C, Kim RK, Jang EJ, Shim JA, Park E, Lee KH, Hong SL, Aziz AB, Tadesse BT, Marks F, et al: Comparing the effectiveness of bivalent and monovalent COVID-19 vaccines against COVID-19 infection during the winter season of 2022-2023: A real-world retrospective observational matched cohort study in the Republic of Korea. *Int J Infect Dis* 2023, 135:95-100.
39. Tadesse BT, KMC Authors, Incremental costs of scaling up kangaroo mother care: Results from implementation research in Ethiopia and India. *Acta Paediatr* 2023, 112 Suppl 473:86-94.
40. Tadesse BT, Khanam F, Ahmmed F, Im J, Islam MT, Kim DR, Kang SSY, Liu X, Chowdhury F, Ahmed T, et al: Prevention of Typhoid by Vi Conjugate Vaccine and Achievable Improvements in Household Water, Sanitation, and Hygiene: Evidence From a Cluster-Randomized Trial in Dhaka, Bangladesh. *Clin Infect Dis* 2022, 75:1681-1687.
41. Shimelis T, Vaz Nery S, Tadesse BT, Bartlett AW, Belay FW, Schierhout G, Dittrich S, Crump JA, Kaldor JM: Clinical management and outcomes of acute febrile illness in children attending a tertiary hospital in southern Ethiopia. *BMC Infect Dis* 2022, 22:434.
42. Shimelis T, Vaz Nery S, Schierhout G, Tadesse BT, Dittrich S, Crump JA, Kaldor JM: Differences in diagnosis, management, and outcomes of acute febrile illness by health facility level in southern Ethiopia. *Sci Rep* 2022, 12:19166.
43. Shimelis T, Schierhout G, Tadesse BT, Dittrich S, Crump JA, Kaldor JM, Vaz Nery S: Timely health care seeking and first source of care for acute febrile illness in children in Hawassa, southern Ethiopia. *PLoS One* 2022, 17:e0269725.
44. Shibeshi MS, Daba AK, Meiso KM, Tadesse BT: Glycemic control among children and adolescents with diabetes in Southern Ethiopia: a cross-sectional study. *BMC Endocr Disord* 2022, 22:161.
45. Sarker AR, Khan AI, Islam MT, Chowdhury F, Khanam F, Kang S, Ahmmed F, Im J, Kim DR, Tadesse BT, et al: Cost of oral cholera vaccine delivery in a mass immunization program for children in urban Bangladesh. *Vaccine X* 2022, 12:100247.
46. Kim CL, Cruz Espinoza LM, Vannice KS, Tadesse BT, Owusu-Dabo E, Rakotozandrindrainy R, Jani IV, Teferi M, Bassiahi Soura A, Lunguya O, et al: The Burden of Typhoid Fever in Sub-Saharan Africa: A Perspective. *Res Rep Trop Med* 2022, 13:1-9.
47. Kang S, Chowdhury F, Park J, Ahmed T, Tadesse BT, Islam MT, Kim DR, Im J, Aziz AB, Hoque M, et al: Are better existing WASH practices in urban slums associated with a lower long-term risk of severe cholera? A prospective cohort study with 4 years of follow-up in Mirpur, Bangladesh. *BMJ Open* 2022, 12:e060858.
48. Im J, Khanam F, Ahmmed F, Kim DR, Kang S, Tadesse BT, Chowdhury F, Ahmed T, Aziz AB, Hoque M, et al: Prevention of Typhoid Fever by Existing Improvements in Household Water, Sanitation, and Hygiene, and the Use of the Vi Polysaccharide Typhoid Vaccine in Poor Urban Slums: Results from a Cluster-Randomized Trial. *Am J Trop Med Hyg* 2022, 106:1149-1155.
49. Hart MD, Girma M, Strong MD, Tadesse BT, Taddesse BM, Alemayehu FR, Stoecker BJ, Chohanadi-sai W: Vitamin D binding protein gene polymorphisms are associated with lower plasma 25-hydroxy-cholecalciferol concentrations in Ethiopian lactating women. *Nutr Res* 2022, 107:86-95.
50. Hahesy E, Cruz-Espinoza LM, Nyirenda G, Tadesse BT, Kim JH, Marks F, Rakotozandrindrainy R, Wetzker W, Haselbeck A: Madagascar's EPI vaccine programs: A systematic review uncovering the role of a child's sex and other barriers to vaccination. *Front Public Health* 2022, 10:995788.

51. Gebreyesus TD, Makonnen E, Tadele T, Gashaw H, Degefe W, Gerba H, Tadesse BT, Gurumurthy P, Aklillu E: Safety Surveillance of Mass Praziquantel and Albendazole Co-Administration in School Children from Southern Ethiopia: An Active Cohort Event Monitoring. *J Clin Med* 2022, 11.
52. Clemens J, Aziz AB, Tadesse BT, Kang S, Marks F, Kim J: Evaluation of protection by COVID-19 vaccines after deployment in low and lower-middle income countries. *EClinicalMedicine* 2022, 43:101253.
53. Carlos JC, Tadesse BT, Borja-Tabora C, Alberto E, Ylade MC, Sil A, Kim DR, Ahn HS, Yang JS, Lee JY, et al: A Phase 3, Multicenter, Randomized, Controlled Trial to Evaluate Immune Equivalence and Safety of Multidose and Single-dose Formulations of Vi-DT Typhoid Conjugate Vaccine in Healthy Filipino Individuals 6 Months to 45 Years of Age. *Lancet Reg Health West Pac* 2022, 24:100484.
54. Capeding MR, Tadesse BT, Sil A, Alberto E, Kim DR, Park EL, Park JY, Yang JS, Eluru JR, Jo SK, et al: Immune persistence and response to booster dose of Vi-DT vaccine at 27.5 months post-first dose. *NPJ Vaccines* 2022, 7:12.
55. Tadesse BT, GBD Authors: Progress in health among regions of Ethiopia, 1990-2019: a subnational country analysis for the Global Burden of Disease Study 2019. *Lancet* 2022, 399:1322-1335.
56. Tadesse BT, Foster BA, Latour E, Lim JY, Jerene D, Ruff A, Aklillu E: Predictors of Virologic Failure Among a Cohort of HIV-infected Children in Southern Ethiopia. *Pediatr Infect Dis J* 2021, 40:60-65.
57. Rahman M, Alam MU, Luies SK, Kamal A, Ferdous S, Lin A, Sharior F, Khan R, Rahman Z, Parvez SM, et al: Contamination of Fresh Produce with Antibiotic-Resistant Bacteria and Associated Risks to Human Health: A Scoping Review. *Int J Environ Res Public Health* 2021, 19.
58. Mony PK, Tadele H, Gobezaayehu AG, Chan GJ, Kumar A, Mazumder S, Beyene SA, Jayanna K, Kassa DH, Mohammed HA, et al: Scaling up Kangaroo Mother Care in Ethiopia and India: a multi-site implementation research study. *BMJ Glob Health* 2021, 6.
59. Hussen S, Assegu D, Tadesse BT, Shimelis T: Prevalence of *Schistosoma mansoni* infection in Ethiopia: a systematic review and meta-analysis. *Trop Dis Travel Med Vaccines* 2021, 7:4.
60. Haselbeck AH, Tadesse BT, Park J, Gibani MM, Espinoza LMC, Abreu A, Van Rensburg C, Owusu-Ansah M, Twuamsi-Ankrah S, Owusu M, et al: Evaluation of Typhoid Conjugate Vaccine Effectiveness in Ghana (TyVEGHA) Using a Cluster-Randomized Controlled Phase IV Trial: Trial Design and Population Baseline Characteristics. *Vaccines (Basel)* 2021, 9.
61. Haselbeck AH, Rietmann S, Tadesse BT, Kling K, Kaschubath-Dieudonné ME, Marks F, Wetzker W, Thöne-Reineke C: Challenges to the Fight against Rabies-The Landscape of Policy and Prevention Strategies in Africa. *Int J Environ Res Public Health* 2021, 18.
62. Hamada Y, Getahun H, Tadesse BT, Ford N: HIV-associated tuberculosis. *Int J STD AIDS* 2021, 32:780-790.
63. Hailu D, Tadele H, Tadesse BT, Alemayehu A, Abuka T, Woldegebriel F, Gedefaw A, Mengesha S, Haji Y: Home delivery practice and its predictors in South Ethiopia. *PLoS One* 2021, 16:e0254696.
64. Chala A, Tadesse BT, Chaka TE, Mukonzo J, Kitabi EN, Tadesse S, Pohanka A, Makonnen E, Aklillu E: Predictors of Efavirenz Plasma Exposure, Auto-Induction Profile, and Effect of Pharmacogenetic Variations among HIV-Infected Children in Ethiopia: A Prospective Cohort Study. *J Pers Med* 2021, 11.
65. Bilal SM, Tadele H, Abebo TA, Tadesse BT, Muleta M, F WG, Alemayehu A, Haji Y, Kassa DH, Astatkie A, et al: Barriers for kangaroo mother care (KMC) acceptance, and practices in southern

Ethiopia: a model for scaling up uptake and adherence using qualitative study. *BMC Pregnancy Childbirth* 2021, 21:25.

66. Aziz AB, Zaman K, Kim DR, Park JY, Im J, Ali M, Ahmmed F, Islam MT, Khanam F, Chowdhury F, et al: Re-evaluation of population-level protection conferred by a rotavirus vaccine using the 'fried-egg' approach in a rural setting in Bangladesh. *Vaccine* 2021, 39:5876-5882.
67. Alam MU, Ferdous S, Ercumen A, Lin A, Kamal A, Luies SK, Sharior F, Khan R, Rahman MZ, Parvez SM, et al: Effective Treatment Strategies for the Removal of Antibiotic-Resistant Bacteria, Antibiotic-Resistance Genes, and Antibiotic Residues in the Effluent From Wastewater Treatment Plants Receiving Municipal, Hospital, and Domestic Wastewater: Protocol for a Systematic Review. *JMIR Res Protoc* 2021, 10:e33365.
68. Tadesse BT, GBD Authors: Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990-2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. *Lancet HIV* 2021, 8:e633-e651.
69. Shimelis T, Tadesse BT, F WG, Crump JA, Schierhout G, Dittrich S, Kaldor JM, Vaz Nery S: Aetiology of acute febrile illness among children attending a tertiary hospital in southern Ethiopia. *BMC Infect Dis* 2020, 20:903.
70. Hussen S, Asnake S, Wachamo D, Tadesse BT: Pneumococcal nasopharyngeal carriage and antimicrobial susceptibility profile in children under five in southern Ethiopia. *F1000Res* 2020, 9:1466.
71. Gebreyesus TD, Tadele T, Mekete K, Barry A, Gashaw H, Degefe W, Tadesse BT, Gerba H, Gurmurthy P, Makonnen E, Aklillu E: Prevalence, Intensity, and Correlates of Schistosomiasis and Soil-Transmitted Helminth Infections after Five Rounds of Preventive Chemotherapy among School Children in Southern Ethiopia. *Pathogens* 2020, 9.
72. Escadafal C, Geis S, Siqueira AM, Agnandji ST, Shimelis T, Tadesse BT, Massinga Loembé M, Harris V, Fernandez-Carballo BL, Macé A, et al: Bacterial versus non-bacterial infections: a methodology to support use-case-driven product development of diagnostics. *BMJ Glob Health* 2020, 5.
73. Capeding MR, Sil A, Tadesse BT, Saluja T, Teshome S, Alberto E, Kim DR, Park EL, Park JY, Yang JS, et al: Safety and immunogenicity of Vi-DT conjugate vaccine among 6-23-month-old children: Phase II, randomized, dose-scheduling, observer-blind Study. *EClinicalMedicine* 2020, 27:100540.
74. Assegu Fenta D, Lemma K, Tadele H, Tadesse BT, Derese B: Antimicrobial sensitivity profile and bacterial isolates among suspected pyogenic meningitis patients attending at Hawassa University Hospital: Cross-sectional study. *BMC Microbiol* 2020, 20:125.
75. Assegu Fenta D, Lemma K, Tadele H, Tadesse BT, Derese B: Correction to: Antimicrobial sensitivity profile and bacterial isolates among suspected pyogenic meningitis patients attending at Hawassa University Hospital: Cross-sectional study. *BMC Microbiol* 2020, 20:153.
76. Agegnehu A, Worku M, Nigussie D, Lulu B, Tadesse BT: Pediatric Febrile Urinary Tract Infection Caused by ESBL Producing Enterobacteriaceae Species. *Biomed Res Int* 2020, 2020:6679029.
77. Tadesse BT, GBD Authors: Mapping disparities in education across low- and middle-income countries. *Nature* 2020, 577:235-238.
78. Tadesse BT, GBD Authors: Mapping child growth failure across low- and middle-income countries. *Nature* 2020, 577:231-234.
79. Tadesse BT, GBD Authors: Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nat Med* 2020, 26:750-759.
80. Tadesse BT, GBD Authors: Author Correction: Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nat Med* 2020, 26:1308.

81. Tefera E, Gedlu E, Nega B, Tadesse BT, Chanie Y, Dawoud A, Moges FH, Bezabih A, Moges T, Centella T, et al: Factors associated with perioperative mortality in children and adolescents operated for tetralogy of Fallot: A sub-Saharan experience. *J Card Surg* 2019, 34:1478-1485.
82. Tadesse BT, Tsai O, Chala A, Chaka TE, Eromo T, Lapointe HR, Baraki B, Shahid A, Tadesse S, Makonnen E, et al: Prevalence and Correlates of Pre-Treatment HIV Drug Resistance among HIV-Infected Children in Ethiopia. *Viruses* 2019, 11.
83. Tadesse BT, Foster BA, Chala A, Chaka TE, Bizuayehu T, Ayalew F, G HM, Tadesse S, Jerene D, Makonnen E, Aklillu E: HIV and cART-Associated Dyslipidemia Among HIV-Infected Children. *J Clin Med* 2019, 8.
84. Tadesse BT, Chala A, Mukonzo J, Chaka TE, Tadesse S, Makonnen E, Brumme ZL, Brumme CJ, Aklillu E: Rates and Correlates of Short Term Virologic Response among Treatment-Naïve HIV-Infected Children Initiating Antiretroviral Therapy in Ethiopia: A Multi-Center Prospective Cohort Study. *Pathogens* 2019, 8.
85. Medhanyie AA, Alemu H, Asefa A, Beyene SA, Gebregizabher FA, Aziz K, Bhandari N, Beyene H, Brune T, Chan G, et al: Kangaroo Mother Care implementation research to develop models for accelerating scale-up in India and Ethiopia: study protocol for an adequacy evaluation. *BMJ Open* 2019, 9:e025879.
86. Hussen S, Tadesse BT: Prevalence of Syphilis among Pregnant Women in Sub-Saharan Africa: A Systematic Review and Meta-Analysis. *Biomed Res Int* 2019, 2019:4562385.
87. Hassen M, Toma A, Tesfay M, Degafu E, Bekele S, Ayalew F, Gedefaw A, Tadesse BT: Radiologic Diagnosis and Hospitalization among Children with Severe Community Acquired Pneumonia: A Prospective Cohort Study. *Biomed Res Int* 2019, 2019:6202405.
88. Gebre B, Alemayehu T, Girma M, Ayalew F, Tadesse BT, Shemelis T: Cryptosporidiosis And Other Intestinal Parasitic Infections And Concomitant Threats Among HIV-Infected Children In Southern Ethiopia Receiving First-Line Antiretroviral Therapy. *HIV AIDS (Auckl)* 2019, 11:299-306.
89. Ejigu K, Haji Y, Toma A, Tadesse BT: Factors associated with scabies outbreaks in primary schools in Ethiopia: a case-control study. *Res Rep Trop Med* 2019, 10:119-127.
90. Ali MM, Woldeamanuel Y, Woldetsadik DA, Chaka TE, Fenta DA, Dinberu MT, Weldetensaye EK, Ismael SJ, Tadesse BT: Prevalence of group B streptococcus among pregnant women and newborns at Hawassa University comprehensive specialized hospital, Hawassa, Ethiopia. *BMC Infect Dis* 2019, 19:325.
91. Tadesse BT, GBD Authors: Global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. *Lancet HIV* 2019, 6:e831-e859.
92. Tadesse BT, Kinloch NN, Baraki B, Lapointe HR, Cobarrubias KD, Brockman MA, Brumme CJ, Foster BA, Jerene D, Makonnen E, et al: High Levels of Dual-Class Drug Resistance in HIV-Infected Children Failing First-Line Antiretroviral Therapy in Southern Ethiopia. *Viruses* 2018, 10.
93. Mitiku E, Amsalu A, Tadesse BT: Pediatric Urinary Tract Infection as a Cause of Outpatient Clinic Visits in Southern Ethiopia: A Cross Sectional Study. *Ethiop J Health Sci* 2018, 28:187-196.
94. Gedefaw A, Teklu S, Tadesse BT: Magnitude of Neural Tube Defects and Associated Risk Factors at Three Teaching Hospitals in Addis Ababa, Ethiopia. *Biomed Res Int* 2018, 2018:4829023.
95. Tadesse BT, GBD Authors: Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018, 392:1789-1858.

96. Tadesse BT, Foster BA, Shibeshi MS, Dangiso HT: Empiric Treatment of Acute Meningitis Syndrome in a Resource-Limited Setting: Clinical Outcomes and Predictors of Survival or Death. *Ethiop J Health Sci* 2017, 27:581-588.
97. Tadesse BT, Foster BA, Jerene D, Ruff A: Cohort profile: improving treatment of HIV-infected Ethiopian children through better detection of treatment failure in southern Ethiopia. *BMJ Open* 2017, 7:e013528.
98. Tadesse BT, Ashley EA, Ongarello S, Havumaki J, Wijegoonewardena M, González IJ, Dittrich S: Antimicrobial resistance in Africa: a systematic review. *BMC Infect Dis* 2017, 17:616.
99. Shimelis T, Tassachew Y, Tadewos A, Hordofa MW, Amsalu A, Tadesse BT, Tadesse E: Coinfections with hepatitis B and C virus and syphilis among HIV-infected clients in Southern Ethiopia: a cross-sectional study. *HIV AIDS (Auckl)* 2017, 9:203-210.
100. Tilahun B, Woldegebriel F, Wolde Z, Tadele H: Hydrometrocolpos Presenting as a Huge Abdominal Swelling and Obstructive Uropathy in a 4 Day Old Newborn: A Diagnostic Challenge. *Ethiop J Health Sci* 2016, 26:89-91.
101. Tekleab AM, Tadesse BT, Giref AZ, Shimelis D, Gebre M: Anthropometric Improvement among HIV Infected Pre-School Children Following Initiation of First Line Anti-Retroviral Therapy: Implications for Follow Up. *PLoS One* 2016, 11:e0167565.
102. Shibeshi MS, Fantahun B, Kebede T, Tilahun B: Pediatric diabetic retinopathy: experience of a tertiary hospital in Ethiopia. *BMC Res Notes* 2016, 9:116.
103. Olana T, Bacha T, Worku W, Tadesse BT: Early infant diagnosis of HIV infection using DNA-PCR at a referral center: an 8 years retrospective analysis. *AIDS Res Ther* 2016, 13:29.
104. Dittrich S, Tadesse BT, Moussy F, Chua A, Zorzet A, Tängdén T, Dolinger DL, Page AL, Crump JA, D'Acremont V, et al: Target Product Profile for a Diagnostic Assay to Differentiate between Bacterial and Non-Bacterial Infections and Reduce Antimicrobial Overuse in Resource-Limited Settings: An Expert Consensus. *PLoS One* 2016, 11:e0161721.
105. Tadesse BT, Foster BA, Berhan Y: Cross Sectional Characterization of Factors Associated with Pediatric HIV Status Disclosure in Southern Ethiopia. *PLoS One* 2015, 10:e0132691.
106. Gedefaw A, Tilahun B, Asefa A: Predictors of self-reported academic performance among undergraduate medical students of Hawassa University, Ethiopia. *Adv Med Educ Pract* 2015, 6:305-315.
107. Bacha T, Tilahun B: A cross-sectional study of children with acute poisoning: A three-year retrospective analysis. *World J Emerg Med* 2015, 6:265-269.
108. Shimelis D, Tadesse A, Schneider J, Tilahun B: Adrenocortical carcinoma in a 3
109. Girgira T, Tilahun B, Bacha T: Time to presentation, pattern and immediate health effects of alleged child sexual abuse at two tertiary hospitals in Addis Ababa, Ethiopia. *BMC Public Health* 2014, 14:92.
110. Ayalew F, Tilahun B, Taye B: Performance evaluation of laboratory professionals on malaria microscopy in Hawassa Town, Southern Ethiopia. *BMC Res Notes* 2014, 7:839.
111. Tilahun B, Tefera E: Transient left ventricular systolic dysfunction following surgical closure of large patent ductus arteriosus among children and adolescents operated at the cardiac centre, Ethiopia. *J Cardiothorac Surg* 2013, 8:139.
112. Tilahun B, Worku B, Tachbele E, Terefe S, Kloos H, Legesse W: High load of multi-drug resistant nosocomial neonatal pathogens carried by cockroaches in a neonatal intensive care unit at Tikur Anbessa specialized hospital, Addis Ababa, Ethiopia. *Antimicrob Resist Infect Control* 2012, 1:12.

113. Bacha T, Tilahun B, Worku A: Predictors of treatment failure and time to detection and switching in HIV-infected Ethiopian children receiving first line anti-retroviral therapy. BMC Infect Dis 2012, 12:197.