

## **PS1.2**

**VACCINES, THERAPEUTICS, DIAGNOSTICS, AND OTHER SUPPLIES:  
INNOVATION, ACCESS AND EQUITY**

## | BACKGROUND

Control over most of the production and distribution of countermeasures (vaccines, diagnostics, therapeutics and other critical supplies) related to prevention and mitigation of health impacts in pandemics, as seen with COVID-19, rests with a small number of countries. National security and economic interests, not epidemiology, dominated decision-making leading to shortages in countries lacking the wealth and fiscal capacities to compete in gaining timely access to such goods.

International organizations and mechanisms, including the Gavi, the Vaccine Alliance, the Coalition for Epidemic Preparedness Innovations (CEPI), the Access to COVID-19 Tools Accelerator (ACT-A), launched by WHO and partners with three pillars on Diagnostics, Therapeutics, and Vaccines (COVAX), have made strong contributions to global health, but have limitations that were exposed during the COVID-19 pandemic. The WHO mRNA vaccine technology transfer hub initiative offers a basis for assessment of possibilities and pitfalls in ensuring global access to pandemic-related health tools, and how limitations of the governance structure of ACT-A should inform WHO's roles in overseeing future equitable distribution.

The politicization of science leads to people distrusting some health tools, especially vaccines, resulting in poor uptake and increased morbidity and mortality. Moreover, misinformation and disinformation about the safety and efficacy of new vaccines lead to limited acceptance and uptake in many settings, both rich and poor; however, the impact is greater among poor and rural populations.

The Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement of 1995 requires member countries to make patents available for any invention, whether products or processes, in all fields of technology without discrimination, subject to the normal tests of novelty, inventiveness, and industrial applicability. There is growing consensus that the 2022 TRIPS waiver for COVID-19 vaccines failed to remedy long-standing concerns with the role of intellectual property rights (IPR) in access to health innovations (pandemic-related or otherwise) and that governments in their research funding or advance purchase agreements must place conditionalities on private sector IPR and market decision-making to ensure that there is equitable access to such products globally.

The global health governance is often constrained in addressing global health challenges separate from the interests of large donor members. The broader context is a need to examine the reform of multistakeholder global health governance with reference to more equitable participation from LMICs (particularly LDCs) and civil society organizations. Several major initiatives developed by ACT-A stakeholders, G20, G7, IPPPR, and INB-global treaty, will shed light on the future global health landscape. An important issue to take on is the dilemma between multilateralism underpinning a globalized world and national interest, self-determination; how to integrate into global and national governance.

## | OBJECTIVES

This session will examine issues highlighted in the background and propose recommendations and improvements related to:

- The centralized control of essential products in the hands of a few high-income countries
- The limited voice of LMIC in global health governance
- The West-East polarization of global health decision-making and supply chains
- Mistrust of vaccines and therapeutics, often based on misinformation and disinformation
- The limitations of the current TRIPS agreement

The session will reflect on the lessons learned from the COVID pandemic and look into future mechanisms and changes at global, regional, country, and sub-national levels, enabling better prevention, preparedness, and response.



## Panelist

### Tim Nguyen

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Tim Nguyen is the Head of Unit for High Impact Events in the Epidemic and Pandemic Preparedness and Prevention Department of the WHO Health Emergencies Programme (WHE). His unit develops innovative approaches to community co-creation and decision-making tools. Joining WHO in 2006 working as a Technical Officer in the Yellow Fever Programme which coordinated an initiative funded by the GAVI Alliance to provide 40 million doses of vaccine to most at risk populations. In 2008, he joined WHO's Global Influenza Programme and took part in the global response work to the first influenza pandemic of the 21st century. From 2014-2017, he was the Unit leader for Knowledge Management, Evidence and Research for Policy-Making at the WHO Regional Office for Europe based in Copenhagen, Denmark. There, he established the scientific journal Public Health Panorama and developed the WHO/Europe resolution and action plan for evidence-informed policy-making.

Tim is responsible to govern the strategic medical countermeasure reserves for pandemic influenza vaccines, as well as the WHO smallpox vaccine stockpile. His team is further responsible for the newly established WHO BioHub mechanism which allows for the sharing of biological materials with epidemic and pandemic potential for the development of future countermeasures. During the 2022 multi-country outbreak of mpox, he was responsible to assess the availability, access options to and allocation of mpox vaccines and antivirals. During his time as the Head of secretariat of the International Coordination Group for the provision of emergency vaccine (ICG), over 50 million doses of vaccines were shipped to over 60 country requests responding to outbreak control.

Currently, he leads WHO's work on the interim coordination mechanism for medical countermeasures (i-MCM-Net). The objective of i-MCM-Net is to strengthen the global MCM ecosystem's resilience, preparedness and responsiveness to pandemic threats by creating a measure of convergence and enhance communication, collaboration and coordination between existing key MCM networks, actors and constituencies at global and regional levels. To realize meet objective, the mechanism aims to facilitate alignment of partner efforts and resources, leverage collective expertise and catalyze joint action.