

Theme: "From Detection to Recovery: Integrated Pathways & Patient-Centered Innovations in Lung Health "						
1	Time	Day 1 (Wednesday 5th Aug) - Pre-conference Workshops	Time	Day 2 (Thursday 6th Aug)	Day 3 (Friday 7th Aug)	Day 4 (Saturday 8th Aug)
2	7:00am-6:00pm	Daily Registration / Exhibitions	7:00am-6:00pm	Daily Registration / Exhibitions	Daily Registration / Exhibitions	Daily Registration / Exhibitions
3	7:00-8:00am	<i>(Refer to developed programs for each session)</i>	7:00-8:00am	Breakfast sessions	Breakfast sessions	Breakfast sessions
4	8:30-10:30am	<u>1. Scientific Writing and Publication</u> Leads: Dr. Jane Ong'ango, Rhoda Pola, Godana Adano <u>2. Spirometry / Oscillometry / Nursing roles</u> Leads: Joan Kagema, Claire Kamau <u>3. Pleural and Advanced Bronchoscopy (to be done off-site - CGTRH)</u> <i>To be held for period of 3 days</i> Leads: Dr. Abdulaziz Mahmoud, Dr. Amir Faraj Tamimy, Dr. Andrew Ovuor, Dr. Jacqueline Wanjiku Kagima	8:30-10:00am	Plenary 2: Invisible Exposures Across the Lifespan: Climate and Environmental Perspectives on Asthma & COPD 1. Breathing Unequally: Why Social Determinants of Health Must Be Central to Lung Disease Management - Prof. Jeremiah Chakaya (Kenya) 2. Breathing a Changing Climate: Air Quality and Climate-Driven Risks to Lung Health - Dr. Rose Ayikukwei (Kenya) 3. Integration of Health into Climate policies and Actions in Africa: Examining current framings and their implications - Dr. Nurudeen Alhassan (Ghana) 4. New Habits, New Harms: Vaping and Environmental Smoke Exposure in Youth - Dr. Njeri Karianjahi (Kenya) 5. Clinical management of Asthma/COPD - Dr. Peter Waweru Munya (Kenya) - <i>(AstraZeneca sponsored)</i> <i>Chair - Dr. Nkizato Mwaambi Nwabona</i>	Plenary 4: Advances in Lung Cancer 1. Case presentation - (patient identified with Lung nodule at TB clinic) - Medical officer (Tb/ Chest Clinic) (Kenya) 2. Management of Lung Nodules - Dr. Naveed Merali (Kenya) 3. Lung cancer: Modern Classification and evidence based interventions - Dr. Abeid Athman (Kenya) 4. RESOK-AstraZeneca partnership program (Diagnostics and Navigation) - Dr. Wanjiku Kagima (Kenya) Chair - Dr. Andrew Ovuor Rapporteur - ? <i>(Sponsor - AstraZeneca)</i>	Plenary 6: From Progress to Promise: Kenya's Vision for TB & Lung Health 1. Taking Stock of TB in Kenya: Where We Are and Where We're Going - Aiban Bono (Kenya) 2. Changing the Story for Children: Advances in Childhood TB Care - Prof. Elizabeth Maleche-Ochimbo (Kenya) 3. The role of SHIAS/HIE in Lung health - Dr. Daniel Mwai (Kenya) 4. CEPHEID SPONSORED SPEAKER - TB2 5. The Vision: From TB Control to Integrated Lung Health - Dr. Immaculate Kathure (Kenya) Chair - Dr. Simon Wachira Rapporteur - ?
5	10:30-11:00am		10:00-11:00am	E-Poster Session - 1	E-Poster Session - 2	
6	10:30-11:00am		11:00-11:30am	Tea/coffee Break	Tea/coffee Break	Tea/coffee Break
7	11:00-12:30pm	<u>4. Thoracic Ultrasound</u> Leads: Shelia Masheti <u>5. Pulmonary rehabilitation</u> Leads: Eric Ouma <u>6. Sleep</u> Leads: Prof. Jumaa Bwika, Dr. Justus Simba, Dr. Everlyne Agisa Kegode <u>7. Tuberculosis</u> Leads: Dr. Brenda Mungai, Drusilla Nyaboke, Asiko Ongaya <u>8. Laboratory capacity</u> Leads: Olga Mashedi	11:30-1:00pm	Symposium - 1 - Lung health Integration Track A - Community & Primary Health Care for Lung Health 1. Community-first approaches in PHC - Dr. Salim Ali Hussein (Kenya) 2. Strengthening community health systems - Alois Gikunda (Kenya) 3. Integrated services in Primary Health Care - Dr. Eunice Omesa (Kenya) 4. Integrating lung health into routine PHC - Dr. Ibrae Umro (Kenya) 5. (Abstract) - Prenatal exposure to polycyclic aromatic hydrocarbons and birth outcomes in a pregnancy cohort in Nairobi, Kenya - Prof. Elizabeth Maleche-Ochimbo (Kenya) Chair - Dr. Stephen K Macharia Rapporteur - ? Track B - Telemedicine & Digital Health for Lung Health 1. Telemedicine models and their downside, lessons learnt from facilities - Dr. Thomas G Ngwiri (Kenya) 2. <i>Digital/ electronic patient records & virtual care.</i> <i>(consider changing AI-enabled chest X-ray in paediatrics).</i> - QURE.AI 3. AI-enabled Chest X-ray diagnostics - Jeremiah Okari (Kenya) 4. (Abstract) - Chest CT findings in Kenyan children and adolescents with HIV and chronic lung disease - Dr. Samuel Oido (Kenya) Chair - Dr. Dr. Clarice Ambale Rapporteur - ? Track C - Lung Health Integration with Other Diseases 1. Integration: The intersection between mental health and lung diseases - Linet Gwengi (Kenya) 2. HIV and Lung Health - Dr. Felix Riunga (Kenya) 3. Diabetes and lung health - Dr. James A Waqude (Kenya) 4. (Abstract) - Tuberculosis-associated hyperglycaemia: Temporal dynamics and TB treatment outcomes in individuals not previously diabetic - Victor Moses Musyoki (Kenya) Chair - Grace Kwamboka Rapporteur - ?	Symposium - 3 - Comprehensive management of lung diseases: Prevention, diagnosis, treatment and rehabilitation Track A - Practical Management of Paediatric Respiratory Diseases 1. Bronchiolitis: Practical Assessment and Day-to-Day Management - Dr. Samuel Oido (Kenya) 2. Childhood Pneumonia: Diagnosis, Severity Assessment, and Treatment Decisions - Dr. Everlyne Agisa Kegode (Kenya) 3. Congenital Lung Disorders: Recognition and Initial Management in Paediatric Practice - Dr. Justus Simba (Kenya) 4. Challenges with diagnosis of childhood tuberculosis - Dr. JK Mbuthia (Kenya) Chair - Dr. Justus Simba Rapporteur - ? Track B - Comprehensive Lung Disease Management in Adults 1. Use of steroids in management of pneumonia (Kemri Study) - Asiko Ongaya (Kenya) 2. Updates in Asthma management (biologics) - Dr. Abdulaziz Mahmoud (Kenya) 3. Updates in COPD management - Dr. Amir Faraj Tamimy (Kenya) 4. The Role of nurses in Respiratory care - Claire Kamau (Kenya) 5. (Abstract) - Determinants of Delayed Diagnosis in Kenyan Lung Cancer Patients: Health-Seeking Behaviors and Health System Barriers - Dr. Ayikukwei Rose (Kenya) Chair - Dr. Wanjiku Kagima Rapporteur - ? Track C - Managing Chronic Respiratory Symptoms: Assessment and Rehabilitation 1. Approach to Chronic Cough - Dr. Andrew Ovuor (Kenya) 2. Breathing patterns, disorders, and breathlessness - Dr. Valentine Wangui Kei-Muriithi (Kenya) 3. Pulmonary Rehabilitation - Eric Ouma (Kenya) 4. (Abstract) - Thoraco-abdominal Point-of-care Ultrasound (POCUS) patterns in children with presumptive tuberculosis - Nelly Ronoh (Kenya) Chair - Dr. Salim Masoud Rapporteur - ?	Symposium - 5 - Making Lung Health Work: Prevention, Financing & Systems for Impact Track A - Policy, Financing & Health Economics 1. What Does Domestic Financing for health really Mean? - Dr. Jackson Otieno (Kenya) 2. Investing Wisely in Lung Health: Considerations for prioritizing Cost-Effective Interventions - Davis Karambi (Kenya) 3. Policies shaping lung health integration - Jamilah Meghji (UK) 4. (Abstract) - Using Bayesian latent class models to evaluate tuberculosis diagnostics in a pediatric cohort study in Kenya - Jerphason Mecha (Kenya) Chair - Dr. Brenda Mungai Rapporteur - ? Track B - TB Treatment & Prevention 1. TB Preventive therapy Updates; TPT for DRTB and 3HP for children - Dr. Grace Kalui (Kenya) 2. TB vaccine pipeline: preparing countries for uptake - Prof. Nobert Njirika (SA) 3. Novel treatment regimens - Prof. Jeremiah Chakaya (Kenya) 4. (Abstract) - Comparative analysis of Treatment Outcomes for Different Drug-Resistant Tuberculosis regimens in Kenya, 2016 – 2022 - Esther Wagunya (Kenya) Chair - Rhoda Pola Rapporteur - ? Track C - Strengthening Lung Health Systems 1. Nurses' Role in Long-Term Oxygen Therapy (LTOT), Device Management and airway clearance in Kenya - Joan Kagema / Caroline Sikulu Ndombi (Kenya) 2. The role of Nutrition in Lung Health - Dorcas Munge (Kenya) 3. Strengthening supply chain management for lung health - Dr. Ernest Mbae (Kenya) 4. (Abstract) - Towards Early Detection & Integrated Care: Factors Associated with Delayed Pulmonary Tuberculosis (PTB) Diagnosis Among School-Going Children and Adolescents in Makueni County, Kenya - Dr. Pius Mutuku (Kenya) Chair - Joshua Lino Rapporteur - ?
8	12:30-2:00pm		1:00-2:00pm	Lunch	Lunch	
9			2:00-3:30pm	Plenary 3: Growing Lungs, Lifelong Impact: Lung Health Across the Life Course 1. Starting Before the First Breath: Early-Life Determinants of Lung Health: Nutrition, Development, and Prematurity - Dr. Rebecca Namanda 2. Optimising Paediatric Lung Health: Care for Asthma and Chronic Airway Diseases - Dr. Justus Simba 3. When Sleep Disrupts Breathing: Recognising and Managing Paediatric Obstructive Sleep Apnoea - Dr. Everlyne Agisa Kegode 4. Beyond Acute Care: Long-Term Management and Ventilatory Support in Children with Chronic Respiratory Failure - Dr. Rohini Patel Chair - Dr. Samuel Oido Rapporteur - ?	Plenary 5: Care That Fits: Designing Patient-Centered TB & Lung Health Pathways 1. Screening at Scale: What We Learned About Gender and Missed Populations in South Africa's 5 million End TB Campaign - Prof. Nobert Njirika 2. When Care Doesn't Fit: Understanding Men's Disengagement from TB Care Pathways - Dr. Nkizato Mugambi-Nyabaga 3. "I Need Someone Who Can Understand Me": Centering Youth Voices in TB Care Delivery - Rhoda Pola (Kenya) 4. Designing with Communities: Co-Creating a Gender-Responsive TB Interventions - Dr. Mazi Chukwuehuka Uguu (Nigeria) Chair - Dr. Brenda Mungai Rapporteur - ?	Plenary 7: Closing Ceremony (12:30PM - 1:30PM) Opening Remarks: MC 1. Patient Voice: From Dialogue to Reality: What Patients Really Need from Lung Health Systems - Michael Mwangi (Kenya) [5 min] 2. Community Voice: Nothing About Us Without Us: Centering Communities in Lung Health Solutions [5 min] - Ann Wambui Wairimu (Kenya) 3. Keynote Address: AI in Lung Health: From Innovation to Impact—Opportunities, Responsibilities, and the Path Forward - Prof Joseph A Aluoch (Kenya) [20 Min] <i>The Union Africa Region (UAR)</i> Chair Scientific Committee: Highlights and Reflections from the Scientific Conference Proceedings [5 min] Chair Planning Committee: Way Forward; From Commitments to Action-Key Recommendations, and Strategic Priorities for Lung Health [5 min] Awards Ceremony: [10 min] -Best Oral Abstract -Best Poster Presentation -Young Researcher Award -Special Recognition (Champions) Official Closing Remarks: Head NTP [5 min] Master of Ceremony: Dr Sam Muga
10	2:00-4:00pm		3:30-3:40pm	Health Break and Transition to Symposia		Lunch (1:30pm - 2:30pm)
				Symposium - 2 - Innovative approaches in TB and Lung health	Symposium - 4 - Navigating Complexity in Lung Health: Systems Resilience, Rare Diseases & Advanced Care	

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3	7:00-8:00am		7:00-8:00am	Breakfast sessions		Breakfast sessions	Breakfast sessions	
11			3:40-5:10pm	Track A - From Data to Decisions: AI, Predictive Modelling & Digital Innovation in Lung Health <u>1. <i>Breaking Data Silos: Integrating and Sharing Lung Health Data for Impact</i> - <i>TBL</i></u> 2. Digital Tools on the Frontlines: Application among Health Workers, Schools & Communities - <i>Dickson Kirathe (Kenya)</i> 3. Seeing Ahead: How AI and Predictive Modelling Are Transforming Lung Health - <i>Bernadette Nkhata (Kenya)</i> 4. (Abstract) - Utilization of Digital TB Screening Tool (Tibu-Lite App) to Improve TB Case Detection: A Case of Eight Sub-Counties in Nairobi - <i>Rosemary Mbacio (Kenya)</i> Chair – <i>Drusilla Nyaboke</i> Rapporteur - ? Track B - Innovations in Lung Health care and prevention 1. Utility of point-of-care ultrasound (POCUs) in lung health - <i>Dr. Wanjiku Kagima (Kenya)</i> 2. Next-generation vaccines for other lung health conditions, e.g. RSV, PCV, Maternal immunization - <i>Dr. Christine Chege (Kenya)</i> 3. New TB Drug development - <i>Dr. Videlis Nduba / Dr. Joy Githua (Kenya)</i> 4. (Abstract) - Diagnostic Yield of Spirometry in Clients with Respiratory Symptoms and Chest X-Ray CAD Scores <40 in Ruaraka Sub-County - <i>Caroline Wanjiru Macharia (Kenya)</i> Chair - <i>Asiko Onguya</i> Rapporteur - ?	Track C - Laboratory Systems & Diagnostics for Lung diseases 1. From the Laboratory to the patients' bedside: Near Point of Care Diagnostics - <i>Dr. Enos Masini (Kenya)</i> 2. Faster, Smarter, Integrated: Multiplexing and Predictive Models in Diagnostics - <i>Dr. Steve Wandiga (Kenya)</i> 3. Breathing New Life into Respiratory Diagnostics with AI - <i>Dr. Alice Kanyua (Kenya)</i> 4. Organization of lab systems for AMR - <i>Bridgit Kimani (Kenya)</i> 5. Mycological investigations in Lung diseases - <i>Olga Mashedi (Kenya)</i> Chair - <i>Dr. Christine Mwachari</i> Rapporteur - ?	Track A - Under Pressure: Health System Resilience and Emerging Threats in Lung Health 1. Innovating Under Pressure - <i>Dr. Peter Waveru Munyu (Kenya)</i> 2. Resistant Pathogens, Fragile Systems: AMR and Lung Health in LMICs - <i>Dr. Eunice Omesa (Kenya)</i> 3. Misinformation as a Threat to Global Lung Health - <i>Dr. Salim Masoud (Kenya)</i> 4. (Abstract) - Strengthening Health Systems for Improved Lung Health Outcomes in Healthcare Facilities - <i>Mary John Kabuthu (Kenya)</i> Chair - <i>Claire Kamau</i> Rapporteur - ?	Track B - Uncommon Diagnoses, Complex Care: Advances in Rare Lung Diseases 1. Unravelling Interstitial Lung Diseases: What's New in Diagnosis and Management - <i>Dr. Abdulaziz Mahmoud (Kenya)</i> 2. Systemic Disease, Pulmonary Impact: Rheumatological Lung Involvement - <i>Dr. Sybil Nakiure</i> 3. Bronchiectasis Revisited: Diagnosis, Treatment, and Long-Term Management - <i>Dr. Jackson Atina</i> 4. (Abstract) - The Prevalence and Associations of Interstitial Lung Disease in Connective Tissue Disease Patients at Kenyatta National Hospital - <i>Taleni Shafashike</i> Chair - <i>TBL</i> Rapporteur - ?	Track C - Advanced Paediatric Respiratory Care & Multisystem Lung Health 1. Clinical Use of Non-Invasive Ventilation in Paediatric Respiratory Failure - <i>Dr. Rohini Patel (Kenya)</i> 2. Respiratory Morbidity and Lung Health in Children with Cerebral Palsy - <i>Dr. Samson Gwer (Kenya)</i> 3. Pulmonary Complications of Sickle Cell Disease in Children - <i>Dr. Margaret Wainaina (Kenya)</i> 4. The Intersection of genetics and complex lung diseases in children - <i>Dr. Catherine Mutinda (Kenya)</i> Chair - <i>Dr. Everlyne Agisa</i> Rapporteur - ?
12	4:00-4:30pm	Tea/coffee Break	5:10-5:30pm	Tea/coffee Break		Tea/coffee Break		
13	4:30-6:30pm	Plenary 1 - Opening Ceremony : (4:30-6:30PM) Cultural Performance Welcome: MC [2 Min] Opening Address and Welcome: Chair- Kenya Scientific Lung Health Conference Planning Committee and ReSoK - <i>Prof. Jeremiah Chakaya</i> [10 min] Ministry of Health Remarks: Head, National TB and Lung Disease Program (NTLD-P) - <i>Dr. Kathure Immaculate</i> [10 min] The Union Africa Region (UAR) Speaker 1: The Patient Voice in Lung Health: Insights from Lived Experience Across the Care Continuum - <i>Teresa Miruka (Kenya)</i> [10 min] Speaker 2: The role of Community Health Actors as a catalyst to Patient centered Lung Health Care - <i>TBD? (Kenya)</i> [10 min] Speaker 3: Scientific Keynote address - Advancing age-and gender responsive care in Lung Health - <i>Prof. Bertie Squire (UK)</i> [20 min]	5:30-7:00pm	Plenary 8: <i>The Union Africa Region (UAR)</i> <u>1. <i>Topic - TBI?</i></u> <u>2. <i>Topic - TBI?</i></u> <u>3. <i>Topic - TBI?</i></u> <i>Chair - <u>TBI?</u></i> <i>Rapporteur - ?</i>		Plenary 9: <i>QURE.AI</i> <u>1. <i>Topic - TBI?</i></u> <u>2. <i>Topic - TBI?</i></u> <u>3. <i>Topic - TBI?</i></u> <i>Chair - <u>TBI?</u></i> <i>Rapporteur - ?</i>		
14	6:30-8:30pm	Cocktail & Networking session						

Track C - Laboratory Systems & Diagnostics for Lung diseases
1. From the Laboratory to the patients' bedside: Near Point of Care Diagnostics - *Dr. Enos Masini (Kenya)*

2. Faster, Smarter, Integrated: Multiplexing and Predictive Models in Diagnostics - *Dr. Steve Wandiga (Kenya)*

3. Breathing New Life into Respiratory Diagnostics with AI - *Dr. Alice Kanyua (Kenya)*

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5. Mycological investigations in Lung diseases - *Olga Mashedi (Kenya)*

Chair - *Dr. Christine Mwachari*
Rapporteur - ?

Track A - Under Pressure: Health System Resilience and Emerging Threats in Lung Health
1. Innovating Under Pressure - *Dr. Peter Waveru Munyu (Kenya)*

2. Resistant Pathogens, Fragile Systems: AMR and Lung Health in LMICs - *Dr. Eunice Omesa (Kenya)*

3. Misinformation as a Threat to Global Lung Health - *Dr. Salim Masoud (Kenya)*

4. (Abstract) - Strengthening Health Systems for Improved Lung Health Outcomes in Healthcare Facilities - *Mary John Kabuthu (Kenya)*

Chair - *Claire Kamau*
Rapporteur - ?

Track B - Uncommon Diagnoses, Complex Care: Advances in Rare Lung Diseases
1. Unravelling Interstitial Lung Diseases: What's New in Diagnosis and Management - *Dr. Abdulaziz Mahmoud (Kenya)*

2. Systemic Disease, Pulmonary Impact: Rheumatological Lung Involvement - *Dr. Sybil Nakitare (Kenya)*

3. Bronchiectasis Revisited: Diagnosis, Treatment, and Long-Term Management - *Dr. Jackson Atina*

4. (Abstract) - The Prevalence and Associations of Interstitial Lung Disease in Connective Tissue Disease Patients at Kenyatta National Hospital - *Taleni Shafashike*

Chair - *TBL*
Rapporteur - ?

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Rapporteur - ?