



Accelerating the licensure of Lassa vaccines Generating robust evidence on vaccine efficacy and safety

Vaccine R&D and Manufacture in Africa

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Vision for African vaccine manufacturing

To ensure Africa has timely access to vaccines to protect public health security, by establishing a sustainable vaccine development and manufacturing ecosystem in Africa

The AU has set a goal to ensure 60% of the vaccines administered in Africa are locally manufactured and mandated the PAVM to oversee this task

Context

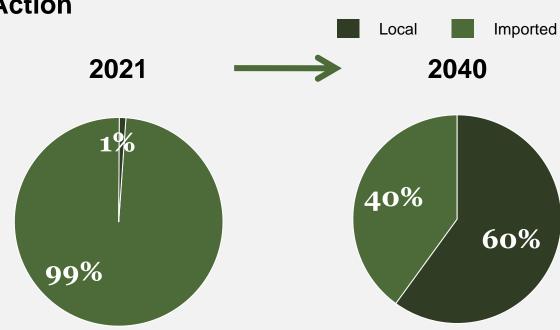


The African Union calls for a New Public Health Order aimed at safeguarding the health and economic security of the continent



The first pillar of the New Public Health Order is expanding manufacturing of vaccines, diagnostics and therapeutics¹

Ambition to be enabled by the Framework for Action



The African Union has set a goal to increase vaccine manufacturing on the African continent to meet 60% of the demand by 2040 and mandated the Partnerships for African Vaccine Manufacturing (PAVM) to develop a Framework for Action to execute this





The PAVM was established under the Africa CDC with four broad objectives to guide its operations

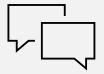


PAVM's four broad objectives









Steward a
continental
strategy that
maintains scale and
costcompetitiveness of
local manufacturing
and promotes equity
and security for all

Support
partnerships to
create a conducive
business
environment that
will encourage the
emergence of a
thriving
manufacturing base

Play intermediary and partner role between Member States and the global community of supporters on an as-needed basis

Communicate
updates and serve
as the central
source of
information for
Africa Vx
manufacturing

The PAVM made significant progress since inception crossing many important milestones in 2021

Facilitated the
African Vaccine
Manufacturing
Summit which
mandated PAVM and
set the target
ambitions



The PAVM was approved by AU Executive Council and will be presented to AU Assembly of Heads of State in February 2022



Finalised Draft 1.0 of the FFA that was peer reviewed by independent experts and scientists

12-13 April



May

Operationalised the PAVM, setting up a task force of 7 workstreams consisting >60 members which hosted >30 hours of workshops and >100 hours of working sessions

November



6-7 December

Hosted a successful
Stakeholder
Engagement Event in
Kigali where significant
decisions were made on
the FFA bold programs

17 December







The PAVM has maintained its momentum into the implementation phase of the initiative in 2022

FFA has been endorsed by AU member states at the Heads of State Assembly



Framework for Action officially released to general public



Bold program taskteams reconvened with weekly meetings to drive implementation



Market Intelligence



Many implementation lead organisations for FFA bold programs identified



Project Management
Office (PMO) to
oversee implementation
of FFA set up



and Demand
Workshop
organized for
stakeholders to
establish a vaccine
procurement
architecture for the
continent

February 2022 March 2022 June 2022





PAVM's journey has been structured in 3 phases



Deep dives to follow



Phase 1

Getting the PAVM Task Force up and running

Definition and establishment of the PAVM Task Force and its workstreams



Phase 2

Developing a detailed Framework for Action (FFA)

Stand up the PMO

Operationalization of the PAVM Task Force

Lead the key analysis for each workstream in collaboration with the PAVM Task Force

Definition of action plans for each workstream and integrating them into a Continental Framework for Action (FFA)



Phase 3a

Developing FFA implementation plan and release support

Strengthen execution of the PMO

Onboard implementing partners and set up the bold program teams

Develop detailed FFA implementation plans

Initiate the first steps of the FFA's implementation plan



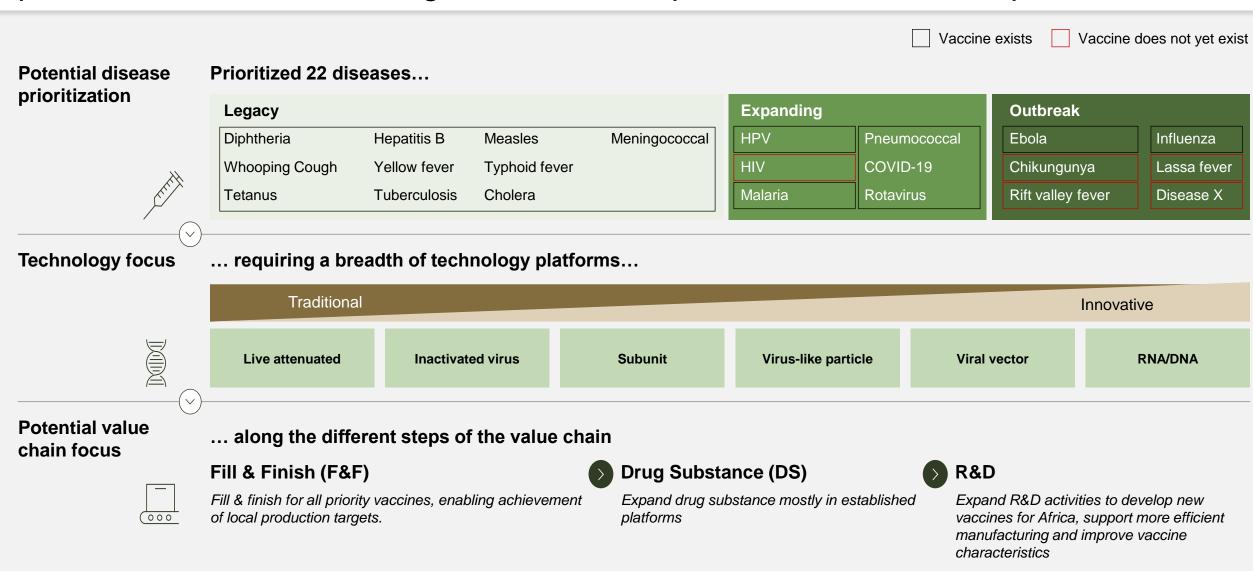
Phase 3b Implementation of the FFA

Ongoing implementation of the FFA bold programs



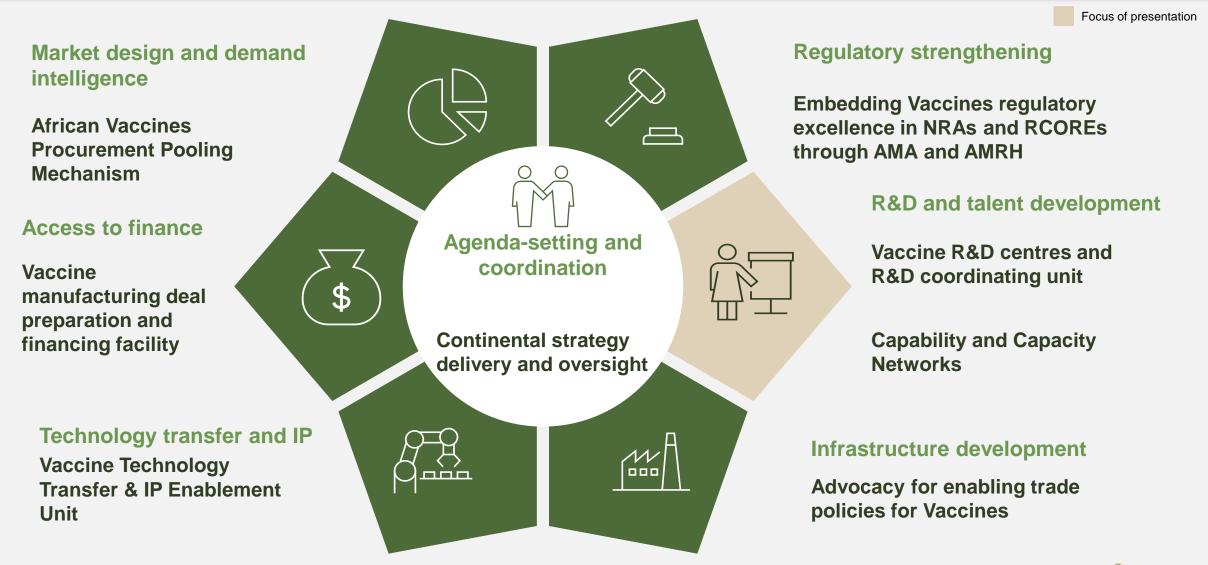


PAVM developed a continental strategy that outlines diseases, technology platforms and manufacturing value chain steps that Africa needs to prioritise

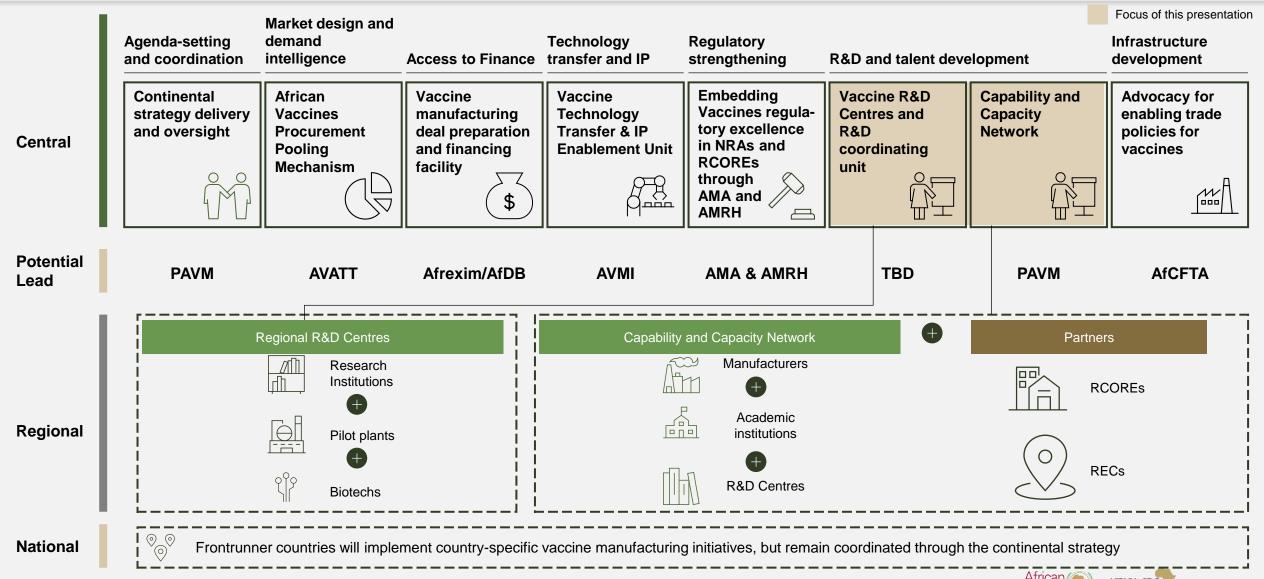




R&D and talent development are two of the 8 bold programs which PAVM have defined to support the vaccine manufacturing ecosystem and continental strategy

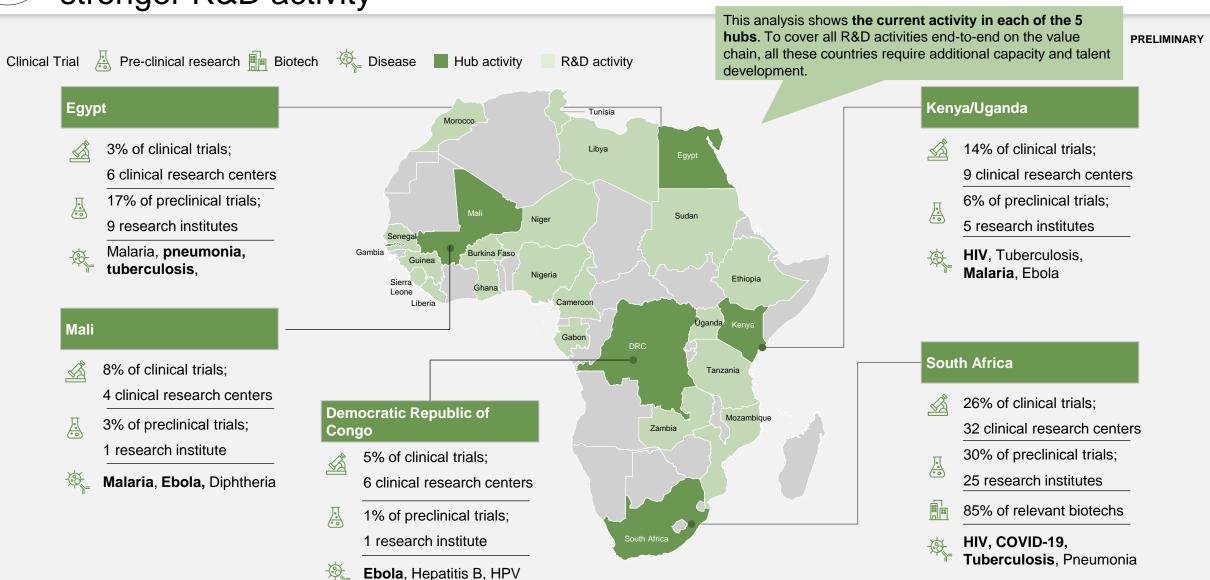


Partnerships will be key to implementing these bold programs and PAVM welcomes all stakeholders to play a role



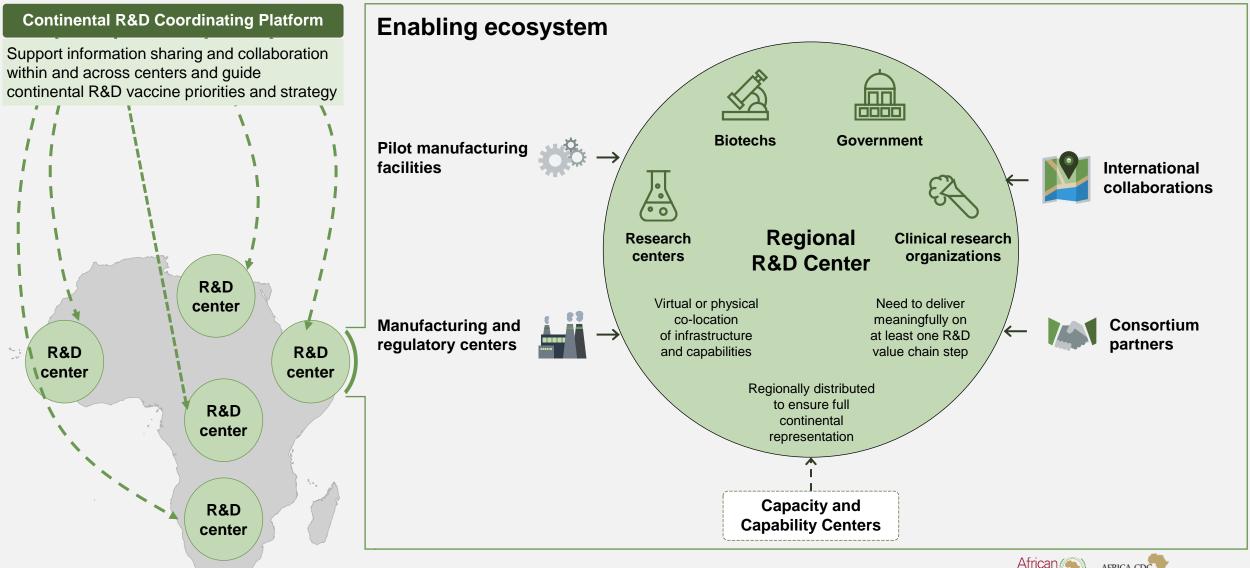


For each of the 5 African Union regions, we have identified countries with stronger R&D activity

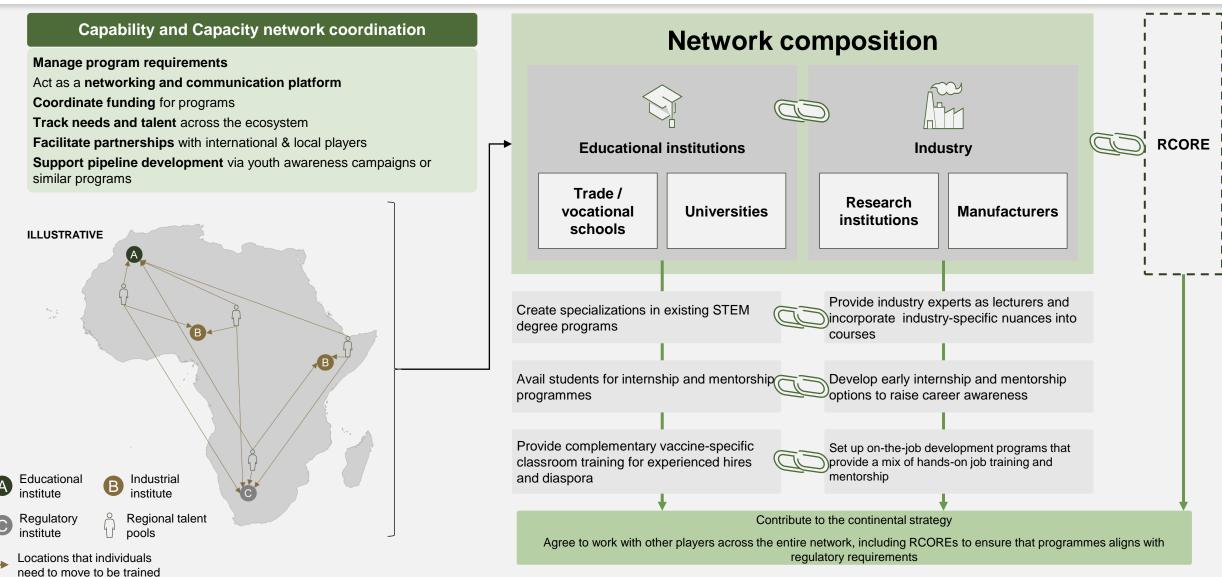




R&D centers will regionally consolidate infrastructure, capacity and expertise across a given portion of the R&D value chain supported by a Coordinating Platform



PAVM is creating a Capability and Capacity Network model that comprises of educational industrial and regulatory institutions to build talent and capabilities



Acknowledgment

Advisory Group

Wider group to be kept involved and provide strategic and technical advice to the PAVM central Task Force



R&D and talent Infrastructure development development

Lead

 Mrs. Jane Karonga (UNECA)

Members

1. Dr. Chidi Nweneka (AVMI)

Market design and

demand intelligence

- 2. Mr. Miloud Kaddar (Independent consultant)
- 3. Mrs. Mohga Kamal-Yanni (Independent consultant)
- 4. Dr. Samir Machour (Samsung Biologics)
- 5. Dr. Kirti Nasai (HealthValue consulting)
- 6. Mr. Rajinder Kumar Suri (DCVMN)

Lead

 Dr. Margareth Ndomondo-Sigonda (AUDA-NEPAD)

Regulatory strengthening

Members¹

- 1. Dr. Boitumelo Semete-Makokotlela (SAHPRA)
- 2. Prof. Mojisola Christianah Adeyeye (NAFDAC Nigeria)
- 3. Mrs. Heran Gerba (EFDA)
- 4. David Mukanga (BMGF)
- 5. Hiiti Baran Sillon (TFDA)
- 6. Mrs. Delese Mimi Darko (Ghana FDA)
- 7. Malika Almansouri (CEPI)
- 8. Other members who joined after inception²

Lead

- Mrs. Oluranti Doherty (Afreximbank)
- Mr. Alhassan Haydara (AfDB)

Access to finance

Members

- 1. Mrs. Nafisa Jiwani (US DFC)
- 2. Dr. Muhammad Ali Pate (WBG)
- 3. Dr. Heba Wali (VACSERA)
- 4. Dr. Francine Ntoumi (Congolese Foundation for Medical Research)
- 5. Mr. Ekene Uzor (AfreximBank)
- 6. Mr. Amadou Kanoute (CICODEV)
- 7. Dr. Rita Babihuga-Nsanze (AFC)

Intellectual property Lead

• Dr. Simon Agwale (AVMI)

Technology and

Members

- 1. Dr Ebrahim Mohamed (Biovac)
- 2. Prof. George Marimwe (Welcome Trust Research Program)
- 3. Dr. Patrick Soon-Shiong (NantWorks)
- 4. Ms. Glaudina Loots (Department of Science and Innovation, SA)
- 5. Mr. Ermias Biadgleng (UNCTAD)
- Prof. Caroline Ncube (University of Cape Town)
- 7. Safura Abdool Karim (Wits University)

Lead

 Prof. Anna-Lise Williamson (ARUA)

Members¹

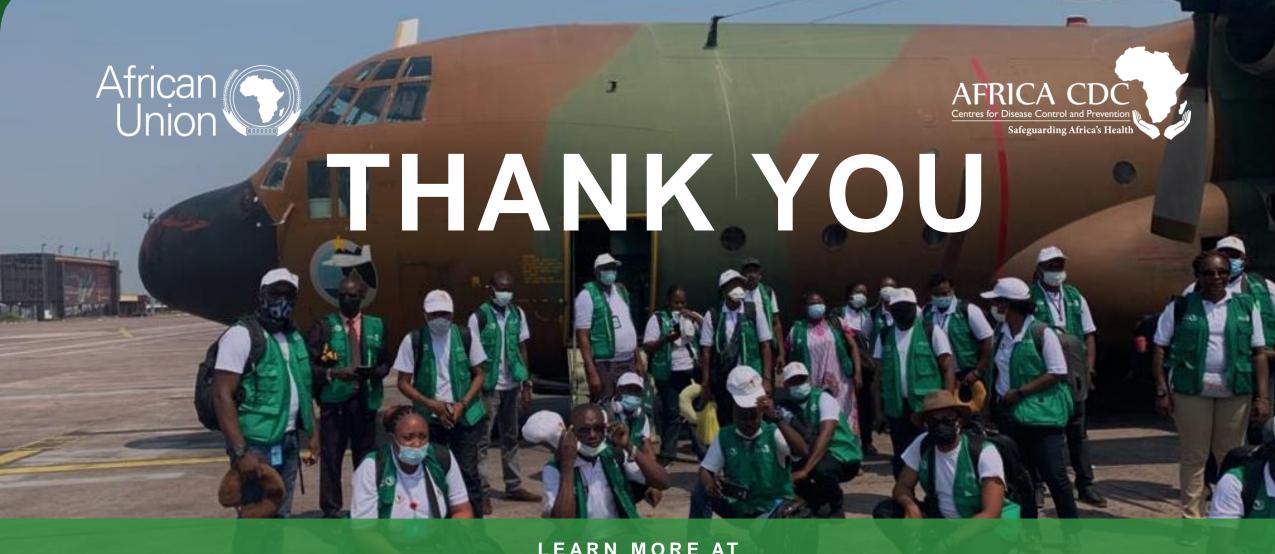
- 1. Prof. Senait Fisseha (Susan Thompson Buffett Foundation)
- 2. Mr. Patrick Tippoo (Biovac)
- 3. Dr Nigel Garett (CAPRISA)
- 4. Prof. William Ampofo (AVMI)
- 5. Dr. Rudzani Muloiwa (VACFA)
- 6. Dr. Yvonne Mburu (Nexakli)
- 7. Other members who joined after inception³

- Themba Khumalo (AfCFTA)
- Mike Salawou (AfDB)

Members

- 1. Mr. Richard van Duyse (AVMI)
- 2. Mrs. Zouera Youssoufou (Dangote Foundation)
- 3. Mr. Paul Lartey (Independent consultant)
- 4. Mr. Ajay Kumar Pal (Cipla Quality Chemicals Industries)
- 5. Mr. Kristopher Howard (independent consultant)
- 6.Mr. Ranga Machemedze (SEATINI)
- 7. Mrs. Molly Gbodimowo (Africa50)
- 8. Prof Petro Terblanche (Afrigen)

- 1. Listed members who joined at the inception and stayed active to date
- 2. Bartholomew Dicky Akanmori (WHO-AFRO), Houda Langar (WHO-EMRO), Elisabeth Ludeman, Khadidiatou Aw (USAID), Prof. Emile Bienvenu (Rwanda), Dr. Dalia Abouhussein (Egypt), Dr. Adam Fimbo (Tanzania), Prof. Bouchra Meddah (Morocco), Dr. Oumy Ndao (Senegal), Dr. Fenina Nadia (Tunisia), Dr. Stephen Ghanie (Botswana), Dr. David Nahamya (Uganda), Dr. Fred Sivoi (Kenva)
- 3. Gerhardt Boukes (Afrigen), Christopher da Costa, Lisa Bonadonna, Dr. Abebe Genetu (CEPI), Richard Gordon (MRC), Dr. James Nokes (KEMRI|Wellcome Tust Barney Graham (NHC)s Vaccine Research Center), Adrian Hill (Oxford University), Prof. Richard Adegbola (Nigeria Medical Research Institute), Valerie Mizrahi (UCT), Willy Urasa (Shiba VD QMS Consulting)



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