## Your Excellencies,

With the negotiations for the political declaration of the UN High-Level Meeting on the fight against tuberculosis underway, we are writing to you as academics and healthcare workers from around the world, calling on you to ensure the outcome document is robust and ambitious.

As healthcare staff working on the frontline, we have a unique perspective on the barriers and systemic issues which prevent people from accessing life-saving vaccines, diagnostics, treatment, and care. As researchers, we are at the cutting edge of the scientific effort to better understand the TB pandemic and to create the new tools and approaches needed for equitable access to TB prevention and care. Working on the frontline, many of us have first-hand experience of TB, but we know that together, we can end TB once and for all.

We welcome the draft political declaration, but believe it can be strengthened in a number of key ways. To build on the 2018 political declaration and drive progress, we urge you to include specific, numeric targets for diagnosis, prevention, and treatment, and to strengthen the language on meeting the needs of key and vulnerable populations and involving all stakeholders in the TB response.

In particular, we urge you to strengthen:

Recognition of the role of academics, researchers and healthcare workers in the development and implementation of evidence-informed policy and rapid uptake of new innovations, committing to strengthen the engagement of these professions in policymaking forums, planning and multisectoral accountability and review mechanisms.

- Language on TB vaccine research, committing to meet the investment need of at least USD 1.25 billion per year to develop at least one new vaccine, build a sustainable pipeline of vaccine candidates, and prepare for the implementation of new vaccines once licensed and globally recommended.
- Commitments to address the social determinants of TB, including recognizing gender as a key social determinant of TB, the impact of rising global poverty and that approximately 20% of global TB cases are attributable to undernutrition, as well as HIV, diabetes, smoking and alcohol use disorders on the risk of infection, disease, and adverse treatment outcomes. In particular, we call on the inclusion of a commitment to, by 2027, ensure 90% of people with TB have a nutritional assessment, 90% of undernourished people with TB should receive nutritional support, and 90% of these patients show a 5% increase in BMI after 2 months of therapy.
- Language recognizing the human right to enjoy the benefits of scientific progress and
  its applications as an important guiding principle of the TB response alongside the
  right to enjoy the highest attainable standard of physical and mental health.

Commitments to ensuring the availability, accessibility, acceptability and affordability
of new tools including diagnostics, treatments and vaccines and other benefits
resulting from TB research, acknowledging that most funding for TB research comes
from the public sector and as such conditionalities promoting access and
transparency of publicly funded research efforts are required.

Attached, please find an annotated version of the zero draft that we have had sight of, along with precedents and evidence to justify the proposed amendments.

As academics, researchers, and healthcare workers, we stand ready to play our role in delivering these ambitious commitments. We would welcome an opportunity to discuss these revisions and stand at your service throughout the negotiation process.

With kind regards.

Sincerely,

Professor Dr Fernando Rubinstein, Director of Education, Instituto de Efectividad Clinica y Sanitaria, **Argentina** 

Prof Dr. Md. Abdul Alim Al-Bari, Professor, Department of Pharmacy, University of Rajshahi, **Bangladesh** 

Ricardo Fernandes, Chair of the Board, European AIDS Treatment Group, **Belquim** 

Dr. Juliana Maira Watanabe Pinhata, Researcher, Adolfo Lutz Institute, Brazil

Yuliya Chorna, Doctoral student, York University, Canada

Prof James Johnston, Evaluation Lead, TB Services, University of British Columbia, BC Centre for Disease Control, **Canada** 

Andrés Cardona, Director Fundación Ancla, Director, Colombia

Dr Christian Kraef, Medical Doctor, Rigshospitalet, **Denmark** 

Professor Eskild Petersen, Professor Emeritus, Aarhus University, **Denmark** 

Prof Shailesh Balasaheb Kolekar, Senior consultant, Associate Professor, Copenhagen university and Zealand University Roskilde Hospital, **Denmark** 

Professor William Duke MD, Dean Faculty Health Science, ObservatorioTB Dominican Republic, **Dominican Republic** 

Dr Rafael Arturo Ramos Rincon, Epidemiologo, Fundacion Dominicana de Enfermedades Tropicales, **Dominican Republic** 

Prof Ana Patricia Jiménez Arias, PhD in Biotechnology, Universidad de las Fuerzas Armadas ESPE, **Ecuador** 

Dr Lorenzo Guglielmetti, Infectious Diseases Specialist, French National Reference Center for Mycobacteria, Sorbonne University, **France** 

Professor Claudia Denkinger, Head of Infectious Disease, Heidelberg University Hospital, **Germany** 

Professor Dr. med. Dirk Wagner, Associate Professor, Senior Physician, Div. of Infectious Diseases, Dep. of Internal Medicine II, Medical Center, University of Freiburg, **Germany** 

Dr Berit Lange, Epidemiologist, Helmholtz Centre for Infection Research, Germany

Dr Sheila Agyeiwaa Owusu, Pediatrician, University for Development Studies, Ghana/ LSHTM, **Ghana** 

Dr Joseph Kwashie, Executive Director, Community And Family Aid Foundation-Ghana, **Ghana**John Jasper Charles, Director, CBO, **India** 

Mohmad Husain Lone, Social worker, International Human Rights Commission, **India**Prof Anima Sharma, Academic / Consultant, Educational Institute / Non-Profit, **India**Nishi Suryavanshi, Social Scientist, Johns Hopkins Center for Infectious Diseases in India, **India**Mrs Mercy Annapoorani Thiruthuvadoss, Director, NGO, **India** 

Dr Ahmad Fuady, Researcher, Universitas Indonesia, Indonesia

Professor Lucio Casali, Professor, Former Full Professor University of Perugia Italy, **Italy**Professor Daniela Maria Cirillo, head od unit, IRCCS Ospedale San Raffaele, **Italy**Professor Mario C. B. Raviglione, Professor of Global Health, University of Milan, **Italy** 

Dr Patrizia Zucchi, Medical Doctor, Asst-Val, Italy

Tom Muyunga-Mukasa, Co-Founder, Advocacy Network Africa (AdNetA), Kenya

Ms Evaline Kibuchi, Chief National Coordinator, Stop TB Partnership Kenya, Kenya

Professor Jeremiah Chakaya Muhwa, CEO/Technical Director, Respiratory Society of Kenya, **Kenya** 

Dr Stephen Mulupi, Post Doctoral Research Assistant, Respiratory Society of Kenya & The LIGHT Consortium (UK), **Kenya** 

Mr Peter Owiti, Executive Director, Stop TB Partnership, Kenya

Adaudo Anyiam-Osigwe, Communications and Policy Engagement Manager - Programmes, African Institute for Development Policy (AFIDEP), **Malawi** 

Kingsley Chikaphupha, Ag Executive Director, Research, Malawi

Dr Titus Divala, Research Fellow, Kamuzu University of Health Sciences, Malawi

Dr Tumaini Malenga, Research Fellow, CARTA, Malawi

Dr Angel Caamal-Ley, Professor Research, Universidad Autonoma de Yucatán, México

Dr. Dilayaxi Cardenas, Ph D, UABC, México

Dr Jose Chavez, Professor-Researcher-NGO Volunteer, Autonomous University of Baja California-Albergue Las Memorias Asociacion Civil, **México** 

Dr Guillermina Cruz Pérez, Epidemióloga, ISSSTE, México

Dr. Isidoro De Paz Palacios, Doctor, Servisios De Salud Publica De la CDMX, México

Abigail Duran Valerio, Emergency Nurse Specialist, Enfermería Aplicativa, Secretaria de salud del estado de Hidalgo, **México** 

Dr Mario Alberto Flores-Valdez, Principal Investigator, level C, CIATEJ, A.C., México

Dr Giorgio Franyuti, Executive Director, Medical Impact, México

Dr José Luis Gálvez-Romero, MD, Dr., Hospital Regional ISSSTE Puebla, **México** 

Dr Norma Garcia, MD, Md, Secretaria de salud, México

Martha Angélica García Avilés, MD, Medical doctor, Ministry of Health, México

Dr. Cristina Gordillo Marroquín, Doctor of Science in ecology and sustainable development, El Colegio de La Frontera Sur, **México** 

Professor Rogelio Hernandez-Pando, Medicine Sciences Researcher level F, Experimental Pathology Section. Dept Pathology. National Inst of Medicine Sciences and Nutrition, **México** 

Dr Rosa Herrera, TB Advocate, Personal, México

Dr Bertha Jiménez-Delgadillo, Research Professor, Universidad Autónoma de Yucatán, **México** 

Dr. Esmeralda Juárez, Biomedical Researcher, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, **México** 

Edith Maldonado Castro, MSc., Academic technician, UNAM, México

Dr. Armando Martínez Guarneros, Dr., Supranational TB Laboratory of Mexico, México

Dr Feliciano Milian-Suazo, Profesor-Researcher, Universidad Autónoma de Querétaro, **México** 

Dr. Carmen Molina, Dr., Universidad Autonoma De Nuevo Leon, México

Dr. Liliana Morales Nava, Profesora Investigadora, Universidad Autónoma de Guerrero, **México** 

Dr Jesús Ricardo Parra Unda, Researcher/Professor, Universidad Autónoma de Sinaloa, **México** 

Dr. Ricardo Perea-Jacobo, Professor, Universidad Autonoma de Baja California, **México** 

Dr. Yancarlos Ismael Plata Cibrian, Coordinador Enfermedades Respiratorias, Servisios De Salud De Coahuila De Zaragoza, **México** 

Dr Lucero Ramon Luing, Researcher, Instituto Nacional de Enfermedades Respiratorias, México

Dr Hector Javier Sanchez Perez, Titular Researcher, El Colegio De La Frontera Sur, México

Dr Mayra Silva-Miranda, Research scientist, CONAHCYT IIBiomedicas UNAM, México

Dr Alberto Vargas, Professor Research, Universidad Autónoma de Yucatán, **México** 

Dr. Joaquin Zuñiga, Professor, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, **México** 

Mrs Karin Husselmann, Lecturer, TB Free Foundation, Namibia

Bello Abdussalam, Medical Student, Ahmadu Bello University, Nigeria

Dr John Bimba, Senior Lecturer, Bingham University, Nigeria

Rex Uche Ndubisi-Nwanko, Executive Director, NGO, Nigeria

Chukwuebuka Ugwu, Early Career Researcher, Zankli Research Centre, Nigeria

Professor Rumina Hasan, Professor and Consultant, Aga Khan University, **Pakistan** 

Ms Kinz Ul Eman, Director Programmes, Dopasi Foundation, Pakistan

Dr Amador Goodridge, Researcher, INDICASAT AIP, Panama

Dr Hector Jave, Physician pulmonologist, assistant, Nat Hospital Dos de Mayo, Peru

Dr. Cesar Ugarte-Gil, Assistant Professor, LSHTM/Universidad Peruana Cayetano Heredia, Peru

Luís Mendão, Policy Director, GAT - Grupo de Ativistas de Tratamentos, Portugal

Professor Jinsoo Min, Associate Professor, The Catholic University of Korea College of Medicine, **Republic of Korea** 

Mr Jean Claude Tuyisenge, Community and Environmental Health Officer, Mareba Health Center, **Rwanda** 

Dr Rashidatu Kamara, Clinical lead Tuberculosis, University of Sierra Leone/Rey Juan Carlos University Madrid, **Sierra Leone** 

Miss Busisiwe Beko, Social worker, TB Proof, South Africa

Miss Michelle Galloway, Administrator, TB Proof, South Africa

Professor Willem Hanekom, Executive director, Africa Health Research Institute, South Africa

Dr Graeme Hoddinott, Senior Researcher, Stellenbosch University, South Africa

Miss Brenda Knipe, Pharmacist, New Somerset Hospital, South Africa

Goodman Makanda, Advocacy Officer, South Africa

PhD Rachel Mbuyamba, Researcher, TB proof, South Africa

Dr Tumelo Moloantoa, Research Operations Manager, Wits Health Consortium, South Africa

Ingrid Schoeman, Director of Advocacy and Strategy, TB Proof, South Africa

Phumeza Tisile, Advocacy Officer, TB PROOF, South Africa

Wim Vandevelde, Liaison Officer, GNP+, South Africa

Dr. Xavier Casas, Pneumologist, Serveis clinics, Spain

Professor Esther Julian, Principal Investigator, Professor, Spain

Dr. Isabel Ascensión Pérez-Hernández, PhD, MD (Infectious Diseases Specialist), Hospital Universitario Virgen de la Victoria, **Spain** 

Laia Ruiz Mingote, Advocate, Social COM Cooperative, Spain

Dr. Morten Ruhwald, Director of TB, FIND, Switzerland

Shaun Palmer, Communications Specialist, IAVI, The Netherlands

Dr. Michel Vierboom, Principal Investigator, Biomedical Primate Research Centre, **The Netherlands** 

Dr. Filiz Duyar Ağca, NTP manager at public health level, Ankara Provincial Health Directorate, TB Dispensary, **Türkiye** 

Dr. Majid Batambuze, Medical Officer, Victoria Hills Clinic, Uganda

Dr. Jonathan Izudi, Postdoctoral Research Fellow, Infectious Diseases Institute, Makerere University, **Uganda** 

Dr Achilles Katamba, Senior Lecturer, Makerere University College of Health Sciences, **Uganda** 

Dr. Godfrey Kigozi, Executive Director, Rakai Health Sciences Program, **Uganda** 

Dr. Bruce Kirenga, Associate Professor, Makerere University, Uganda

Prof Harriet Kizza, Lecturer, Makerere University, Uganda

Timothy Barlow Muwanga, CEO, Most At Risk Populations' Society in Uganda (MARPS In Uganda), **Uganda** 

Maxensia Nakibuuka, Executive Director , Lungujja Community Health Caring Organisation , **Uganda** 

Dr. Jasper Nidoi, Early Career Researcher, Liverpool School of Tropical Medicine/ Makerere University Lung Institiute, **Uganda** 

Dr Moorine Sekadde, Program Officer - Pediatric TB/HIV, NTLP, **Uganda** 

Dr. Abdulwahab Sessolo, Principal Investigator, Infectious Diseases Research Colaboration, **Uganda** 

Dr. Willy Ssengooba, Scientific Director, Department of Medical Microbiology, College of Health Sciences, Makerere University, **Uganda** 

Dr. Anne Wajja, Senior Scientist, MRC/UVRI and LSHTM Uganda Research Unit, **Uganda** 

Dr Simon Walusimbi, Research Scientist/Physician, Makerere University Lung Institute, **Uganda** 

Dr Nathan Mugenyi, Researcher/ QA Officer, Mbarara University of Science and Technology, **Uganda** 

Dr. Fred Semitala, Senior Lecturer, Makerere University and Makerere University Joint AIDS Program, **Uganda** 

Anicet Lossa Londjiringa, Directeur Exécutif, Association pour la Conservation et la Protection des Écosystèmes des Lacs et l'Agriculture Durable, **Democratic Republic of Congo** 

Prof Andrii Dudnyk, Associate Professor, Vinnytsia National Pirogov Medical University, Ukraine

Dr. Paul Collini, Senior Lecturer and Honorary Consultant in Infectious Diseases, University of Sheffield, **United Kingdom** 

Dr Adam Ainley, Consultant Respiratory Physician, Barking Havering and Redbridge University Hospitals NHS Trust, **United Kingdom** 

Dr Sarah Anderson, Consultant in Public Health, UK Health Security Agency, United Kingdom

Dr Dany Beste, Senior Lecturer Microbial Metabolism, University of Surrey, United Kingdom

Kate Bradfield, TB Community Nurses Team Leader, Liverpool University Hospital Trust, **United Kingdom** 

Margaret Caffrey, Senior Techncial Officer, Liverpool School of Tropical Medicine, **United Kingdom** 

Mr Dan Carter, Research Fellow, LSHTM, United Kingdom

Roo Nicola Cave, PhD Researcher, University of Edinburgh, **United Kingdom** 

Rebecca Clark, Research Assistant / PhD Student, LSHTM, United Kingdom

Dr Danielle Cohen, Consultant in Infectious Diseases, Sheffield Teaching Hospitals, **United Kingdom** 

Professor Liz Corbett, Professor of Global Health, London School Hygiene Trop Med, **United Kingdom** 

Dr Martin Dedicoat, Consultant Infectious Diseases Physician, University Hospitals Birmingham, **United Kingdom** 

Dr Nicola Desmond, Reader in Medical Anthropology and Global Health, Liverpool School of Tropical Medicine, **United Kingdom** 

Professor Pete Dodd, Professor of mathematical modelling & epidemiology, University of Sheffield, **United Kingdom** 

Dr. Taghreed El Hajj, Knowledge Exchange Officer, Liverpool School of Tropical Medicine, **United Kingdom** 

Farah Francis, PhD student, University of Edinburgh, **United Kingdom** 

Han Fu, Research Fellow, London School of Hygiene & Tropical Medicine, United Kingdom

Dr Thomas Gorsuch, Consultant Respiratory Physician, Manchester University NHS Foundation Trust, **United Kingdom** 

Dr Lara Goscé, Research Fellow/Lecturer, LSHTM and UCL, **United Kingdom** 

Professor Anthony Harries, Senior Advisor and Honorary Professor, International Union Against Tuberculosis and Lung Disease, **United Kingdom** 

Dr Katherine Horton, Assistant Professor, LSHTM, United Kingdom

Professor Rein Houben, Professor of Infectious Disease Epidemiology, London School of Hygiene and Tropical Medicine, **United Kingdom** 

Caitlin Jones, PhD Student, University of Edinburgh, United Kingdom

Dr Palwasha Khan, Clinical Associate Professor of Infectious Disease Epidemiology, LSHTM/AHRI/IRD, **United Kingdom** 

Dr Terry Kipkorir, Research Fellow, London School of Hygiene and Tropical Medicine , **United Kingdom** 

Dr Heinke Kunst, Reader in Respiratory Medicine, Queen Mary University, United Kingdom

Professor Marc Lipman, Professor of Medicine, University College London & Royal Free Hospital, London, **United Kingdom** 

Dr Finn McQuaid, Assistant Professor and TB Centre Co-director, London School of Hygiene and Tropical Medicine, **United Kingdom** 

Professor Helen McShane, Professor of Vaccinology, University of Oxford, United Kingdom

Dr Kerry Millington, Research Uptake Manager, Liverpool School of Tropical Medicine, **United Kingdom** 

Dr Jessica Potter, Co-chair, UKAPTB, United Kingdom

Dr Beate Ringwald, Post-Doctoral Research Associate, Liverpool School of Tropical Medicine, **United Kingdom** 

Dr Matthew Saunders, NIHR Academic Clinical Fellow in Public Health Medicine, London School of Hygiene and Tropical Medicine, **United Kingdom** 

Dr Alvaro Schwalb, Research Assistant, LSHTM, United Kingdom

Dr Marcello Scopazzini, Academic Infectious Disease Physician, London School of Hygiene and Tropical Medicine, **United Kingdom** 

Dr Maninder pal Singh, Research Assistant, London School of Hygiene & Tropical Medicine, **United Kingdom** 

Paul Sommerfeld, Executive Trustee, TB Alert, United Kingdom

Professor Stephen Bertel (Bertie) Squire, Professor of Clinical Tropical Medicine, Dean of Clinical Sciences & International Public Health, Liverpool School of Tropical Medicine, **United Kingdom** 

Marianne Stoneman, Operational Lead Specialist TB Nurse, Kent Community Health NHS Foundation Trust, **United Kingdom** 

Dr Rachael Thomson, Research Programme CEO, LSTM, United Kingdom

Professor Toyin Togun, Co-Director LSHTM TB Centre, London School of Hygiene and Tropical Medicine (LSHTM), **United Kingdom** 

Ewan Tomeny, Operational Modeller and Health Economist, Liverpool School of Tropical Medicine, **United Kingdom** 

Jessica Townsend, Lead TB Nurse, St Georges Hospital, United Kingdom

Dr Anna Turkova, Paediatrician, Principal Clinical Research Fellow, MRC Clinical Trials Unit at University College London, **United Kingdom** 

Dr Helene-Mari van der Westhuizen, Global Health Fellow, Oxford University, **United Kingdom** 

Ms Elizabeth Walker, PhD Student, University of Edinburgh, United Kingdom

Professor Richard White, Professor, London School of Hygiene and Tropical Medicine, **United Kingdom** 

Dr Tom Wingfield, Senior Clinical Lecturer and Honorary Consultant Physician in Infectious Diseases and General Internal Medicine, Liverpool School of Tropical Medicine, **United Kingdom** 

Dr Tom Yates, Clinical Lecturer, University College London, United Kingdom

Dr Dominik Zenner, Clinical Reader in Infectious Disease Epidemiology, Queen Mary University London, **United Kingdom** 

Professor Sir Alimuddin Zumla, Professor of Infectious Diseases and International Health, University College London, **United Kingdom** 

Dr Abdinasir Yusuf Osman, Post Doctoral Researcher, Royal Veterinary College, University of London, **United Kingdom** 

Dr. Robert Belknap, interim Director, Public Health Institute at Denver Health, **United States of America** 

Dr Nilesh Bhatt, Global Clinical Research Director, Elizabeth Glaser Pediatric AIDS Foundation, **United States of America** 

Assistant Professor Jonathan Budzik, Assistant Professor of Medicine, University of California, San Francisco, **United States of America** 

Professor Kenneth Castro, Professor, Global Health, Epidemiology, and Infectious Diseases, Emory University, **United States of America** 

Professor Adithya Cattamanchi, Professor of Medicine and Public Health, University of California Irvine, **United States of America** 

Dr. Richard Chaisson, Professor of Medicine, Epidemiology, and International Health, Johns Hopkins University, **United States of America** 

Alberto Colorado, Executive Director, Americas TB Coalition, United States of America

Assistant Professor Lisa Marie Cranmer, Assistant Professor of Pediatrics, Emory University, **United States of America** 

Dr Luke Davis, Associate Professor, Yale School of Public Health, United States of America

Professor Kelly Dooley, Professor of Medicine, Vanderbilt University Medical Center, **United States of America** 

Dr. Lloyd Friedman, Professor of Medicine, Yale University, United States of America

Dr. Anthony Garcia-Prats, Associate Professor, University of Wisconsin-Madison, School of Medicine and Public Health, **United States of America** 

Professor of Medicine and International Health Amita Gupta, Chief, Division of Infectious Diseases, Johns Hopkins University, Johns Hopkins School of Medicine, **United States of America** 

Dr Rakhi Harne, Post Doctoral Research Fellow, Seattle Children's Research Institute, **United**States of America

Dr. Sophie Huddart, Postdoctoral Fellow, University of California San Francisco, **United States** of America

Dr. Devan Jaganath, Assistant Professor of Pediatrics, University of California, San Francisco, **United States of America** 

Dr. Anne Kasmar, Physician Scientist, Independent, formerly Massachusetts General Hospital, Gates Foundation, Genentech, **United States of America** 

Professor Mldori Kato-Maeda, Professor, University of California San Francisco, **United States** of America

Dr. Andrew Kerkhoff, Assistant Professor / TB researcher, University of California, San Francisco, **United States of America** 

Dr. Andrew Ikhyun Kim, Physician and Senior Fellow, UCSF, United States of America

Kate LeGrand, PhD Student, London School of Hygiene and Tropical Medicine, **United States of America** 

Professor Yukari Manabe, Professor, Johns Hopkins University, United States of America

Dr. Carina Marquez, Associate Professor of medicine, University of California, San Francisco, **United States of America** 

Dr Jyoti Mathad, Assistant Professor, Weill Cornell Medicine, United States of America

Dr Grace Montepiedra, Senior Research Scientist, Harvard T.H. Chan School of Public Health, **United States of America** 

Professor Pediatrics Sharon Nachman, Division Chief Pediatric Infectious DIsease, SUNY Stony Brook, **United States of America** 

Dr. Payam Nahid, Director, UCSF Center for Tuberculosis, UCSF, United States of America

Dr. Ruvandhi Nathavitharana, Assistant Professor of Medicine, Harvard Medical School, **United States of America** 

Dr. Eric Nuermberger, Professor of Medicine, Johns Hopkins University, **United States of America** 

Associate Professor Max O'Donnell, Associate Professor, Columbia University, **United States of America** 

Dr Patrick Phillips, Associate Professor, University of California San Francisco, **United States of America** 

Associate Professor Mike Reid, Director, Center for Pandemic Preparedness and Response, UCSF, University of California, San Francisco, **United States of America** 

Dr Nicole Salazar-Austin, Assistant Professor, Johns Hopkins, United States of America

Dr. Sheela Shenoi, Associate Professor of Medicine, Associate Director of Office of Global Health, Yale School of Medicine, **United States of America** 

Dr. Priya Shete, Associate Professor, University of California San Francisco, **United States of America** 

Swati Sudarsan, Research Data Analyst, UCSF, United States of America

Dr Sara Suliman, Assistant Professor, University of California, San Francisco, **United States of America** 

Associate Professor Nhung Nguyen Viet, MD PhD, Doctor, Vietnam Lung Association, Viet Nam

Associate Professor Timothy Walker, Wellcome Clinical Research Fellow, University of Oxford, **Viet Nam** 

Tariro Kutadza, TB / HIV Advocacy, Zimbabwe National Network of PLHIV+, **Zimbabwe**