

Center for Vaccine
Ethics and Policy



Vaccines and Global Health: The Week in Review
22 April 2023 :: Issue 700
Center for Vaccine Ethics & Policy (CVEP)

This weekly digest targets news, events, announcements, articles and research in the vaccine and global health ethics and policy space and is aggregated from key governmental, NGO, international organization and industry sources, key peer-reviewed journals, and other media channels. This summary proceeds from the broad base of themes and issues monitored by the Center for Vaccine Ethics & Policy in its work: it is not intended to be exhaustive in its coverage.

Vaccines and Global Health: The Week in Review is published as a PDF and scheduled for release each Saturday [U.S.] at midnight [0000 GMT-5]. The PDF is posted at <https://centerforvaccineethicsandpolicy.net>. This blog allows full text searching of over 27,000 entries.

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Request email delivery of the pdf: *If you would like to receive the PDF of each edition via email [Constant Contact], please send your request to david.r.curry@centerforvaccineethicsandpolicy.org.*

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Milestones, Perspectives



[Africa needs to vaccinate 33 million children to put progress back on track](#)

Brazzaville, 20 April 2023 – **An estimated 33 million children will need to be vaccinated in Africa between 2023 and 2025 to put the continent back on track to achieve the 2030 global immunization goals** that include reducing morbidity and mortality from vaccine-preventable diseases, an analysis by World Health Organization (WHO) finds.

The unprecedented impact of the COVID-19 pandemic on routine immunization services has driven up the number of zero-dose and under-immunized children, rising by 16% between 2019 and 2021 and pushing the cumulative total (2019–2021) to around 33 million, which represents nearly half the global figure, according to estimates by WHO and UNICEF.

“The pandemic has seriously set back the region’s vaccination efforts and left millions of children vulnerable to vaccine-preventable diseases that can cause serious illness and even death,” said **Dr Matshidiso Moeti, WHO Regional Director for Africa**. “As countries strive to emerge from the long shadow of COVID-19, we cannot afford to lose further ground. Every effort must be made to ensure every child has access to essential vaccines.”

Without renewed political will and intensified efforts by governments, it is estimated that vaccination coverage in Africa will not return to pre-pandemic levels until 2027.

This year, African Vaccination Week and World Immunization Week, from 24–30 April, is being marked under the theme “The Big Catch-Up”. This is a global push by WHO and partners to intensify efforts to reach children who missed vaccinations, as well as to restore and strengthen routine immunization programmes...

To urgently scale up coverage and protect children, WHO and partners are supporting 10 priority African countries—which are among the top 20 countries globally with the highest numbers of zero-dose children—to carry out catch-up routine vaccination campaigns.

African governments and healthcare workers made heroic efforts during an unprecedented public health emergency, vaccinating more people than ever before in history. But the ripples of this emergency response effort are still being felt. At the Vaccine Alliance we are intensifying our efforts to support countries to make up lost ground,” said Aurelia Nguyen, Chief Programme and Strategy Officer for Gavi, the Vaccine Alliance...

Despite the disruptions, at least one third of African countries have sustained the target coverage of 90% or higher for the third dose of the diphtheria-tetanus-pertussis vaccine, and the third dose of the polio vaccine, over the past three years. However, only three countries have sustained this coverage for the second dose of the measles and yellow fever vaccines during the same period.

The region has also continued to step up the polio response. More than 30 million children were vaccinated against polio in Malawi, Mozambique, Tanzania, Zambia and Zimbabwe in 2022, following wild poliovirus type 1 cases being reported in Malawi and Mozambique.

"The ambition to ensure that every child has access to essential vaccines by 2030 is still within our reach if we act now," said Dr Moeti. "It is time for us to renew our commitment to this ambition and work..."



[New data indicates declining confidence in childhood vaccines of up to 44 percentage points in some countries during the COVID-19 pandemic - UNICEF](#)

NEW YORK, 20 April 2023 –

The public perception of the importance of vaccines for children declined during the COVID-19 pandemic in 52 out of 55 countries studied, UNICEF warned today in a new report on immunization.

The State of the World's Children 2023: For Every Child, Vaccination reveals the **perception of the importance of vaccines for children declined by more than a third in the Republic of Korea, Papua New Guinea, Ghana, Senegal and Japan after the start of the pandemic.** In the new data, collected by The Vaccine Confidence Project and published today by UNICEF, China, India and Mexico were the only countries studied where the data indicates the perception of the importance of vaccines held firm or even improved. In most countries, people under 35 and women were more likely to report less confidence about vaccines for children after the start of the pandemic.*

Vaccine confidence is volatile and time specific. Additional data collection and further analysis will be required to determine if the findings are indicative of a longer-term trend. **Despite the falls, overall support for vaccines remains relatively strong. In almost half the 55 countries studied more than 80 per cent of respondents perceived vaccines as important for children.**

However, the report warns the confluence of several factors suggest the threat of vaccine hesitancy may be growing. **These factors include uncertainty about the response to the pandemic, growing access to misleading information, declining trust in expertise, and political polarisation.**

"At the height of the pandemic, scientists rapidly developed vaccines that saved countless lives. But despite this historic achievement, fear and disinformation about all types of vaccines circulated as widely as the virus itself," said Catherine Russell, UNICEF Executive Director. "This data is a worrying warning signal. **We cannot allow confidence in routine immunizations to become another victim of the pandemic. Otherwise, the next wave of deaths could be of more children with measles, diphtheria or other preventable diseases.**"

Alarmingly, the decline in confidence comes amid the [largest sustained backslide in childhood immunization in 30 years](#), fuelled by the COVID-19 pandemic. The pandemic interrupted childhood vaccination almost everywhere, especially due to intense demands on health systems, the diversion of immunization resources to COVID-19 vaccination, health worker shortages and stay-at-home measures.

Today's report warns a total of 67 million children missed out on vaccinations between 2019 and 2021, with vaccination coverage levels decreasing in 112 countries. Children born just before or during the pandemic are now moving past the age when they would normally be vaccinated, underscoring the need for urgent action to catch up on those who were missed and prevent deadly disease outbreaks.

In 2022, for example, the number of measles cases was more than double the total in the previous year. The number of children paralysed by polio was up 16 per cent year-on-year in 2022. When comparing the 2019 to 2021 period with the previous three-year period, there was an eight-fold increase in the number of children paralysed by polio, highlighting the need to ensure vaccination efforts are sustained.

The pandemic also exacerbated existing inequities. For far too many children, especially in the most marginalised communities, vaccination is still not available, accessible or affordable. Even before the pandemic, progress on vaccination had stalled for almost a decade as the world struggled to reach the most marginalised children.

Of the 67 million children who missed out on routine vaccination between 2019 and 2021, **48 million didn't receive a single routine vaccine, also known as "zero-dose"**. As of the end of 2021, India and Nigeria (both countries with very large birth cohorts) had the largest numbers of zero-dose children but increases in the numbers of zero-dose children were especially notable in Myanmar and the Philippines.

The children who are missing out live in the poorest, most remote and marginalised communities, at times impacted by conflict. New data produced for the report by the International Center for Equity in Health found that in the poorest households, 1 in 5 children are zero-dose while in the wealthiest, it is just 1 in 20. It found unvaccinated children often live in hard-to-reach communities such as rural areas or urban slums. They often have mothers who have not been able to go to school and who are given little say in family decisions. These challenges are greatest in low- and middle-income countries, where about 1 in 10 children in urban areas are zero dose and 1 in 6 in rural areas. In upper-middle-income countries, there is almost no gap between urban and rural children.

To vaccinate every child, it is vital to strengthen primary health care and provide its mostly female front-line workers with the resources and support they need. The report finds women are at the front line of delivering vaccinations, but they face low pay, informal employment, lack of formal training and career opportunities and threats to their security.

To address this child survival crisis, UNICEF is calling on governments to double-down on their commitment to increase financing for immunization and to work with stakeholders to unlock available resources, including COVID-19 funds, to urgently implement and accelerate catch-up vaccination efforts to protect children and prevent disease outbreaks.

The report is urging governments to:

- Urgently identify and reach all children, especially those who missed vaccinations during the COVID-19 pandemic
- Strengthen demand for vaccines, including by building confidence
- Prioritise funding to immunization services and primary health care

- Build resilient health systems through investment in female health workers, innovation and local manufacturing

“Immunizations have saved millions of lives and protected communities from deadly disease outbreaks,” said Catherine Russell. “We know all too well that diseases do not respect borders. Routine immunizations and strong health systems are our best shot at preventing future pandemics, unnecessary deaths and suffering. With resources still available from the COVID-19 vaccination drive, now is the time to redirect those funds to strengthen immunization services and invest in sustainable systems for every child.”

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The State of the World's Children

UNICEF's flagship report – the most comprehensive analysis of global trends affecting children.

April 2023 :: 226 pages

<https://www.unicef.org/media/108161/file/SOWC-2023-full-report-English.pdf>

Highlights

The world is facing a red alert for children’s health: Routine vaccination coverage dropped sharply during the COVID-19 pandemic. UNICEF’s latest report, *The State of the World’s Children 2023: For every child, vaccination*, explores the reasons behind this red alert and the steps we as a global community must take to make sure that no child is left behind.



The COVID-19 pandemic set back childhood immunization around the world

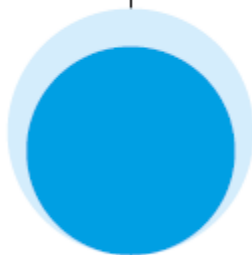
UNICEF estimates that

67 million
children

missed out entirely or partially on routine immunization between 2019 and 2021;

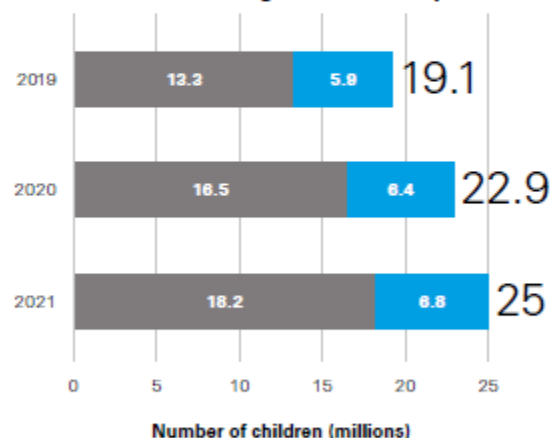
48 million

of them missed out entirely.



Disruptions caused by the pandemic interrupted childhood vaccination almost everywhere, setting back vaccination rates to levels not seen since 2008.

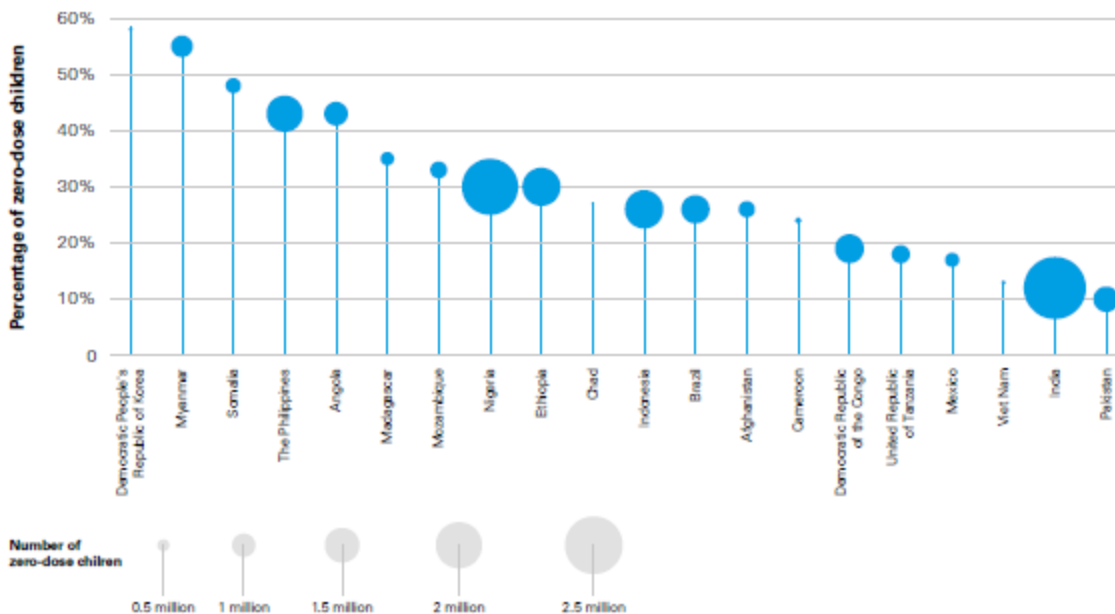
Figure 2. The number* of children who missed vaccination rose during the COVID-19 pandemic



Vaccination status ■ Zero-dose ■ Under-vaccinated

Source: World Health Organization and United Nations Children's Fund, "Estimates of National Immunization Coverage (WUENIC) 2021 revision", July 2022. *Numbers are rounded.

Figure 3. Top 20 countries with the largest numbers of zero-dose children
 Zero-dose children by number and percentage of the country's child population, 2021



Source: World Health Organization and United Nations Children's Fund, "Estimates of National Immunization Coverage (WUENIC), 2021 revision", July 2022.



Featured Journal Content

The Lancet

Apr 22, 2023 Volume 401 Number 10385 p1313-1398
<https://www.thelancet.com/journals/lancet/issue/current>

Editorial

[Routine immunisations: reversing the decline](#)

The Lancet

Over the past 3 years, the COVID-19 pandemic has shown the power and potential of vaccination in real time. But it has also disrupted health services and caused supply chain challenges, resulting in stagnation and backsliding of routine vaccinations. For example, global coverage of the third dose of the diphtheria–tetanus–pertussis vaccine fell from 86% in 2019 to 81% in 2021—the lowest level since 2008. Many other routine vaccinations showed similar reductions. 25 million children missed out on life-saving measles, diphtheria, and tetanus vaccines in 2021. 18 million have never received a single dose of any vaccine (so called zero-dose children). To prevent further setbacks, World Immunization Week 2023, from April 24 to 30, calls for a catch-up to return to pre-pandemic vaccination levels. But what are the prospects of doing so?

Central to any effort to improve global immunisation rates is Gavi, the Vaccine Alliance. The organisation works with the public and private sector to secure access to critical vaccines in low-income

countries. More than 981 million children have been vaccinated through its programmes, preventing more than 16·2 million deaths. In August, Muhammad Ali Pate—formerly at the World Bank and Health Minister for Nigeria—will replace Seth Berkley as CEO. Pate says his priorities are to support countries to scale up critical routine immunisation programmes, reach more zero-dose children, expand access to new vaccines, transform primary health-care systems, and help fight outbreaks and future pandemics.

With respect to bolstering national routine immunisations, the centrepiece of global efforts is WHO's Immunization Agenda 2030, launched in 2021, which aims to make immunisations accessible to all by integrating them into primary health-care services and encouraging the development of national strategy plans. As we argued in an Editorial in 2021, the Agenda's success depends on how well national plans are implemented and ensuring that financing is sustained. Whether any progress has been made will be revealed later this year in the Agenda's first monitoring and evaluation report. But the recent statistics on global immunisation coverage and continuous shortages of health-care workers do not bode well.

Pate's mention of new vaccines is presumably an allusion to new malaria vaccines, which have the potential to safeguard millions of lives, although Gavi has not yet announced whether it will support funding and distribution. The RTS,S vaccine is undergoing pilot testing in Ghana, Kenya, and Malawi. A second vaccine, R21/Matrix-M, developed by the University of Oxford and manufactured by the Serum Institute of India, has been approved in Ghana; WHO is assessing whether to recommend it for wider use. There is also a great deal of hype around mRNA vaccines for diseases ranging from cancer to cardiovascular and autoimmune diseases, spurred on by the successes of COVID-19 vaccine development.

Whether or not these promises come to pass, a key lesson from the COVID-19 pandemic is the difficulty of ensuring global vaccine equity. While high-income countries hoarded vaccines, low-income and middle-income countries were left behind. COVAX, the global initiative to ensure fair and equitable distribution of COVID-19 vaccines, failed to deliver. The new proposed treaty on pandemic preparedness and response aims to avoid repetition of these failings but it is often vague, woolly, idealistic, and lacking in practical details. For Pate to fulfil his aim to do better in future pandemics—and to make new vaccines routinely available to all who need them—will require far more muscular and clearly articulated approaches to equity.

One challenge Pate did not mention is vaccine hesitancy, which continues to threaten childhood immunisation. A new UNICEF report warns that public perception of the importance of childhood vaccines declined during the COVID-19 pandemic in 52 of 55 countries studied. A Lancet Viewpoint by Douglas J Opel published earlier this year, exploring how the COVID-19 pandemic might affect confidence in US childhood vaccinations, proposed a series of measures, including scientific literacy, further research on risk perception, reduction of childhood vaccination inequities, and restoration of trust in medicine and public health. Without tackling vaccine hesitancy, any attempt to boost coverage rates will struggle.

Countries are facing many challenges in improving routine childhood immunisations. Reversing the downward trends will require action across several fronts. Pate's new leadership of Gavi—if he can fulfil his agenda—could be a timely chance to refresh.



Key leadership appointments made to drive WHO strategic direction and initiatives

17 April 2023 *News release*

The World Health Organization (WHO) has appointed five new senior figures to its headquarters leadership team in Geneva. The new appointments follow the reappointment of Dr Tedros Adhanom Ghebreyesus to his second five-year term as Director-General. The overall leadership team has been consolidated to align with the Organization's priorities for the next five years and will work closely with the Director-General to drive forward these priorities and WHO's ambitious transformation agenda.

To accelerate progress on implementation of WHO's 13th General Programme of Work (GPW13), and achievement of its "triple billion" targets and the health-related Sustainable Development Goals,

WHO's work for the coming five years is focused on five priorities:

- **making a paradigm shift towards promoting health and preventing disease by addressing its root causes;**
- **radically reorienting health systems towards primary health care;**
- **strengthening the systems for health emergency preparedness and response;**
- **harnessing the power of science, innovation, data and technologies to advance health; and strengthening WHO as the leading authority on global health and to achieve impact in countries.**

The headquarters leadership team, comprising equal numbers of women and men, will work jointly with WHO regional and country offices. New members of the headquarters leadership team:

Dr Jeremy Farrar will become WHO's Chief Scientist as of 8 May 2023. The appointment of Dr Farrar was previously announced in December 2022. In this role Dr Farrar will oversee the Science Division, bringing together the best experts and networks in science and innovation from around the world to guide, develop and deliver high quality health policies and services to the people who need them most. Prior to joining WHO Dr Farrar was Director of the Wellcome Trust. Before joining Wellcome in 2013 Dr Farrar spent 17 years as Director of the Clinical Research Unit at the Hospital for Tropical Diseases in Viet Nam where his research interests were in global health with a focus on emerging infectious diseases. Dr Farrar is a clinician researcher with a medical degree and a PhD.

Dr Ailan Li will become Assistant Director-General for Universal Health Coverage, Healthier Populations as of 8 May 2023. In this role Dr Li will oversee the Organization's efforts to promote better health and well-being through interventions relating to the environmental, social, and economic determinants of health, including climate change, tobacco control, chemical safety, road safety, food systems and nutrition, physical activity, air pollution and radiation, through a One Health approach. Dr Li has been serving as the WHO Representative to the Kingdom of Cambodia since 15 July 2019. Prior to this role, Dr Li served as Regional Emergency Director for the WHO Health Emergencies Programme in the WHO Regional Office for the Western Pacific. Dr Li holds a medical degree and degree in health social sciences.

Dr Yukiko Nakatani will become Assistant Director-General for Access to Medicines and Health Products as of 2 May 2023. In this role Dr Nakatani will oversee the development and implementation of WHO's norms and policies to ensure equitable access to quality medicines, vaccines and diagnostics for all populations everywhere, including for preventing and responding to epidemics. Dr Nakatani has been serving as the Director of the Cancer and Disease Control Division of the Japanese Ministry of Health, Labour and Welfare and as the Technical Advisor to the Minister of State

for the COVID-19 Vaccination Task Force in Japan. Dr Nakatani holds a medical degree and a PhD in public health.

Dr Razia Pendse will become the Chef de Cabinet as of 4 May 2023. In this role Dr Pendse will head the Director-General's Office, helping to drive the Organization's priorities and initiatives, and will ensure alignment within the WHO leadership team and across the three levels of WHO. Dr Pendse has been serving as the Director of Healthier Populations and Noncommunicable Diseases in the WHO Regional Office for South-East Asia and was previously the WHO Representative to Sri Lanka. Dr Pendse holds a medical degree and master's degree in public health.

Dr Jérôme Salomon will become Assistant Director-General for Universal Health Coverage, Communicable and Noncommunicable Diseases as of 17 April 2023. In this role Dr Salomon will oversee a broad portfolio of technical programmes covering HIV, viral hepatitis, sexually-transmitted infections, tuberculosis, malaria, neglected tropical diseases, mental health, substance use disorders, and noncommunicable diseases such as cardiovascular disease, diabetes, chronic respiratory diseases and cancer. Dr Salomon has been serving as the Director-General for Health at the Ministry of Health and Prevention of France. He was a Member of the WHO Executive Board prior to his appointment and has extensive experience in health systems management, communicable diseases and international public health. Dr Salomon holds a medical degree, a master's degree in public health and a PhD in epidemiology.

The portfolios of existing members of the headquarters leadership team:

Dr Samira Asma will continue as the Assistant Director-General for Data, Analytics and Delivery for Impact. Dr Asma oversees a portfolio which ensures that health data are reliable and accessible, and are used to improve health outcomes worldwide, including tracking and accelerating progress towards the triple billion targets and the health-related Sustainable Development Goals. Prior to joining WHO in 2018, Dr Asma held leadership positions at the U.S. Centers for Disease Control and Prevention (CDC) for over two decades. She holds a doctorate degree in dental surgery and a master's degree in public health.

Dr Bruce Aylward has been appointed Assistant Director-General of the Universal Health Coverage, Life Course Division as of 4 May 2023. Dr Aylward has been leading WHO's Transformation Agenda and the Organization's work on the multi-agency Access to COVID-19 Tools Accelerator (ACT-A) Hub. In his new role, Dr Aylward will drive the Organization's agenda to transform primary health care as central to universal health coverage, as well as overseeing WHO's work on health systems, immunization and reproductive, maternal and child health. Dr Aylward holds a medical degree and a master's degree in public health.

Dr Hanan Balkhy will continue as Assistant Director-General for Antimicrobial Resistance. Dr Balkhy provides technical and political leadership to curb the health and economic burdens of drug resistance, including through multi-sectoral collaboration with the Food and Agriculture Organization, the World Organization for Animal Health, and the United Nations Environment Programme. Prior to joining WHO, Dr Balkhy was Executive Director for Infection Prevention and Control at Saudi Arabia's Ministry of National Guard. Dr Balkhy holds a medical degree with specialization in paediatric infectious diseases.

Dr Catharina Boehme will become Assistant Director-General, External Relations and Governance as of 4 May 2023. In this role Dr Boehme will lead WHO's strategic engagement in the

areas of governance, resource mobilization and partner relations. Her portfolio will include critical Member States processes, such as their negotiation of a pandemic accord, the reform of WHO's governance and the implementation of recommendations on sustainable financing. Dr Boehme has been serving as the Director-General's Chef de Cabinet during which time she drove the leadership's strategic vision, ensuring alignment across the Organization and with Member States and partners. She joined WHO in 2021, having been the Chief Executive Officer of FIND, the international alliance for diagnostics. Dr Boehme holds a medical degree and diplomas in public health and management.

Dr Chikwe Ihekweazu will continue as Assistant Director-General for the Division of Health Emergency Intelligence and Surveillance Systems in the Emergencies Programme. As part of his portfolio, Dr Ihekweazu leads the WHO Hub for Pandemic and Epidemic Intelligence, bringing together partners to address future pandemic and epidemic risks with better access to data, analytical capacities, and tools for decision-making. Prior to joining WHO, Dr Ihekweazu was the first Director General of the Nigeria Centre for Disease Control (NCDC), from 2016 to 2021. Dr Ihekweazu holds a medical degree, with specialization as an infectious disease epidemiologist, and a master's degree in public health.

Dr Michael Ryan will continue as Executive Director of WHO's Health Emergencies Programme. Dr Ryan has been managing health emergencies in WHO for the past 25 years and most recently led WHO's emergency response to the COVID-19 pandemic. He leads WHO's response to disease outbreaks, humanitarian crises and other public health emergencies. Dr Ryan is a founding member of the Global Outbreak Alert and Response Network (GOARN), which has aided the response to hundreds of disease outbreaks around the world. Dr Ryan holds a degree in medicine and a master's degree in public health.

Mr Raul Thomas will continue as Assistant Director-General for Business Operations. Mr Thomas has overall responsibility for WHO's business functions, including budget, finance, human resources, administration, audit, risk management, accountability and compliance, and general management. He is responsible for implementing many of the initiatives under the Organization's transformation agenda and creating a respectful, inclusive workplace. During his 20 years of employment with WHO, Mr Thomas has served in the regions of Africa, the Americas, the Eastern Mediterranean and the Western Pacific, as well as with the International Agency for Research on Cancer (IARC). Mr Thomas holds a master's degree in organizational management and a bachelor's degree in business administration.

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Malaria

[R21/Matrix-M™ malaria vaccine developed by University of Oxford receives regulatory clearance for use in Ghana](#)

13 April 2023

The University of Oxford-developed and Serum Institute of India Pvt Ltd (SIIPL)- manufactured and scaled up R21/Matrix-M™ malaria vaccine, leveraging Novavax's adjuvant technology, has been licensed for use in Ghana by the country's Food and Drugs Authority.

Overview

Globally, over 2.8 million new cases and almost 18 000 deaths were reported in the last 28 days (20 March to 16 April 2023), a decrease of 27% and 32%, respectively, compared to the previous 28 days (20 February to 19 March 2023). Contrary to the overall trend, significant increases in reported cases and deaths were seen in some WHO regions and countries. As of 16 April 2023, over 763 million confirmed cases and over 6.9 million deaths have been reported globally.

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[Global Compendium of Knowledge on COVID-19](#)

19 April 2023 *Departmental news*

The Global Compendium of Country Knowledge on COVID-19 vaccination is [now available](#) on TechNet21.

The Compendium stores over 140 documents and has recorded over 300 visits to the most popular ones. The Compendium is maintained and expanded to reflect the most relevant experiences and learnings from COVID-19 vaccination.

The Compendium is a space that:

- Facilitates the sharing of documented successes and challenges of national COVID-19 programmes with other countries, development partners, NGOs and entities supporting vaccine rollout. It is an opportunity to inform others on real-time issues, disseminate lessons learned and share possible solutions.
- Establishes a knowledge platform to inform planning for expanding vaccination across the life-course in non-emergency settings, and consider how emergency vaccination could be scaled-up in a future health crisis.
- Sends "information alerts" when updates become available, so users have access to latest experiences in a comprehensive and organized manner.

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COVID Vaccines – OCHA:: HDX

[COVID-19 Data Explorer: Global Humanitarian Operations](#)

COVID-19 Vaccine Roll-out

Apr 03, 2023 | COVAX (WHO,GAVI,CEPI), UNDESA, Press Reports | [DATA](#)

Website not responding at inquiry.

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Our World in Data

[Coronavirus \(COVID-19\) Vaccinations](#) [Accessed 22 Apr 2023]

:: [69.9%](#) of the world population has received at least one dose of a COVID-19 vaccine.

:: [13.37 billion doses](#) have been administered globally, and [238,508](#) are now administered each day.

:: [29.5%](#) of people in low-income countries have received at least one dose.

Daily COVID-19 vaccine doses administered

7-day rolling average. All doses, including boosters, are counted individually.



LINEAR LOG



Source: Official data collated by Our World in Data

CC BY

▶ Dec 2, 2020 ○ Apr 15, 2023



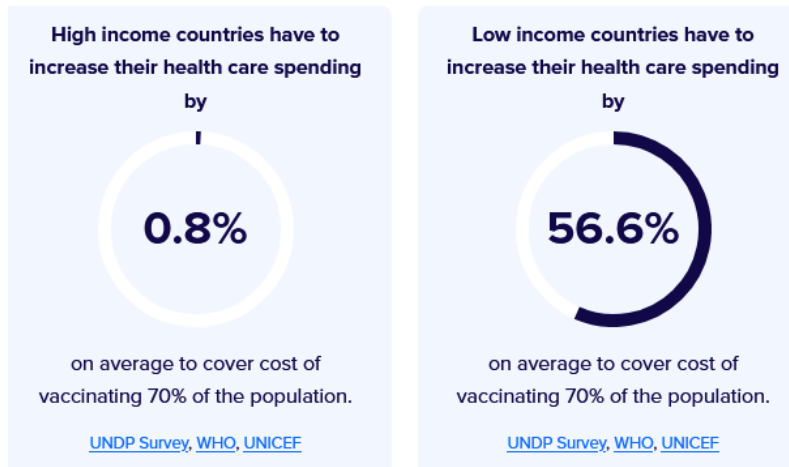
Global Dashboard on COVID-19 Vaccine Equity

The Dashboard is a joint initiative of UNDP, WHO and the University of Oxford with cooperation across the UN system, anchored in the SDG 3 Global Action Plan for Healthy Lives and Well-being for All.

Dashboard on Vaccine Equity [accessed 22 Apr 2023]: <https://data.undp.org/vaccine-equity/>

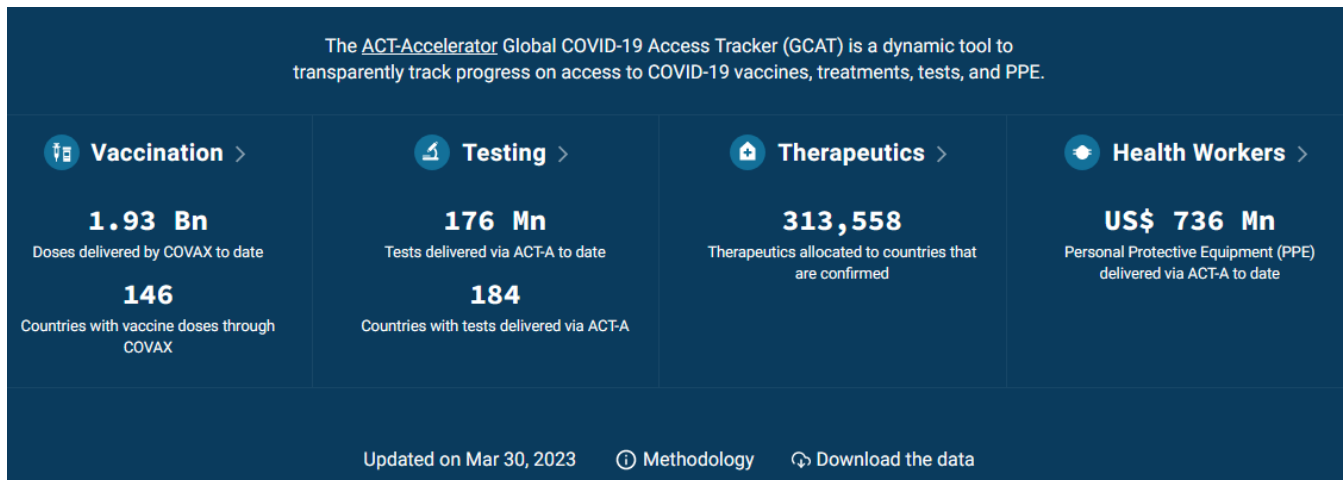
See also visualization on [Vaccine Access](#) and [Vaccine Affordability](#)





Global COVID-19 Access Tracker

<https://www.covid19globaltracker.org/>



Last Update on Mar 30, 2023



Duke – Launch and Scale Speedometer

[The Race for Global COVID-19 Vaccine Equity](#)

[See our COVID Vaccine Purchases research](#)

[See our COVID Vaccine Manufacturing research](#)

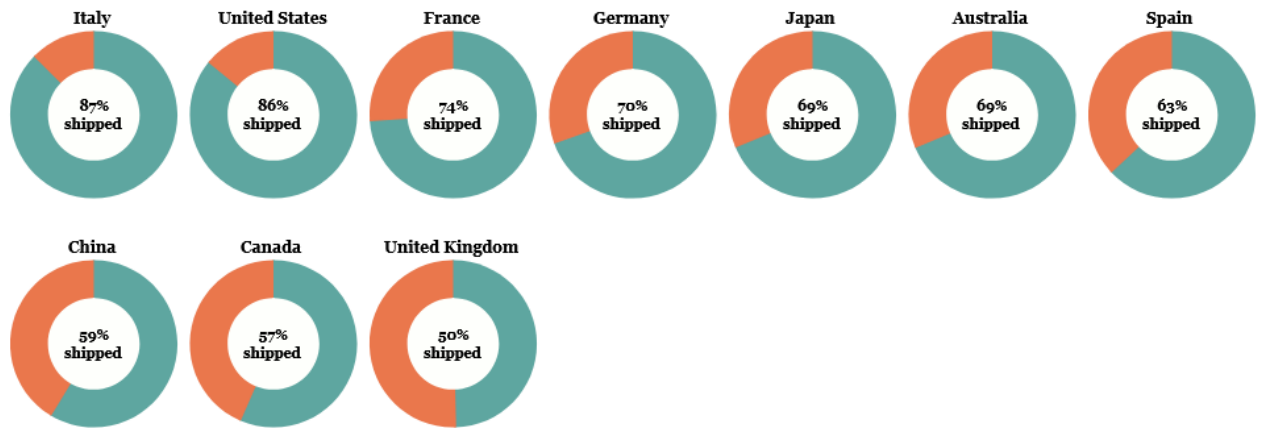
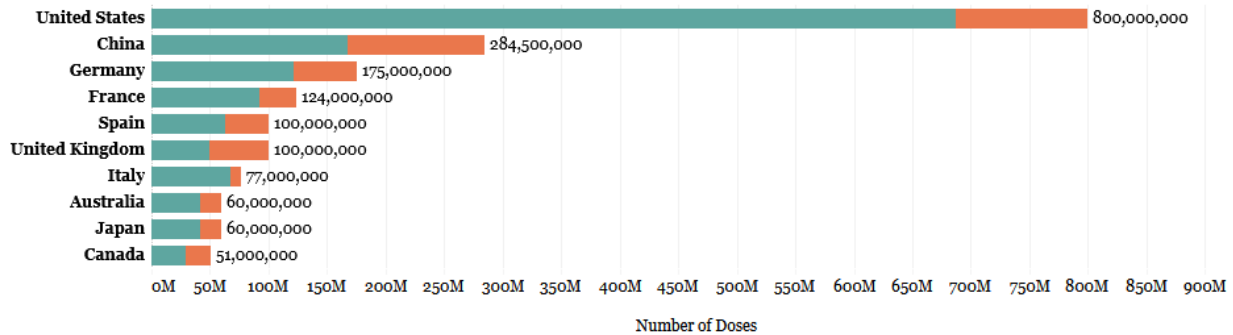
[See our COVID Vaccine Donations & Exports research](#)

Overview of donations by top 10 donating countries

Bar chart is ordered by total number of doses pledged.
Donut charts are ordered by proportion of pledged donations shipped.

Country Category:

■ Pledged doses
■ Total Shipped



Remaining	Total Shipped
589,669,568	1,630,865,630

Data updated on April 13th 2023



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U.S.: COVID-19/Vaccines – Announcements/Regulatory Actions/Deployment

HHS

News

[Statement from HHS Secretary Xavier Becerra on CDC’s Recommendation Allowing Older and Immunocompromised Adults to Receive Second Dose of Updated Vaccine](#)

April 19, 2023 | News Release

[Fact Sheet: HHS Announces ‘HHS Bridge Access Program For COVID-19 Vaccines and Treatments’ to Maintain Access to COVID-19 Care for the Uninsured](#)

April 18, 2023 | News Release

FDA

Press Announcements

April 18, 2023 - [Coronavirus \(COVID-19\) Update: FDA Authorizes Changes to Simplify Use of Bivalent mRNA COVID-19 Vaccines](#)

FDA VRBPAC

Advisory Committee Calendar

[Vaccines and Related Biological Products Advisory Committee May 18, 2023 Meeting Announcement - 05/18/2023](#)

On May 18, 2023, the committee will meet in open session to discuss and make recommendations on the safety and effectiveness of ABRYSVO (Respiratory Syncytial Virus Vaccine), manufactured by Pfizer Inc., with a requested indication, in Biologics License Application (BLA) 125768 (STN 125768/0), for the prevention of lower respiratory tract disease and severe lower respiratory tract disease caused by RSV in infants from birth through 6 months of age by active immunization of pregnant individuals.

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Europe: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

European Medicines Agency [EMA]

News & Press Releases

No new digest content identified.

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European Centre for Disease Prevention and Control

<https://www.ecdc.europa.eu/en>

News/Updates/Reports [Selected]

News

[European Immunization Week 2023](#)

Campaign - 21 Apr 2023

[Weekly COVID-19 country overview](#)

Epidemiological update - 21 Apr 2023

[WHO/ECDC report: antimicrobial resistance threatens patient safety in European Region](#)

Press release - 14 Apr 2023

[ECDC highlights measures to mitigate possible increase in mpox cases during spring and summer](#)

Press release - 14 Apr 2023

[Joint ECDC-WHO/Europe mpox \(monkeypox\) surveillance bulletin](#)

Epidemiological update - 5 Apr 2023

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Africa: COVID-19 – Announcements/Regulatory Actions/Deployment

<https://africacdc.org/covid-19-vaccination/>



Africa CDC COVID-19 Vaccine Dashboard

Safeguarding Africa's Health

Vaccine Overview

Vaccination Coverage

Vaccine Supply

Vaccine Utilization

Vaccine Policy

Vaccine Delivery Targets

Member State Vaccine Summary

Vaccine Administration based on Eligible Population [\(Click to View Entire Population\)](#)

1126.7M

Vaccine Doses Received

95.2%

% Doses Utilized

1072.5M

Vaccine Doses Administered

51.2%

% Coverage (Fully Vaccinated)

(Last Update: April 17, 2023)



China: COVID-19/Vaccines – Announcements/Regulatory Actions/Deployment

National Medical Products Administration – PRC [to 22 Apr 2023]

<http://english.nmpa.gov.cn/>

News

[Vulnerable urged to get vaccinated for COVID](#)

2023-04-21

Health experts have urged people who have not been fully vaccinated against COVID-19 to get vaccinated, especially the elderly and those with weakened immune systems, so as to protect themselves and maintain herd immunity levels.

Zheng Hui, a researcher at the Chinese Center for Disease Control and Prevention's national immunization program, said that following the wave of COVID-19 that peaked in late December and subsided in late February, China's population has accumulated "good hybrid immunity", that is, immunity provided by a combination of infection and vaccination.

"How will the virus mutate in the future, and with the hybrid immunity in place, when will the next wave of epidemic arrive and peak remain uncertain," she said. "But currently and in the short term, our vaccination strategy is to close up immunity gaps across the population."

Two categories of people are deemed as harboring less potent immunity against the virus, according to Zheng — those who have not been infected and have not completed recommended inoculation procedures, as well as recovered COVID-19 patients who had not been fully vaccinated before infection.

"Even though getting infected will induce a certain level of antibodies, human bodies will need antigenic stimulation at least three times to generate a relatively high level of protective effects," she said. Antigenic stimulation can be achieved either through infection or vaccination...

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Russia: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

Russia: Sputnik V – "the first registered COVID-19 vaccine"

<https://sputnikvaccine.com/newsroom/pressreleases/>

Press Releases

No new digest content identified. Last press release issued 31.08.2022.

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India: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

Government of India – Press Information Bureau

Latest Press Releases

COVID-19 UPDATE

Posted On: 22 APR 2023 10:24AM by PIB Delhi

- 220.66 cr Total Vaccine doses (95.21 cr Second Dose and 22.87 cr Precaution Dose) have been administered so far under Nationwide Vaccination Drive
- 5,602 doses administered in last 24 hours
- India's Active caseload currently stands at 67,556
- Active cases stand at 0.15%
- Recovery Rate currently at 98.66%
- 10,765 recoveries in the last 24 hours increases Total Recoveries to 4,42,83,021
- 12,193 new cases recorded in the last 24 hours
- Daily positivity rate (6.17%)
- Weekly Positivity Rate (5.29%)
- 92.52 cr Total Tests conducted so far; 1,97,477 tests conducted in the last 24 hours

Indian Council for Medical Research (ICMR)

<https://www.icmr.gov.in/media.html>

Press Releases

No new digest content identified.

Ministry of Health and Family Welfare

<https://www.mohfw.gov.in/>

COVID-19 INDIA as on :
22 April 2023,, 08:00 IST
(GMT+5:30)

(↑↓ Status change since
yesterday)

Active (0.15%)

67556

Discharged (98.66%)

44283021

Deaths (1.18%)

531300

COVID-19 Vaccination
as on : 22 April 2023,,
08:00 IST (GMT+5:30)

Total Vaccination : 220,66,37,581 (05,602 ↑)

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PHEIC

Mpox

Public Health Emergency of International Concern (PHEIC)

<https://www.who.int/emergencies/situations/monkeypox-oubreak-2022>

Last Update:

[**Multi-country outbreak of mpox, External situation report #20 -13 April 2023**](#)

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PHEIC

Polio

[**Polio this week as of 19 April 2023 - GPEI**](#)

Headlines [Selected]

No new digest content identified.

Summary of new polioviruses this week:

- Afghanistan: three WPV1 positive environmental samples
- Algeria: one cVDPV2 positive environmental sample
- Burundi: two cVDPV2 positive environmental samples
- Mozambique: three cVDPV1 cases

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UN OCHA – Current Emergencies

Current Corporate Emergencies

Afghanistan

Editor's Note:

We observe that OCHA has removed Afghanistan from its listing of "Current Emergencies." We did not identify any explanation for its removal.

Northern Ethiopia

No new digest content identified.

Somalia

No new digest content identified.

Türkiye/Syria Earthquakes

No new digest content identified.

Ukraine

Last Updated: 10 Feb 2023

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WHO & Regional Offices [to 22 Apr 2023]

<https://www.who.int/news>

Selected News/Announcements/Statements

21 April 2023 Departmental news

[WHO applauds Brazil's leadership in advancing multisectoral engagement towards ending TB](#)

21 April 2023 Departmental news

[Testing the accuracy of an innovation in diverse settings: A multi-country study assessing a smartphone blood pressure application](#)

21 April 2023 Departmental news

[Message by the Director of the Department of Immunization, Vaccines and Biologicals at WHO - April 2023](#)

20 April 2023 News release

[WHO releases the largest global collection of health inequality data](#)

Today, WHO is launching the Health Inequality Data Repository, the most comprehensive global collection of publicly available disaggregated data and evidence on population health and its determinants. The repository allows for tracking health inequalities across population groups and over time, by breaking down data according to group characteristics, ranging from education level to ethnicity.

The data from the repository show that, in just a decade, the rich-poor gap in health service coverage among women, newborns and children in low- and middle-income countries has nearly halved. They also reveal that, in these countries, eliminating wealth-related inequality in under-five mortality could help save the lives of 1.8 million children.

The Health Inequality Data Repository (HIDR) includes nearly 11 million data points and consists of 59 datasets from over 15 sources. The data include measurements of over 2000 indicators broken down by 22 dimensions of inequality, including demographic, socioeconomic and geographical factors. Topics covered include: the Sustainable Development Goals (SDGs); COVID-19; reproductive, maternal and child health; immunization; HIV; tuberculosis; malaria; nutrition; health care; non-communicable diseases and environmental health...

20 April 2023 Statement

[mRNA Technology Transfer Programme moves to the next phase of its development](#)

19 April 2023 Departmental news

[WHO releases new guide on developing national programmes for age-friendly cities and communities](#)

19 April 2023 Departmental news

[Global Compendium of Knowledge on COVID-19](#)

The Global Compendium of Country Knowledge on COVID-19 vaccination is [now available](#) on TechNet21.

The Compendium stores over 140 documents and has recorded over 300 visits to the most popular ones. The Compendium is maintained and expanded to reflect the most relevant experiences and learnings from COVID-19 vaccination.

The Compendium is a space that:

- Facilitates the sharing of documented successes and challenges of national COVID-19 programmes with other countries, development partners, NGOs and entities supporting vaccine rollout. It is an opportunity to inform others on real-time issues, disseminate lessons learned and share possible solutions.
- Establishes a knowledge platform to inform planning for expanding vaccination across the life-course in non-emergency settings, and consider how emergency vaccination could be scaled-up in a future health crisis.
- Sends "information alerts" when updates become available, so users have access to latest experiences in a comprehensive and organized manner.

19 April 2023 Departmental news

[WHO releases first-ever Standard on universal access to rapid TB diagnostics](#)

18 April 2023 Departmental news

[WHO/UNICEF have started the Immunization Annual Data Collection Process](#)

We are pleased to announce that the World Health Organization (WHO) / United Nations Children's Fund (UNICEF) electronic Joint Reporting Form on Immunization (eJRF), is open for completion since March 1st and it covers reporting data for 2022.

The eJRF is an online data collection portal, open to all Member States, Reporting Entities, and Associate Members for the collection of immunization performance data.

Since 1997, WHO and UNICEF have jointly collected information on immunization programmes and vaccine-preventable diseases. Data is gathered annually and used to support important global and regional monitoring and planning functions, as well as track progress towards global and regional indicators. In 2020, WHO Member States endorsed the [Immunization Agenda 2030 \(IA2030\)](#), where eJRF data is used to report on the [monitoring and evaluation framework](#) that guides immunization strategies at global and regional levels.

Countries enter immunization data through the application directly into a secure, centralized database, facilitating its validation and management...

18 April 2023 Departmental news

[WHO releases three online products to support implementation of NTD programmes](#)

17 April 2023 News release

[Key leadership appointments made to drive WHO strategic direction and initiatives](#)

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region

:: [Africa needs to vaccinate 33 million children to put progress back on track](#)

Brazzaville, 20 April 2023 – An estimated 33 million children will need to be vaccinated in Africa between 2023 and 2025 to put the continent back on track to achieve the 2030 global immunization goals that include reducing morbidity and mortality from vaccine-preventable diseases, an analysis by World Health Organization (WHO) finds.

:: [Mothers in Malawi value the first malaria vaccine](#) 18 April 2023

WHO Region of the Americas PAHO

:: 21 Apr 2023

[Canada and PAHO collaborate to strengthen vaccine manufacturing in Latin America and the Caribbean](#)

Washington D.C., 21 April 2023.- The Government of Canada and the Pan American Health Organization (PAHO) are collaborating to strengthen manufacturing capacities to increase the safe and timely access to vaccines in countries of Latin America and the Caribbean. Through C\$ 15 million (US\$ 11.1 million) funding provided by Global Affairs Canada (...)

:: 20 Apr 2023

[Risk of vaccine-preventable disease outbreaks at 30-year high, PAHO Director says](#)

In 2021, one in five children under the age of one year did not receive all vaccine doses. With Vaccination Week in the Americas 2023 starting next week, countries must accelerate efforts to improve routine vaccination coverage. Washington D.C. 20 April 2023 (PAHO) – The Pan American Health Organization (PAHO) Director, Dr. Jarbas Barbosa, calls...

:: 17 Apr 2023

[PAHO and partners launch report series to support healthy aging strategies in the Americas](#)

While life expectancy has increased in the region, people spend an average of 11 years in poor health Washington, DC, April 17, 2023 (PAHO)- A series of reports that seek to contribute to the development of healthy aging strategies in the Americas was launched today by the Pan American Health Organization (PAHO), in collaboration with other...

WHO South-East Asia Region SEARO

No new digest content identified.

WHO European Region EURO

:: 21 April 2023 News release

[WHO certifies Azerbaijan and Tajikistan as malaria-free](#)

:: 21 April 2023 News release

[Small countries face challenges in human resources for health, says working group](#)

:: 20 April 2023 Media release

[WHO/Europe calls for urgent action on oral disease as highest rates globally are recorded in European Region](#)

:: 20 April 2023 News release

[Armenia and WHO work towards achieving tuberculosis elimination goal](#)

WHO Western Pacific Region

No new digest content identified.

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Disease Outbreak News (DONs)

Latest WHO Disease Outbreak News (DONs), providing information on confirmed acute public health events or potential events of concern.

[21 April 2023 | Human Infection caused by Avian Influenza A \(H5N1\) - Chile](#)

[20 April 2023 | Circulating vaccine-derived poliovirus type 2 \(cVDPV2\) - Burundi](#)

[17 April 2023 | Circulating vaccine-derived poliovirus type 2 \(cVDPV2\) - Indonesia](#)

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New WHO Publications

<https://www.who.int/publications/i>

Selected

20 April 2023

[Monoclonal antibodies for malaria prevention](#)

20 April 2023

[Malaria chemoprevention](#)

20 April 2023

[Guidance for clinical case management of thrombosis with thrombocytopenia syndrome \(TTS\) following...](#)

20 April 2023

[Global celebrations of world patient safety day, 17 September 2022](#)

19 April 2023

[National programmes for age-friendly cities and communities: a guide](#)

19 April 2023

[Pandemic influenza preparedness framework: partnership contribution high-level implementation plan III...](#)

Overview

The Pandemic Influenza Pandemic (PIP) Framework's Partnership Contribution (PC) High-Level Implementation Plan III (HLIP III) outlines the strategy for strengthening global pandemic influenza preparedness from 2024 to 2030. HLIP III takes into consideration the lessons learned from the response to the COVID-19 pandemic, the gains made over time, including from previous HLIPs, and the broader programmatic and policy context in order to address gaps in pandemic influenza

preparedness. Implementation of HLIP III will strengthen global, regional, and country-level pandemic influenza preparedness.

18 April 2023

[**Committing to implementation of the Global Strategy for Women's, Children's and Adolescents' Health \(2016–2030\)**](#)

18 April 2023

[**WHO standard: universal access to rapid tuberculosis diagnostics**](#)

Overview

The WHO standard: Universal access to rapid tuberculosis diagnostics sets benchmarks to achieve universal access to WHO-recommended rapid diagnostics (WRDs), increase bacteriologically confirmed tuberculosis and drug resistance detection, and reduce the time to diagnosis. WHO-recommended rapid diagnostics are highly accurate, cost-effective, reduce the time to treatment initiation, and impact patient-important outcomes.

The WHO Standard comprises twelve benchmarks to be computed by countries in the four steps of the diagnostic cascade: identifying presumptive tuberculosis, accessing testing, being tested, and receiving a diagnosis. Mapping of enablers, approaches, and solutions to scale up the use of WRDs is provided to assist countries in meeting the standard and related benchmarks. Specific investment considerations are also provided, as well as two country case studies providing real-world examples of implementation. Universal access to tuberculosis diagnostics will result in better health for all and reduce the unacceptably high mortality due to this curable and preventable disease. It will require investment and concerted work by countries, partners, donors and civil society.

18 April 2023

[**Checklist for rapid assessment of policies and actions in environment, climate change and health: scaling...**](#)

18 April 2023

[**Self-care interventions: human papillomavirus \(HPV\) self-sampling as part of cervical cancer screening...**](#)

17 April 2023

[**Report of the second joint meeting \(hybrid\) of the WHO Global Advisory Committee on Vaccine Safety and the WHO Advisory Committee on Safety of Medicinal Products, 14–16 December 2022**](#)

Overview

The Global Advisory Committee on Vaccine Safety (GACVS) was established in 1999 to provide independent, authoritative scientific advice to WHO on vaccine safety issues of global or regional concern. The Advisory Committee on Safety of Medicinal Products (ACSoMP) was established in 2003 as an independent body for all WHO programmes that have a medicines component. Over the years, WHO has convened independent meetings of the 2 committees. In 2020, the 2 teams were merged into 1 pharmacovigilance (PVG) team. WHO plans to complement the independent meetings of ACSoMP and GACVS with a joint meeting of the 2 committees at least once a year, to provide expert advice on areas of pharmacovigilance that are common to both medicines and vaccines. A summary of the presentations and recommendations from the vaccine specific sessions and from sessions of common interest for pharmacovigilance of both medicines and vaccines is provided below.

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CDC/ACIP [U.S.] [to 22 Apr 2023]

<http://www.cdc.gov/media/index.html>

<https://www.cdc.gov/vaccines/acip/index.html>

Latest News Releases

[CDC's Disease Detectives Give First-Hand Accounts from the Front Lines of Public Health](#)

April 20, 2023The U.S. Centers for Disease Control and Prevention (CDC) will hold its annual Epidemic Intelligence Service (EIS) Conference April 24–27, 2023 in Atlanta. The event will feature 97 presentations on recent groundbreaking investigations...

[CDC simplifies COVID-19 vaccine recommendations, allows older adults and immunocompromised adults to get second dose of the updated vaccine](#)

April 19, 2023Following FDA regulatory action, CDC has taken steps to simplify COVID-19 vaccine recommendations and allow more flexibility for people at higher risk who want the option of added protection from additional COVID-19 vaccine doses.

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ACIP Meetings

Next ACIP Meeting: June 21-22

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MMWR Weekly

<https://www.cdc.gov/mmwr/index2023.html>

April 21, 2023 / No.16

[PDF of this issue](#)

- [Suspected Suicide Attempts by Self-Poisoning Among Persons Aged 10–19 Years During the COVID-19 Pandemic — United States, 2020–2022](#)
- [Stroke Mortality Among Black and White Adults Aged ≥35 Years Before and During the COVID-19 Pandemic — United States, 2015–2021](#)
- [The Association of Reported Experiences of Racial and Ethnic Discrimination in Health Care with COVID-19 Vaccination Status and Intent — United States, April 22, 2021–November 26, 2022](#)
- [Use of COVIDTests.gov At-Home Test Kits Among Adults in a National Household Probability Sample — United States, 2022](#)

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[Coronavirus Disease 2019 \(COVID-19\)- CDC](#)

Announcements/reports/data summaries [Selected]

4/19/23

[Overall US COVID-19 Vaccine Distribution and Administration Update as of Wed, 19 Apr 2023 06:00:00 EST](#)

4/19/23

[CDC simplifies COVID-19 vaccine recommendations, allows older adults and immunocompromised adults to get second dose of the updated vaccine](#)

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Africa CDC [to 22 Apr 2023]

<http://www.africacdc.org/>

Press Releases

[Improving COVID-19 vaccine uptake in Sierra Leone using people-centred approaches](#)

18 April 2023

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China CDC

<http://www.chinacdc.cn/en/>

National Health Commission of the People's Republic of China [to 22 Apr 2023]

<http://en.nhc.gov.cn/>

News

No new digest content identified.

National Medical Products Administration – PRC [to 22 Apr 2023]

<http://english.nmpa.gov.cn/>

News

[Vulnerable urged to get vaccinated for COVID](#)

2023-04-21

Health experts have urged people who have not been fully vaccinated against COVID-19 to get vaccinated, especially the elderly and those with weakened immune systems, so as to protect themselves and maintain herd immunity levels.

[Traditional Chinese medicine spreads to 196 countries, regions: official](#)

2023-04-21

Traditional Chinese medicine (TCM) has spread to 196 countries and regions and gained worldwide recognition for its unique strengths in disease prevention and control and rehabilitation, an official told a press conference on Thursday.

[TCM specialists sent to 29 countries during COVID-19 fight: official](#)

2023-04-21

China had dispatched traditional Chinese medicine (TCM) specialists to 29 countries to aid the fight against COVID-19 during the pandemic, an official told a press conference on Thursday.

[China CDC Weekly Reports: Current Volume \(5\)](#)

2023-04-21 / No. 16

[View PDF of this issue](#)

No new digest content identified.

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Organization Announcements

Paul G. Allen Frontiers Group [to 22 Apr 2023]

<https://alleninstitute.org/news-press/>

News

No new digest content identified.

BMGF - Gates Foundation [to 22 Apr 2023]

<https://www.gatesfoundation.org/ideas/media-center>

Press Releases and Statements

No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 22 Apr 2023]

<https://www.gatesmri.org/news>

The Bill & Melinda Gates Medical Research Institute is a non-profit biotech organization. Our mission is to develop products to fight malaria, tuberculosis, and diarrheal diseases—three major causes of mortality, poverty, and inequality in developing countries. The world has unprecedented scientific tools at its disposal; now is the time to use them to save the lives of the world's poorest people

News: Articles and Publications

No new digest content identified.

CARB-X [to 22 Apr 2023]

<https://carb-x.org/>

No new digest content identified.

Center for Vaccine Ethics and Policy – GE2P2 Global Foundation [to 22 Apr 2023]

<https://centerforvaccineethicsandpolicy.net/>

News/Analysis/Publications-Digests/Statements

:: [Vaccines and Global Health: The Week in Review](#) -22 April 2023

:: [Informed Consent: A Monthly Review – April 2023](#)

:: [Genomic Medicine – Governance, Ethics, Policy, Practice: A Monthly Digest](#) – April 2023

:: [Public Consultations Watch :: Global Calls for Input/Public Comment/RFIs](#) -

20 April 2023 – Issue 02

CEPI – Coalition for Epidemic Preparedness Innovations [to 22 Apr 2023]

<http://cepi.net/>

Latest News

[CEPI and GHIC collaborate to advance vaccine R&D for emerging infectious diseases](#)

19 Apr 2023

OSLO, Norway/ NEW YORK, NY; 19 April 2023: The Coalition for Epidemic Preparedness Innovations (CEPI) and the [Global Health Investment Corporation](#) (GHIC) have signed a Memorandum of Understanding (MoU) to enhance cooperation between the two organizations in the fields of vaccine research, development, manufacturing and stockpiling.

CEPI and GHIC have complementary mandates focused on accelerating the development and enabling equitable access to medical countermeasures against epidemic and pandemic threats. This new collaboration will support both organizations to deliver on their respective missions by fostering closer scientific and technical cooperation between the partners in pursuit of their common goals.

The partners will share information and expertise relevant to medical countermeasures with the potential to address emerging infectious disease threats and public health emergencies. They will also pursue opportunities for practical cooperation including strengthening both organizations' investment portfolios by jointly identifying – and potentially jointly funding – promising vaccine development platforms and technologies for the benefit of global health, including vaccine R&D for priority pathogens and virus families of mutual interest...

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 22 Apr 2023]

<https://cioms.ch/>

News; Publications; Events

[CIOMS Glossary of ICH terms and definitions: Version 3 now available](#)

Version 3 of the CIOMS Glossary of ICH terms and definitions is now freely available [here](#). It can also be accessed from the ICH webpage [here](#).

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 22 Apr 2023]

<https://www.darpa.mil/news>

News

No new digest content identified.

Duke Global Health Innovation Center [to 22 Apr 2023]

<https://dukeghic.org/>

Our Blog

No new digest content identified.

EDCTP [to 22 Apr 2023]

<http://www.edctp.org/>

The European & Developing Countries Clinical Trials Partnership (EDCTP) aims to accelerate the development of new or improved drugs, vaccines, microbicides and diagnostics against HIV/AIDS, tuberculosis and malaria as well as other poverty-related and neglected infectious diseases in sub-Saharan Africa, with a focus on phase II and III clinical trials

News

No new digest content identified.

Emory Vaccine Center [to 22 Apr 2023]

<http://www.vaccines.emory.edu/>

Vaccine Center News

No new digest content identified.

European Vaccine Initiative [to 22 Apr 2023]

<http://www.euvaccine.eu/>

Latest News, Events

News, Events

No new digest content identified.

Evidence Aid [to 22 Apr 2023]

Evidence Aid aims to save lives and livelihoods in disasters by providing decision-makers with the best available evidence and by championing its use.

<http://www.evidenceaid.org/>

Resources [Selected]

No new digest content identified.

Fondation Merieux [to 22 Apr 2023]

<http://www.fondation-merieux.org/>

News, Events

No new digest content identified.

Gavi [to 22 Apr 2023]

<https://www.gavi.org/>

News Releases

No new digest content identified.

GHIT Fund [to 22 Apr 2023]

<https://www.ghitfund.org/newsroom/press>

Press Releases

No new digest content identified.

Global Fund [to 22 Apr 2023]

<https://www.theglobalfund.org/en/news/>

News & Stories

21 April 2023

[**Global Fund Selects Roslyn Morauta as Board Chair and Bience Gawanas as Vice-Chair**](#)

The Global Fund to Fight AIDS, Tuberculosis and Malaria announced its Board has selected Lady Roslyn Morauta as Chair and Bience Gawanas as Vice-Chair, bringing two women with an exceptional level of leadership and international expertise to the gove...

18 April 2023

[Global Fund Investment in Medical Oxygen Infrastructure Launches in Kenya](#)

Kenyan President William Ruto inaugurated the procurement and distribution of US\$41.7 million worth of oxygen products throughout the country this week, with funding from the Global Fund COVID-19 Response Mechanism (C19RM) in partnership with the gov...

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 22 Apr 2023]

<https://www.glopid-r.org/news/>

News

No new digest content identified.

Hilleman Laboratories [to 22 Apr 2023]

<http://www.hilleman-labs.org/>

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 22 Apr 2023]

<https://www.hhmi.org/news>

Press Room

No new digest content identified.

Human Vaccines Project [to 22 Apr 2023]

<http://www.humanvaccinesproject.org/>

News

IMMUNOME Report

Apr 21, 2023

[Deep Learning Uncovers New Viruses Linked to Cancer](#)

IAVI [to 22 Apr 2023]

<https://www.iavi.org/>

Latest News

No new digest content identified.

ICRC [to 015 Oct 2022]

<https://www.icrc.org/en/whats-new>

What's New [Selected]

[Sudan: Pause in fighting needed to deliver medical supplies](#)

Geneva (ICRC) – A statement from Mirjana Spoljaric, the president of the International Committee of the Red Cross:
21-04-2023 | News release

INSERM [to 22 Apr 2023]
<https://www.inserm.fr/en/home/>
Press Releases
No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]
<http://www.icmra.info/drupal/en/news>
Selected Statements, Press Releases, Research
No new digest content identified.

IFFIm
<http://www.iffim.org/>
Press Releases/Announcements
[**Against the clock: Kenyan runner, 15, organises 10km run to beat cervical cancer**](#)
18 Apr 2023

More than 3,200 Kenyan women die of vaccine-preventable cervical cancer each year, but teenage athlete Stecy Bosse of Kisumu is racing to change that.

IFRC [to 22 Apr 2023]
<http://media.ifrc.org/ifrc/news/press-releases/>
Press Releases [Selected]
No new digest content identified.

Institut Pasteur [to 22 Apr 2023]
<https://www.pasteur.fr/en/press-area>
Press Documents
No new digest content identified.

ISC / International Science Council [to 22 Apr 2023]
<https://council.science/current/>
ISC is a non-governmental organization with a unique global membership that brings together 40 international scientific Unions and Associations and over 140 national and regional scientific organizations including Academies and Research Councils.
Latest Updates
Blogs
[**Statement on concerns over escalation of extreme violence in Sudan**](#)
21.04.2023

[The role of transdisciplinarity in advancing SDG implementation across African cities](#)

The ISC-led research funding programme “Leading Integrated Research for Agenda 2030 in Africa” (LIRA 2030 Africa) took a distinctive approach to researching urban challenges to sustainability through transdisciplinary, and in this blog, we seek to synthesize the key benefits that transdisciplinary approach provided to the LIRA projects.

19.04.2023

International Union of Immunological Societies (IUIS)

<https://iuis.org/>

News/Events [Selected]

[2023 International Day of Immunology](#)

Saturday 29th April 2023

The 2023 Day of Immunology theme is ‘Immunology Talks to Public Health.’ IUIS & EFIS invite all international societies to join in the effort to increase global awareness of the importance of immunology and demonstrate how our understanding of human immunology can improve public health.

[Read more about the Day of Immunology.](#) REGISTER TODAY!

IVAC [to 22 Apr 2023]

<https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html>

Updates; Events

[World Immunization Week 2023 \(Webinar\): Game Changers–Vaccine Innovations on the Horizon](#)

When: April 26th, 10:00am-11:30am EDT

Registration: https://jh.zoom.us/webinar/register/WN_t9sySAZwQoiJXZMd4W6z-Q

IVI [to 22 Apr 2023]

<http://www.ivi.int/>

IVI News & Announcements

[LSHTM-IVI Webinar | Hepatitis E Vaccination and Implementation](#)

Thursday, 27 April 2023 | Online

09:00-10:00 (BTS) | 17:00-18:00 (KST)

Johns Hopkins Center for Health Security [to 22 Apr 2023]

<https://www.centerforhealthsecurity.org/news/center-news/>

Center News [Selected]

[Health Security publishes special commentary on the White House Office of National Drug Control Policy’s approach to designating evolving and emerging drug threats](#)

April 17, 2023

MSF/Médecins Sans Frontières [to 22 Apr 2023]

<http://www.msf.org/>

Latest [Selected Announcements]

Sudan

[MSF urges for safety of medical teams as fighting escalates in Sudan](#)

Press Release 17 Apr 2023

National Academy of Medicine - USA [to 22 Apr 2023]

<https://nam.edu/programs/>

News [Selected]

No new digest content identified.

National Academy of Sciences - USA [to 22 Apr 2023]

<http://www.nasonline.org/news-and-multimedia/>

News

[Registration Now Open -- May 24-26 Nobel Prize Summit on Misinformation and Trust in Science](#)

March 19, 2023

Registration is now open for the Nobel Prize Summit 'Truth Trust and Hope' a global conversation on how to stop misinformation from eroding public trust in science. Hosted by NAS and the Nobel Foundation the summit takes place May 24-26 in Washington D.C. and virtually.

National Vaccine Program Office - U.S. HHS [to 22 Apr 2023]

<https://www.hhs.gov/vaccines/about/index.html>

Upcoming Meetings/Latest Updates

National Vaccine Advisory Committee (NVAC)

June 15-16, 2023 NVAC Meeting

NIH [to 22 Apr 2023]

<http://www.nih.gov/>

News Releases

No new digest content identified.

PATH [to 22 Apr 2023]

<https://www.path.org/media-center/>

Press Releases

[PATH launches search for Chief Scientific Officer](#)

April 20, 2023 by PATH

Seattle, April 20, 2023 – PATH is searching for a Chief Scientific Officer (CSO) to head a new division that will oversee the organization's vaccine, biologics, diagnostics, devices, and drug research, development, and introduction activities.

The CSO will report to PATH's CEO and President and will be a key member of the Executive Team, and will also work closely with partners to ensure that PATH's product development efforts are complementary and aligned with the organization's overall vision, mission, and strategy. The CSO will also drive the identification and alignment of strategic priorities for investments in scientific innovation efforts and act as a strategic liaison with program leaders for efforts related to scientific innovation...

Rockefeller Foundation [to 22 Apr 2023]

<https://www.rockefellerfoundation.org/>

Selected Reports/Press Releases

No new digest content identified.

Sabin Vaccine Institute [to 22 Apr 2023]

<https://www.sabin.org/press/>

Latest News & Press Releases

No new digest content identified.

UNAIDS [to 22 Apr 2023]

<http://www.unaids.org/en>

Selected Press Releases/Reports/Statements

18 April 2023

[**The power of visibility — My story as the first person who came out as a person living with HIV in Fiji**](#)

UNICEF [to 22 Apr 2023]

<https://www.unicef.org/media/press-releases>

Latest press releases, news notes and statements

Press release 20 April 2023

[**New data indicates declining confidence in childhood vaccines of up to 44 percentage points in some countries during the COVID-19 pandemic**](#)

https://www.unicef.org/press-releases/sowc_2023_immunization

NEW YORK, 20 April 2023 – The public perception of the importance of vaccines for children declined during the COVID-19 pandemic in 52 out of 55 countries studied, UNICEF warned today in a new report on immunization. The State of the World's Children 2023: For Every Child, Vaccination reveals the perception of the importance of vaccines for...

Unitaid [to 22 Apr 2023]

<https://unitaid.org/>

Featured News

20 April 2023

[**Africa leading the fight against malaria as world faces up to climate change**](#)

18 April 2023

[**Unitaid makes US\\$31 million investment in harm reduction efforts to prevent hepatitis C among people who inject drugs and others at high risk**](#)

16 April 2023

[**Key stakeholders convene ahead of the G20 second health working group to strengthen global collaboration in research and accelerate regional manufacturing for diagnostics**](#)

- G20 co-branded event was conducted by the Department of Pharmaceuticals, GoI, FIND, and Unitaid to discuss efforts for the sustainable development and manufacturing of effective, quality, and affordable diagnostic countermeasures
 - The objectives of the meeting inform the Health Working Group of the G20 Presidency, hosted by India
 - The meeting provides recommendations to the G20 and its Member States and international partners on the establishment of an R&D and manufacturing network for diagnostics
- GOA, INDIA – 16 April 2023. The Department of Pharmaceuticals, Government of India, FIND, and Unitaid co-hosted a high-level meeting to strengthen cooperation and enable sustainable development and manufacturing of effective, quality, and affordable diagnostic countermeasures prior to the G20 second health working group meeting, which will take place on 17–19 April 2023 in Goa, India. Stakeholders in attendance included representatives of the Government of India, G20 Member States (Australia, France, United Kingdom, Indonesia, Russia, Brazil, and observers Mauritius, Netherlands, and Oman), international organizations, and over 20 diagnostics manufacturers from around the world...

Vaccine Equity Cooperative [nee Initiative] [to 22 Apr 2023]

<https://vaccineequitycooperative.org/news/>

News

No new digest content identified.

Vaccination Acceptance & Demand Initiative [Sabin] [to 22 Apr 2023]

<https://www.vaccineacceptance.org/>

Announcements, Blog

2nd Annual Vaccination Acceptance Research Network Conference

[VARN2023 Registration](#)

Conference dates: June 13-15, 2023

Conference location: Bangkok, Thailand (venue information to come)

Vaccine Confidence Project [to 22 Apr 2023]

<http://www.vaccineconfidence.org/>

News, Research and Reports

No new digest content identified.

Vaccine Education Center – Children’s Hospital of Philadelphia [to 22 Apr 2023]

<http://www.chop.edu/centers-programs/vaccine-education-center>

No new digest content identified.

Wellcome Trust [to 22 Apr 2023]

<https://wellcome.ac.uk/news>

News. Opinion, Reports

No new digest content identified.

The Wistar Institute [to 22 Apr 2023]
<https://www.wistar.org/news/press-releases>
Media
No new digest content identified.

WFPHA: World Federation of Public Health Associations [to 22 Apr 2023]
<https://www.wfpha.org/>
Latest News - Blog
No new digest content identified.

World Medical Association [WMA] [to 22 Apr 2023]
<https://www.wma.net/news-press/press-releases/>
Press Releases
["Grave Concern" Expressed Over UK Government's Migrants Proposal \[Rwanda\]](#)
22 April 2023

...The United Kingdom Government's proposal to allow ministers to disregard interim measures issued by the European Court of Human Rights in relation to the treatment of migrants has been strongly criticised by the World Medical Association.

World Organisation for Animal Health (OIE) [to 22 Apr 2023]
<https://www.oie.int/en/>
Press Releases, Statements
No new digest content identified.

.....

ARM [Alliance for Regenerative Medicine] [to 22 Apr 2023]
<https://alliancerm.org/press-releases/>
Selected Press Releases
No new digest content identified.

BIO [to 22 Apr 2023]
<https://www.bio.org/press-releases>
Press Releases
[BIO to redouble efforts to ensure regulatory decision-making is "grounded in scientific and medical expertise"](#)
April 21, 2023

The Supreme Court ruled today that mifepristone will remain accessible during the appeals process of the April 7 Texas ruling that would have declared the Food and Drug Administration (FDA) approval of the drug invalid.

BIO interim President and CEO, Rachel King, made the following statement: "Today's decision is an important development for patients and for ensuring access to approved medicines. However, we must redouble our efforts to preserve and protect the FDA's long-standing role as the authority in

determining the safety and efficacy of medicines. As legal and medical experts have noted, the courts do not have the expertise or medical training to make these types of complex scientific determinations. At BIO, we will continue to organize and mobilize on behalf of patients and will work tirelessly to ensure that regulatory decision-making is grounded in scientific and medical expertise.”

DCVMN – Developing Country Vaccine Manufacturers Network [to 22 Apr 2023]

<http://www.dcvmn.org/>

News; Upcoming events

No new digest content identified.

ICBA – International Council of Biotechnology Associations [to 22 Apr 2023]

<https://internationalbiotech.org/news/>

News

No new digest content identified.

IFPMA [to 22 Apr 2023]

<https://ifpma.org/>

Selected Press Releases, Statements, Publications

Statement 17 Apr 2023

[Third meeting of the Working Group on Amendments to the International Health Regulations \(2005\)](#)

On 17 April, IFPMA delivered a statement at the third meeting of the Working Group on Amendments to the International Health Regulations (2005) held from 17-20 April 2023.

The innovative pharmaceutical industry appreciates the WGIHR for providing us with an opportunity to provide our brief comments. Given the lack of time, we will focus on three key areas.

First, the core of International Health Regulations (IHR) reform should be to ensure and promote the sharing of outbreak information, including pathogen samples and sequence data, in a timely way as a critical step to help inform a coordinated global response to outbreaks and trigger R&D. Year-round, pathogen-agnostic global surveillance of all human or likely zoonotic pathogens with epidemic or pandemic potential should be strengthened to support the objectives of the IHR.

Secondly, equity in access to health products is a significant topic that must be tackled through an inclusive dialogue between all stakeholders. Via the Berlin Declaration, industry has expressed its commitment to early access by reserving an allocation of real-time production of vaccine, treatments, and diagnostics for priority populations in lower-income countries and to take measures to make them available and affordable.

Lastly, we continue to encourage close coordination between not only the IHR and INB processes, but the work from WHO on the “Health Emergency Preparedness, Response and Resilience (HEPR)” and “Medical countermeasures platform” efforts, and how all of these discussions are progressing in other multilateral fora (e.g. G7, WTO, G20 and the UN). There are complex interdependencies that should be considered and incorporated into the discussions, avoiding unnecessary overlaps and duplications.

International Alliance of Patients' Organizations – IAPO [to 22 Apr 2023]

<https://www.iapo.org.uk/news/topic/6>

Press and media [Selected]

Save the date: 10th Global Patients Congress

We are delighted to announce that IAPO's 10th Global Patients Congress (GPC 2023) - "Innovative patient partnerships at the heart of global health advancement" will be held on 19 - 20 May 2023 at the Maison Internationale des Associations (MIA) in Geneva, Switzerland as a hybrid event.

International Generic and Biosimilar Medicines Association [IGBA]

<https://www.igbamedicines.org/>

News

IGBA Perspectives on Pandemic Accord (Zero Draft – April 2023)

[Undated]

The criticality of supply chain resilience has become increasingly apparent in recent years, including for essential medicines and health products. The COVID-19 pandemic and geopolitical tensions have highlighted certain vulnerabilities of global supply chains, particularly in the areas of raw materials, manufacturing, transportation, and logistics. Early in COVID 19 pandemic, widespread disruption of global trade created challenges for the uninterrupted supply of essential medicines, underscoring the importance of uniform support for resilient global supply chains.

PhRMA [to 22 Apr 2023]

<http://www.phrma.org/>

Press Releases

- No new digest announcements identified

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.....

Vaccines/Therapeutics/Medicines – Selected Developer/Manufacturer Announcements

AstraZeneca

Press Releases - No new digest announcements identified

Bharat Biotech

Press Releases - No new digest announcements identified

BioCubaFarma – Cuba

Últimas Noticias - Website not responding at inquiry

Biological E

News - No new digest announcements identified

BioNTech

Press Releases - No new digest announcements identified

Boehringer

Press Releases - No new digest announcements identified

CanSinoBIO

News - Website not responding at inquiry

CIGB

Latest News - Website not responding at inquiry

Cinnagen

Recent News - No new digest announcements identified

Clover Biopharmaceuticals - China

News - No new digest announcements identified

Curevac [Bayer Ag – Germany]

News - No new digest announcements identified

Gamaleya National Center

Latest News and Events - See Russia above.

GSK

Press releases for media - No new digest announcements identified

IMBCAMS, China

Home - Website not responding at inquiry

Janssen/JNJ

Press Releases - No new digest announcements identified

Merck

News releases - No new digest announcements identified

Moderna

Press Releases

16 April, 2023

[**Moderna and Merck Announce mRNA-4157 \(V940\), an Investigational Individualized Neoantigen Therapy, in Combination With KEYTRUDA® \(pembrolizumab\), Demonstrated Superior Recurrence-Free Survival in Patients With High-Risk Stage III/IV Melanoma Following Complete Resection Versus KEYTRUDA**](#)

Nanogen

News - No new digest announcements identified

Novartis

News - No new digest announcements identified

Novavax

Press Releases - No new digest announcements identified

Pfizer

[Recent Press Releases](#) - No new digest announcements identified

R-Pharm

<https://rpharm-us.com/index.php>

[No news or media page identified]

Sanofi Pasteur

[Press Releases](#) - No new digest announcements identified

Serum Institute of India

[NEWS & ANNOUNCEMENTS](#) - No new digest announcements identified

Sinopharm/WIBPBIBP

[News](#) - No new digest announcements identified

Sinovac

[Press Releases](#) - No new digest announcements identified

SK Biosciences

[Press Releases](#) - No new digest announcements identified

Takeda

[Newsroom](#) - No new digest announcements identified

Valneva

[Press Releases](#) - No new digest announcements identified

Vector State Research Centre of Virology and Biotechnology

[Home](#) - Website not responding [404 error]

WestVac Biopharma

[Media](#) - No new digest announcements identified

Zhifei Longcom, China

[Anhui Zhifei Longcom Biologic Pharmacy Co., Ltd.]

[No website identified]

***[Contents \[click to move among sections\]](#)***

:: [Coronavirus \[COVID-19\] - WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)



Journal Watch

Vaccines and Global Health: The Week in Review continues its weekly scanning of key peer-reviewed journals to identify and cite articles, commentary and editorials, books reviews and other content supporting our focus on vaccine ethics and policy. Journal Watch is not intended to be exhaustive, but indicative of themes and issues the Center is actively tracking. We selectively provide full text of some editorial and comment articles that are specifically relevant to our work. Successful access to some of the links provided may require subscription or other access arrangement unique to the publisher.

If you would like to suggest other journal titles to include in this service, please contact David Curry at: david.r.curry@centerforvaccineethicsandpolicy.org

AJOB Empirical Bioethics

Volume 14, 2023 Issue 1

<https://www.tandfonline.com/toc/uabr21/current>

[Reviewed earlier]

AMA Journal of Ethics

Volume 25, Number 4: E239-304 April 2023

<https://journalofethics.ama-assn.org/issue/clinicians-government>

Meat and Health

As meat production and consumption increase globally, so do incidences of diet-related illnesses, such as coronary artery disease and obesity. Some meat industry practices undermine public and environmental health, both of which clinicians, health professions, health care organizations, and governments are duty-bound to promote. This issue considers the nature and scope of these groups' obligations to mitigate negative influences of nonhuman animal production and consumption on health in individual, community, domestic, and international spheres.

American Journal of Infection Control

April 2023 Volume 51 Issue 4 p361-480

<http://www.ajicjournal.org/current>

[Reviewed earlier]

American Journal of Preventive Medicine

April 2023 Volume 64 Issue 4 p459-610

<https://www.ajpmonline.org/current>

[Reviewed earlier]

American Journal of Public Health

April 2023 113(4)

<http://ajph.aphapublications.org/toc/ajph/current>

[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 108 (2023): Issue 4 (Apr 2023)

<https://www.ajtmh.org/view/journals/tpmd/108/4/tpmd.108.issue-4.xml>

[Reviewed earlier]

Annals of Internal Medicine

April 2023 Volume 176, Issue 4

<http://annals.org/aim/issue>

Original Research

[Evolving Real-World Effectiveness of Monoclonal Antibodies for Treatment of COVID-19 A Cohort Study](#)

Kevin E. Kip, PhD, [... et al.](#)

Pages:496–504

[Effectiveness of Molnupiravir and Nirmatrelvir–Ritonavir in Hospitalized Patients With COVID-19](#)

[A Target Trial Emulation Study](#)

Eric Yuk Fai Wan, PhD, [... et al.](#)

Pages:505–514

Medicine and Public Issues

[Drug Repurposing and Observational Studies: The Case of Antivirals for the Treatment of COVID-19](#)

Miguel A. Hernán, MD and Julia del Amo, MD

Pages:556–560

Artificial Intelligence – An International Journal

Volume 317 April 2023

<https://www.sciencedirect.com/journal/artificial-intelligence/vol/317/suppl/C>

[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

<http://resource-allocation.biomedcentral.com/>

[No new digest content identified]

BMJ Global Health

April 2023 - Volume 8 - 4

<https://gh.bmj.com/content/8/4>

[Reviewed earlier]

BMC Health Services Research

<http://www.biomedcentral.com/bmchealthservres/content>

(Accessed 22 Apr 2023)

[No new digest content identified]

BMC Infectious Diseases

<http://www.biomedcentral.com/bmcinfectdis/content>

(Accessed 22 Apr 2023)

[An overview of tuberculosis outbreaks reported in the years 2011–2020](#)

In many countries tuberculosis (TB) remains a highly prevalent disease and a major contributor to infectious disease mortality. The fight against TB requires surveillance of the population of strains circulati...

Authors: Lidia Żukowska, Daria Zygala-Pytlos, Katarzyna Struś, Anna Zabost, Monika Kozińska, Ewa Augustynowicz-Kopeć, Jarosław Dziadek and Alina Minias

Citation: BMC Infectious Diseases 2023 23:253

Content type: Research Published on: 20 April 2023

BMC Medical Ethics

<http://www.biomedcentral.com/bmcmedethics/content>

(Accessed 22 Apr 2023)

[No new digest content identified]

BMC Medicine

<http://www.biomedcentral.com/bmcmed/content>

(Accessed 22 Apr 2023)

[No new digest content identified]

BMC Pregnancy and Childbirth

<http://www.biomedcentral.com/bmcpregnancychildbirth/content>

(Accessed 22 Apr 2023)

[Global knowledge, attitude, and practice towards COVID-19 among pregnant women: a systematic review and meta-analysis](#)

Pregnant women form a specially vulnerable group due to unique changes in pregnancy, leading to a higher risk of getting a severe infection. As severe COVID-19 increases the risk of preeclampsia, preterm deliv...

Authors: Abdolreza Sotoodeh Jahromi, Mohammad Jokar, Nader Sharifi, Benyamin Omidmokhtarloo and Vahid Rahmanian

Citation: BMC Pregnancy and Childbirth 2023 23:278

Content type: Research Published on: 22 April 2023

BMC Public Health

<http://bmcpublichealth.biomedcentral.com/articles>

(Accessed 22 Apr 2023)

[Production of vaccination videos in India: learnings from a science-art partnership](#)

Cross-cultural communication, often conceptualized along culture and language dimensions, is an important issue for collaborative teams that include both scientists and artists. Such teams must balance the sta...

Authors: Julia Burleson, Rohini Ganjoo, Sidharth Rath, Nilambar Rath, Ananya Bhaktaram, Amelia M. Jamison, Neil Alperstein, Paola Pascual-Ferra, Daniel J. Barnett, Satyanarayan Mohanty, Manoj Parida, Peter Orton, Eleanor Kluegel and Rajiv N. Rimal

Citation: BMC Public Health 2023 23:736

Content type: Research in practice Published on: 21 April 2023

BMC Research Notes

<http://www.biomedcentral.com/bmcresnotes/content>

(Accessed 22 Apr 2023)

[No new digest content identified]

BMJ Evidence-Based Medicine

April 2023 - Volume 28 - 2

<https://ebm.bmj.com/content/28/2>

[Reviewed earlier]

BMJ Open

January 2023 - Volume 13 - 1

<https://bmjopen.bmj.com/content/13/1>

[Reviewed earlier]

Bulletin of the Atomic Scientists

March 2023

<https://thebulletin.org/magazine/2023-03/>

[Reviewed earlier]

Bulletin of the World Health Organization

Volume 101(4); 2023 Apr 1

<https://www.ncbi.nlm.nih.gov/pmc/issues/432103/>

[Reviewed earlier]

Cell

Apr 13, 2023 Volume 186 Issue 8 p1513-1816

<https://www.cell.com/cell/current>

[Reviewed earlier]

Child Care, Health and Development

Volume 49, Issue 3 Pages: 407-616 May 2023

<https://onlinelibrary.wiley.com/toc/13652214/current>
[New issue; No digest content identified]

Clinical Pharmacology & Therapeutics

Volume 113, Issue 4 Pages: 747-933 April 2023
<https://ascpt.onlinelibrary.wiley.com/toc/15326535/current>
[Reviewed earlier]

Clinical Therapeutics

March 2023 Volume 45 Issue 3 p195-302
<http://www.clinicaltherapeutics.com/current>
[New issue; No digest content identified]

Clinical Trials

Volume 20 Issue 2, April 2023
<https://journals.sagepub.com/toc/ctja/20/2>
[Reviewed earlier]

Conflict and Health

<http://www.conflictandhealth.com/>
[Accessed 22 Apr 2023]
[No new digest content identified]

Contemporary Clinical Trials

Volume 126 March 2023
<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/126/suppl/C>
[Reviewed earlier]

The CRISPR Journal

Volume 6, Issue 2 / April 2023
<https://www.liebertpub.com/toc/crispr/6/2>
[New issue; No digest content identified]

Current Genetic Medicine Reports

Volume 10, issue 3, September 2022
<https://link.springer.com/journal/40142/volumes-and-issues/10-3>
[Reviewed earlier]

Current Medical Research and Opinion

Volume 39, Issue 4 2023

<https://www.tandfonline.com/toc/icmo20/current>
[Reviewed earlier]

Current Opinion in Infectious Diseases

April 2023 - Volume 36 - Issue 2

<https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx>
[Reviewed earlier]

Current Protocols in Human Genetics

Volume 108, Issue 1 December 2020

<https://currentprotocols.onlinelibrary.wiley.com/toc/19348258/current>
[Reviewed earlier]

Developing World Bioethics

Volume 23, Issue 1 Pages: 1-87 March 2023

<https://onlinelibrary.wiley.com/toc/14718847/current>
[Reviewed earlier]

Development in Practice

Volume 33, Issue 1, 2023

<http://www.tandfonline.com/toc/cdip20/current>
[Reviewed earlier]

Development Policy Review

Volume 41, Issue 2 March 2023

<https://onlinelibrary.wiley.com/toc/14677679/current>
[Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 16 - Issue 6 - December 2022

<https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/latest-issue>
[Reviewed earlier]

Disasters

Volume 47, Issue 2 Pages: 245-542 April 2023

<https://onlinelibrary.wiley.com/toc/14677717/2023/47/2>
[Reviewed earlier]

EMBO Reports

Volume 24 Issue 4 5 April 2023
<https://www.embopress.org/toc/14693178/current>
[New issue; No digest content identified]

Emerging Infectious Diseases
Volume 29, Number 3—March 2023
<http://wwwnc.cdc.gov/eid/>
[Reviewed earlier]

Epidemics
Volume 42 March 2023
<https://www.sciencedirect.com/journal/epidemics/vol/42/suppl/C>
[Reviewed earlier]

Epidemiology and Infection
Volume 151 - 2023
<https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue>
[Reviewed earlier]

Ethics & Human Research
Volume 45, Issue 2 Pages: 1-42 March–April 2023
<https://onlinelibrary.wiley.com/toc/25782363/current>
:: *Conflicts of interest* :: *Surrogate consent and decisional impairment*
[Reviewed earlier]

Ethics & International Affairs
Winter 2022 (36.4) December 21, 2022
<https://www.ethicsandinternationalaffairs.org/2022/winter-2022-36-4/>
[Reviewed earlier]

Ethics, Medicine and Public Health
Volume 27 April 2023
<https://www.sciencedirect.com/journal/ethics-medicine-and-public-health/vol/27/suppl/C>
[Reviewed earlier]

The European Journal of Public Health
Volume 33, Issue 2, April 2023
<https://academic.oup.com/eurpub/issue/33/2>
[Reviewed earlier]

Expert Review of Vaccines

Vol 22 (1) 2023 *Issue In Progress*

<https://www.tandfonline.com/toc/ierv20/current>

[Reviewed earlier]

Foreign Affairs

Volume 102, Number 1 January/February 2023

<https://www.foreignaffairs.com/issues/2023/102/1>

[No new digest content identified]

Forum for Development Studies

Volume 50, 2023 - Issue 1

<http://www.tandfonline.com/toc/sfds20/current>

[Reviewed earlier]

Genetics in Medicines

Volume 25, Issue 4 April 2023

<https://www.sciencedirect.com/journal/genetics-in-medicine/vol/25/issue/4>

[Reviewed earlier]

Genome Medicine

<https://genomemedicine.biomedcentral.com/articles>

[Accessed 22 Apr 2023]

[No new digest content identified]

Global Health Action

Volume 16, Issue 1 (2023)

<https://www.tandfonline.com/toc/zgha20/current?nav=toCList>

[Reviewed earlier]

Global Health: Science and Practice (GHSP)

Vol. 11, No. 1 February 28, 2023

<http://www.ghspjournal.org/content/current>

[Reviewed earlier]

Global Legal Monitor – Library of Congress/USA

<https://www.loc.gov/collections/global-legal-monitor/>

[Accessed 22 Apr 2023]

[No new digest content identified]

Global Public Health

Volume 18, Issue 1 (2023)

<http://www.tandfonline.com/toc/rqph20/current>

[Reviewed earlier]

Globalization and Health

<http://www.globalizationandhealth.com/>

[Accessed 22 Apr 2023]

[Balancing the risks and benefits of antibiotic use in a globalized world: the ethics of antimicrobial resistance](#)

Authors: Yusuff Adebayo Adebisi

Content type: Commentary 20 April 2023

Health and Human Rights

Volume 25, Issue 1, June 2023,

<https://www.hhrjournal.org/special-section-global-voices-for-global-equity-expanding-right-to-health-frameworks/>

Special Section: Global Voices for Global Justice: Expanding Right to Health Frameworks

...The papers in this special section work together to move toward a global social medicine for the 22nd century. They envision a global social medicine that confronts and moves beyond the traditionally colonial, xenophobic, heteronormative, patriarchal, gender-binary-bound, capitalist, and racist histories of the fields of global health and human rights. They seek to instantiate a global social medicine that centers knowledge and experiences from the Global South and works toward social justice and health equity at scale. In this special section, the authors are particularly interested in understanding, challenging, and expanding our perspectives and enactments of the right to health. Unlike neoliberal perspectives on health that often limit their explanatory capacity to how individuals behave in the world, the papers here move beyond the focus on lifestyles and on the phantasmagoria of a sovereign subject with supposedly free agency. Instead, authors work toward critical consciousness that accounts for structural processes—with their inequities and disruptions, as well as their effects on individuals—and how this consciousness can open new horizons for collective transformation and social emancipation in health...

Health Economics, Policy and Law

Volume 18 - Issue 2 - April 2023

<https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue>

[Reviewed earlier]

Health Policy and Planning

Volume 38, Issue 3, April 2023

<https://academic.oup.com/heapol/issue/38/3>

ORIGINAL ARTICLES

[Reviewed earlier]

Health Research Policy and Systems

<http://www.health-policy-systems.com/content>

[Accessed 22 Apr 2023]

[No new digest content identified]

Human Gene Therapy

Volume 34, Issue 7-8 / April 2023

<https://www.liebertpub.com/toc/hum/34/7-8>

]New issue; No digest content identified]

Humanitarian Practice Network

<https://odihpn.org/>

Featured Publications

[No new digest content identified]

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 18, Issue 5, 2022

<https://www.tandfonline.com/toc/khvi20/18/5?nav=tocList>

[Reviewed earlier]

Immunity

Apr 11, 2023 Volume 56 Issue 4 p687-892

<https://www.cell.com/immunity/current>

[Reviewed earlier]

Infectious Agents and Cancer

<http://www.infectagentscancer.com/>

[Accessed 22 Apr 2023]

[No new digest content identified]

Infectious Diseases of Poverty

<http://www.idpjournal.com/content>

[Accessed 22 Apr 2023]

[The patterns and driving forces of dengue invasions in China](#)

Global connectivity and environmental change pose continuous threats to dengue invasions from worldwide to China. However, the intrinsic relationship on introduction and outbreak risks of dengue driven by the ...

Authors: Zhe Zhao, Yujuan Yue, Xiaobo Liu, Chuanxi Li, Wei Ma and Qiyong Liu

Citation: Infectious Diseases of Poverty 2023 12:42

Content type: Research Article Published on: 21 April 2023

International Health

Volume 15, Issue 2, March 2023

<https://academic.oup.com/inthealth/issue/15/2>

[Reviewed earlier]

International Human Rights Law Review

Volume 11 (2022): Issue 2 (Dec 2022)

<https://brill.com/view/journals/hrlr/11/2/hrlr.11.issue-2.xml>

Table of Contents

[Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol. 10 No. 3 (2023): March 2023

<https://www.ijcmph.com/index.php/ijcmph/issue/view/98>

[Reviewed earlier]

International Journal of Epidemiology

Volume 52, Issue 2, April 2023

<https://academic.oup.com/ije/issue>

[Reviewed earlier]

International Journal of Human Rights in Healthcare

Volume 16 Issue 1 2023

<https://www.emerald.com/insight/publication/issn/2056-4902/vol/16/iss/1>

[Reviewed earlier]

JAMA

April 18, 2023, Vol 329, No. 15, Pages 1241-1324

<https://jamanetwork.com/journals/jama/currentissue>

[New issue; No digest content identified]

JAMA Health Forum

April 2023, Vol 4, No. 4

<https://jamanetwork.com/journals/jama-health-forum/issue>

[Reviewed earlier]

JAMA Pediatrics

April 2023, Vol 177, No. 4, Pages 327-441

<https://jamanetwork.com/journals/jamapediatrics/currentissue>

[Reviewed earlier]

JBI Evidence Synthesis

April 2023 - Volume 21 - Issue 4

<https://journals.lww.com/jbisrir/Pages/currenttoc.aspx>

[New issue; No digest content identified]

Journal of Adolescent Health

April 2023 Volume 72 Issue 4 p485-646

<https://www.jahonline.org/current>

[Reviewed earlier]

Journal of Artificial Intelligence Research

Vol. 76 (2023)

<https://www.jair.org/index.php/jair>

Contents

[Reviewed earlier]

Journal of Community Health

Volume 48, issue 2, April 2023

<https://link.springer.com/journal/10900/volumes-and-issues/48-2>

[**COVID-19 Vaccination Attitudes and Intentions Among U.S. Soldiers: Results from the U.S. Army Behavioral Health Advisory Team \(BHAT\)**](#)

Authors (first, second and last of 5)

Matthew R. Beymer

Stephanie A. Q. Gomez

Phillip J. Quartana

Content type: Original Paper

Published: 12 November 2022 Pages: 228 – 237

[**A Multifaceted Campaign to Combat COVID-19 Misinformation in the Hispanic Community**](#)

Authors (first, second and last of 8)

Melissa Dunn Silesky

Darshana Panchal

Erika Bonnevie

Content type: Original Paper

Published: 18 November 2022 Pages: 286 - 294

Journal of Current Medical Research and Opinion

...a peer-reviewed, international journal for the rapid publication of original research on new and existing drugs and therapies, and post-marketing investigations. Equivalence, safety and efficacy/effectiveness studies are especially encouraged.

March 8, 2023 Vol 6, No 03 (2023)

<https://www.cmro.in/index.php/jcmro/issue/view/65>

[Reviewed earlier]

Journal of Development Economics

Volume 162 May 2023

<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/162/suppl/C>

[New issue; No digest content identified]

Journal of Empirical Research on Human Research Ethics

Volume 18 Issue 1-2, February-April 2023

<http://journals.sagepub.com/toc/jre/current>

[Reviewed earlier]

Journal of Epidemiology & Community Health

March 2023 - Volume 77 - 3

<https://jech.bmj.com/content/77/3>

[Reviewed earlier]

Journal of Evidence-Based Medicine

Volume 16, Issue 1 Pages: 1-100 March 2023

<https://onlinelibrary.wiley.com/toc/17565391/current>

[New issue; No digest content identified]

Journal of Global Ethics

Volume 18, Issue 3, 2022

<http://www.tandfonline.com/toc/rjge20/current>

[Reviewed earlier]

Journal of Health Care for the Poor and Underserved (JHCPU)

Volume 34, Number 1, February 2023

<https://muse.jhu.edu/issue/49033>

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[Reviewed earlier]

Journal of Immigrant and Minority Health

Volume 25, issue 2, April 2023

<https://link.springer.com/journal/10903/volumes-and-issues/25-2>

Contents

[**COVID-19 Vaccination Intake and Intention Among Black and White Residents in Southeast Michigan**](#)

Authors

Cedric A. L. Taylor

Dilshani Sarathchandra

Margaret Kessler
Content type: Original Paper
Published: 07 September 2022

Journal of Immigrant & Refugee Studies

Volume 21, 2023 _ Issue 1
<https://www.tandfonline.com/toc/wimm20/current>
[Reviewed earlier]

Journal of Infectious Diseases

Volume 227, Issue 7, 1 April 2023
<https://academic.oup.com/jid/issue/227/7>
[Reviewed earlier]

Journal of International Development

Volume 35, Issue 2 Pages: 199-381 March 2023
<https://onlinelibrary.wiley.com/toc/10991328/current>
[Reviewed earlier]

Journal of Medical Ethics

April 2023 - Volume 49 - 4
<http://jme.bmj.com/content/current>
[Reviewed earlier]

Journal of Patient-Centered Research and Reviews

Volume 10, Issue 1 (2023)
<https://institutionalrepository.aah.org/jpcrr/>
[Reviewed earlier]

Journal of Pediatrics

March 2023 Volume 254 p1-106
<http://www.jpeds.com/current>
[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice

<https://joppp.biomedcentral.com/>
[Accessed 22 Apr 2023]
[No new digest content identified]

Journal of Public Health Management & Practice

May/June 2023 - Volume 29 - Issue 3
<https://journals.lww.com/jphmp/pages/currenttoc.aspx>
[Reviewed earlier]

Journal of Public Health Policy

Volume 44, issue 1, March 2023
<https://link.springer.com/journal/41271/volumes-and-issues/44-1>
Articles
[Reviewed earlier]

Journal of Refugee & Global Health

Volume 4, Issue 1 (2021)
<https://ir.library.louisville.edu/rgh/>
[Reviewed earlier]

Journal of the Royal Society – Interface

April 2023 Volume 20 Issue 201
<https://royalsocietypublishing.org/toc/rsif/current>
[Reviewed earlier]

Journal of Travel Medicine

Volume 30, Issue 2, March 2023
<https://academic.oup.com/jtm/issue>
[Reviewed earlier]

Journal of Virology

Volume 97 Number 3 March 2023
<http://jvi.asm.org/content/current>
[Reviewed earlier]

The Lancet

Apr 22, 2023 Volume 401 Number 10385 p1313-1398
<https://www.thelancet.com/journals/lancet/issue/current>

Editorial

[Routine immunisations: reversing the decline](#)

The Lancet

Articles

[Assessing COVID-19 pandemic policies and behaviours and their economic and educational trade-offs across US states from Jan 1, 2020, to July 31, 2022: an observational analysis](#)

Thomas J Bollyky, et al.

The Lancet Child & Adolescent Health

Apr 2023 Volume 7 Number 4 p223-296, e10

<https://www.thelancet.com/journals/lanchi/issue/current>

[Reviewed earlier]

Lancet Digital Health

Apr 2023 Volume 5 Number 4 e174-e247

<https://www.thelancet.com/journals/landig/issue/current>

[Reviewed earlier]

Lancet Global Health

May 2023 Volume 11 Number 5 e629-e795

<https://www.thelancet.com/journals/langlo/issue/current>

[Reviewed earlier]

Lancet Infectious Diseases

Apr 2023 Volume 23 Number 4 p381-508, e121-e165

<https://www.thelancet.com/journals/laninf/issue/current>

[Reviewed earlier]

Lancet Public Health

Apr 2023 Volume 8 Number 4 e247-e317

<https://www.thelancet.com/journals/lanpub/issue/current>

[Reviewed earlier]

Lancet Respiratory Medicine

Apr 2023 Volume 11 Number 4 p297-390, e31-e40

<https://www.thelancet.com/journals/lanres/issue/current>

[Reviewed earlier]

Maternal and Child Health Journal

Volume 27, issue 2, February 2023

<https://link.springer.com/journal/10995/volumes-and-issues/27-2>

[Reviewed earlier]

Medical Decision Making (MDM)

Volume 43 Issue 3, April 2023

<http://mdm.sagepub.com/content/current>

[Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

Volume 101, Issue 1 Pages: 1-248 March 2023

<https://onlinelibrary.wiley.com/toc/14680009/current>

[Reviewed earlier]

Nature

Volume 616 Issue 7957, 20 April 2023

<https://www.nature.com/nature/volumes/616/issues/7957>

EDITORIAL 19 April 2023

Strengthen links between science and high finance

Influential studies have helped regulators to spot problems at banks and step in before they spread. But, as the events of the past month show, stability must not be allowed to breed complacency.

World View 18 Apr 2023

Why open-source generative AI models are an ethical way forward for science

Researchers should avoid the lure of proprietary models and develop transparent large language models to ensure reproducibility.

Arthur Spirling

... In my view, scientists should move away from using these [proprietary] models in their own work where possible. We should switch to open LLMs and help others to distribute them. Moreover, I think academics, especially those with a large social-media following, shouldn't be pushing others to use proprietary models. If prices were to shoot up, or companies fail, researchers might regret having promoted technologies that leave colleagues trapped in expensive contracts.

Researchers can currently turn to open LLMs produced by private organizations, such as LLaMA, developed by Facebook's parent company Meta in Menlo Park, California. LLaMA was originally released on a case-by-case basis to researchers, but the full model was subsequently leaked online. My colleagues and I are working with Meta's open LLM OPT-175B, for instance. Both LLaMA and OPT-175B are free to use. The downside in the long run is that this leaves science relying on corporations' benevolence — an unstable situation.

There should be academic codes of conduct for working with LLMs, as well as regulation. But these will take time and, in my experience as a political scientist, I expect that such regulations will initially be clumsy and slow to take effect.

In the meantime, massive collaborative projects urgently need support to produce open-source models for research — like CERN, the international organization for particle physics, but for LLMs. Governments should increase funding through grants. The field is moving at lightning speed and needs to start coordinating national and international efforts now. The scientific community is best placed to assess the risks of the resulting models, and might need to be cautious about releasing them to the public. But it is clear that the open environment is the right one...

Nature Biotechnology

Volume 41 Issue 3, March 2023

<https://www.nature.com/nbt/volumes/41/issues/3>

[Reviewed earlier]

Nature Communications

<https://www.nature.com/subjects/health-sciences/ncomms>

(Accessed 22 Apr 2023)

[No new digest content identified]

Nature Genetics

Volume 55 Issue 4, April 2023

<https://www.nature.com/ng/volumes/55/issues/4>

[Reviewed earlier]

Nature Human Behaviour

Volume 7 Issue 3, March 2023

<https://www.nature.com/nathumbehav/volumes/7/issues/3>

[Reviewed earlier]

Nature Medicine

Volume 29 Issue 3, March 2023

<https://www.nature.com/nm/volumes/29/issues/3>

[Reviewed earlier]

Nature Reviews Drug Discovery

Volume 22 Issue 4, April 2023

<https://www.nature.com/nrd/volumes/22/issues/4>

[Reviewed earlier]

Nature Reviews Genetics

Volume 24 Issue 4, April 2023

<https://www.nature.com/nrg/volumes/24/issues/4>

[Reviewed earlier]

Nature Reviews Immunology

Volume 23 Issue 3, March 2023

<https://www.nature.com/nri/volumes/23/issues/3>

[Reviewed earlier]

New England Journal of Medicine

April 20, 2023 Vol. 388 No. 16

<https://www.nejm.org/toc/nejm/medical-journal>

Perspective

Mainstreaming Wastewater Surveillance for Infectious Disease

M.M. Mello, J.S. Meschke, and G.H. Palmer

Original Articles

Bivalent Prefusion F Vaccine in Pregnancy to Prevent RSV Illness in Infants

B. Kampmann and Others 1451-1464

Efficacy and Safety of a Bivalent RSV Prefusion F Vaccine in Older Adults

E.E. Walsh and Others

Editorials

RSV Illness in the Young and the Old — The Beginning of the End?

R.A. Karron

njp Vaccines

<https://www.nature.com/npjvaccines/>

[Accessed 22 Apr 2023]

Article 22 Apr 2023

Resistance to COVID-19 vaccination and the social contract: evidence from Italy

Sarah E. Kreps, Douglas L. Kriner

Pediatrics

Volume 151, Issue 4 April 2023

<https://publications.aap.org/pediatrics/issue/151/4>

[Reviewed earlier]

PharmacoEconomics

Volume 41, issue 3, March 2023

<https://link.springer.com/journal/40273/volumes-and-issues/41-3>

[Reviewed earlier]

PLoS Biology

<https://journals.plos.org/plosbiology/>

(Accessed 22 Apr 2023)

[No new digest content identified]

PLoS Genetics

<https://journals.plos.org/plosgenetics/>

(Accessed 22 Apr 2023)

[No new digest content identified]

PLoS Medicine

<http://www.plosmedicine.org/>

(Accessed 22 Apr 2023)

[No new digest content identified]

PLoS Neglected Tropical Diseases

<http://www.plosntds.org/>

(Accessed 22 Apr 2023)

[Human monkeypox infection threat: A comprehensive overview](#)

Yue Kang, Yue Yu, Silu Xu

Review | published 20 Apr 2023 PLOS Neglected Tropical Diseases

<https://doi.org/10.1371/journal.pntd.0011246>

[Quantifying the interconnectedness between poverty, health access, and rabies mortality](#)

Emma Taylor, Katy George, Emily Johnson, Hannah Whitelegg, Joaquin M. Prada, Daniel L. Horton

Research Article | published 20 Apr 2023 PLOS Neglected Tropical Diseases

<https://doi.org/10.1371/journal.pntd.0011204>

PLoS One

<http://www.plosone.org/>

[Accessed 22 Apr 2023]

[No new digest content identified]

PLoS Pathogens

<http://journals.plos.org/plospathogens/>

[Accessed 22 Apr 2023]

[No new digest content identified]

PNAS - Proceedings of the National Academy of Sciences of the United States

April 18, 2023 vol. 120 no. 16

<https://www.pnas.org/toc/pnas/120/16>

[New issue; No digest content identified]

PNAS Nexus

Volume 2, Issue 3, March 2023

IN PROGRESS

<https://academic.oup.com/pnasnexus/issue>

[Reviewed earlier]

Prehospital & Disaster Medicine

Volume 38 - Issue 2 - April 2023

<https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine/latest-issue>

[Reviewed earlier]

Preventive Medicine

Volume 168 March 2023

<https://www.sciencedirect.com/journal/preventive-medicine/vol/168/suppl/C>

[Reviewed earlier]

Proceedings of the Royal Society B

12 April 2023 Volume 290 Issue 1996

<https://royalsocietypublishing.org/toc/rspb/current>

[New issue; No digest content identified]

Public Health

Volume 217 Pages 1-218 (April 2023)

<https://www.sciencedirect.com/journal/public-health/vol/217/suppl/C>

[Reviewed earlier]

Public Health Ethics

Volume 15, Issue 3, November 2022

<http://phe.oxfordjournals.org/content/current>

[Reviewed earlier]

Public Health Reports

Volume 138 Issue 2, March/April 2023

<https://journals.sagepub.com/toc/phrg/138/2>

[Reviewed earlier]

Qualitative Health Research

Volume 33 Issue 4, March 2023

<https://journals.sagepub.com/toc/qhra/current>

[Reviewed earlier]

Research Ethics

Volume 19 Issue 2, April 2023

<http://journals.sagepub.com/toc/reab/current>

[Reviewed earlier]

Reproductive Health

<http://www.reproductive-health-journal.com/content>

[Accessed 22 Apr 2023]

[No new digest content identified]

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (RPSP/PAJPH)

<https://www.paho.org/journal/en>

Selected Articles

21 Apr 2023

[**Effects of public health emergencies of international concern on disease control: a systematic review**](#)

Review | English |

19 Apr 2023

[**Operational research to strengthen evidence-based interventions to tackle antimicrobial resistance in the Region of the Americas**](#)

Editorial | English |

Risk Analysis

Volume 43, Issue 3 Pages: 429-643 March 2023

<https://onlinelibrary.wiley.com/toc/15396924/current>

[Reviewed earlier]

Risk Management and Healthcare Policy

<https://www.dovepress.com/risk-management-and-healthcare-policy-archive56>

[Accessed 22 Apr 2023]

[No new digest content identified]

Science

Volume 380| Issue 6642| 21 Apr 2023

<https://www.science.org/toc/science/current>

Policy Forum

[**Managing United States–China university relations and risks**](#)

BY Richard Lester, et al.

20 Apr 2023: 246-248

US universities must proactively address potential concerns

Science and Engineering Ethics

Volume 29, issue 1, February 2023

<https://link.springer.com/journal/11948/volumes-and-issues/29-1>

[Reviewed earlier]

Science Translational Medicine

Volume 15| Issue 692| 19 Apr 2023

<https://www.science.org/toc/stm/current>

Research Articles

[Comparing antibody assays as correlates of protection against COVID-19 in the COVE mRNA-1273 vaccine efficacy trial](#)

BY David Benkeser [...]

United States Government (USG)/CoVPN Biostatistics Teams

19 Apr 2023

A single measurement of either binding or pseudovirus neutralizing antibodies is the best correlate of protection for the mRNA-1273 vaccine.

Social Science & Medicine

Volume 320 March 2023

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/320/suppl/C>

[Reviewed earlier]

Systematic Reviews

<https://systematicreviewsjournal.biomedcentral.com/articles>

[Accessed 22 Apr 2023]

[No new digest content identified]

Theoretical Medicine and Bioethics

Volume 44, April 2023, Issue 2

<https://link.springer.com/journal/11017/volumes-and-issues/44-2>

Special Issue: Controversial Arguments in Bioethics

Travel Medicine and Infectious Diseases

Volume 52 March–April 2023

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/52/suppl/C>

[Reviewed earlier]

Tropical Medicine & International Health

Volume 28, Issue 4 Pages: i-iv, 247-342 April 2023

<https://onlinelibrary.wiley.com/toc/13653156/current>

[Reviewed earlier]

Vaccine

Volume 41, Issue 14 Pages 2317-2426 (31 March 2023)

<https://www.sciencedirect.com/journal/vaccine/vol/41/issue/14>

Selected Content

Discussion Full text access

[Placing a value on increased flexible vaccine manufacturing capacity for future pandemics](#)

Anthony T. Newall, Philippe Beutels, Zoltán Kis, Adrian Towse, Mark Jit

Pages 2317-2319

Review article Open access

[Cost-effectiveness of sub-national geographically targeted vaccination programs: A systematic review](#)

Marya Getchell, Ericka Joinelle Mantaring, Kaisin Yee, Paul Pronyk
Pages 2320-2328

Short communication Full text access

[Assessing COVID-19 vaccine effectiveness against Omicron subvariants: Report from a meeting of the World Health Organization](#)

Daniel R. Feikin, Melissa M. Higdon, Nick Andrews, Shirley Collie, ... Minal K. Patel
Pages 2329-2338

Short communication Open access

[Linked poliovirus incidents in the UK, USA and Israel: Silent transmission or missed warnings of vaccine inequity?](#)

Ben Kasstan, Tracey Chantler, Blima Marcus, Sandra Mounier-Jack, ... Michael Edelstein
Pages 2339-2342

Research article Abstract only

[Vaccinomics: A scoping review](#)

Matthew Z. Dudley, Jennifer E. Gerber, Haley Budigan Ni, Madeleine Blunt, ... Daniel A. Salmon
Pages 2357-2367

Research article Open access

[The interplay between WASH practices and vaccination with oral cholera vaccines in protecting against cholera in urban Bangladesh: Reanalysis of a cluster-randomized trial](#)

Fahima Chowdhury, Asma Binte Aziz, Faisal Ahmmed, Tasnuva Ahmed, ... John D. Clemens
Pages 2368-2375

Research article Open access

[Coverage survey and lessons learned from a pre-emptive cholera vaccination campaign in urban and rural communities affected by landslides and floods in Freetown Sierra Leone](#)

Marcello Gelormini, Marissa Gripenberg, Dennis Marke, Mariama Murray, ... Grazia Caleo
Pages 2397-2403

Vaccines

<https://www.mdpi.com/journal/vaccines>

[Accessed 22 Apr 2023]

Latest Articles

[No new digest content identified]

Value in Health

April 2023 Volume 26 Issue 4 p441-616

<https://www.valueinhealthjournal.com/current>

[Reviewed earlier]



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:: [Coronavirus \[COVID-19\] - WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)



Pre-Print Servers

Gates Open Research

<https://gatesopenresearch.org/browse/articles>

[Accessed 22 Apr 2023]

Selected Research

Research Article metrics AWAITING PEER REVIEW

[Complexity of options related to restarting oral poliovirus vaccine \(OPV\) in national immunization programs after OPV cessation](#) [version 1; peer review: awaiting peer review]

Dominika A Kalkowska, Steven GF Wassilak, Eric Wiesen, Concepcion F Estivariz, Cara C Burns, Kamran Badizadegan, Kimberly M Thompson

Peer Reviewers Invited

Funder - Gates Foundation Funding

PUBLISHED 17 Apr 2023

The polio eradication endgame continues to increase in complexity. With polio cases caused by wild poliovirus type 1 and circulating vaccine-derived polioviruses of all three types (1, 2 and 3) reported in 2022, the number, formulation, and use of poliovirus vaccines poses challenges for national immunization programs and vaccine suppliers. Prior poliovirus transmission modeling of globally-coordinated type-specific cessation of oral poliovirus vaccine (OPV) assumed creation of Sabin monovalent OPV (mOPV) stockpiles for emergencies and explored the potential need to restart OPV if the world reached a specified cumulative threshold number of cases after OPV cessation.

medRxiv

<https://www.medrxiv.org/content/about-medrxiv>

[Accessed 22 Apr 2023]

[Filter: All articles]

Selected Research

[Effects of previous infection, vaccination, and hybrid immunity against symptomatic Alpha, Beta, and Delta infections](#)

Heba N. N. Altarawneh, Hiam Chemaitelly, Houssein Ayoub, Patrick Tang, Mohammad R. Hasan, HADI M. YASSINE, Hebah A. Al Khatib, Asmaa A. Althani, Peter Coyle, Zaina Al-Kanaani, Einas Al-Kuwari, Andrew Jeremijenko, Anvar Hassan Kaleeckal, Ali Nizar Latif, Riyazuddin Mohammad Shaik, Hanan F. Abdul Rahim, Gheyath K. Nasrallah, Mohamed Ghaith Al-Kuwari, Adeel A Butt, Hamad E. Al-Romaihi, Mohammed H. Al-Thani, Abdullatif Al-Khal, Roberto Bertollini, Laith J Abu-Raddad

medRxiv 2023.04.21.23288917; doi: <https://doi.org/10.1101/2023.04.21.23288917>

[Public perceptions of Ebola vaccines and confidence in health services to treat Ebola, malaria, and tuberculosis: Findings from a cross-sectional household survey in Uganda, 2020](#)

Aybüke Koyuncu, Rosalind J. Carter, Joseph Musaaazi, Apophia Namageyo-Funa, Victoria M. Carter, Mohammed Lamorde, Dimitri Prybylski, Rose Apondi, Tabley Bakyaite, Amy L. Boore, Jaco Homsy, Vance R. Brown, Joanita Kigozi, Maria Sarah Nabaggala, Vivian Nakate, Emmanuel Nkurunziza, Daniel F. Stowell, Richard Walwema, Apollo Olowo, Mohamed F. Jalloh
medRxiv 2023.04.13.23288521; doi: <https://doi.org/10.1101/2023.04.13.23288521>

[The Lasting Legacy of COVID-19: Exploring the Long-Term Effects of Infection, Disease Severity, and Vaccination on Health and Cognitive Function](#)

Jaroslav Flegr, Ashkan Latifi
medRxiv 2023.04.12.23288455; doi: <https://doi.org/10.1101/2023.04.12.23288455>

[Health and economic effects of introducing single-dose human papillomavirus vaccination in India](#)

TM de Carvalho, I Man, D Georges, LR Saraswati, P Bhandari, I Kataria, M Siddiqui, R Muwonge, E Lucas, R Sankaranarayanan, P Basu, J Berkhof, JA Bogaards, I Baussano
medRxiv 2023.04.14.23288563; doi: <https://doi.org/10.1101/2023.04.14.23288563>

OSF Pre-prints

<https://osf.io/preprints/discover?provider=OSF&subject=bepress%7CLife%20Sciences>

[Accessed 22 Apr 2023]

[Provider Filter: OSF Pre-prints Subject filters: Arts & Humanities; Education, Life Sciences; Medicine and Health Sciences; Social and Behavioral Sciences]

We observe increasing levels of "posting pollution" by individuals, sometimes posting 10+ items of no value. If this continues, we may decide to no longer monitor this resource.

[Measuring the Monetization of Online Discourse with Application to Pro- and Anti-Vaccine Communities](#)

David Broniatowski, et al.

Last edited: Apr 22, 2023 UTC

Medicine and Health Sciences Social and Behavioral Sciences Science and Technology Studies Political Science Communication

Abstract

Misinformation is hypothesized to be more heavily monetized than other kinds of online content. We test this hypothesis with several scalable measures of website monetization. We examine over 400,000 links shared in more than 400 vaccine-related Facebook groups/pages, comparing anti-vaccine venues to pro-vaccine venues. Contrary to expectations, websites promoted in pro-vaccine venues are more monetized than those promoted in anti-vaccine venues. This is a consequence of the heavy monetization of news websites -- pro-vaccine venues are roughly 1.7 times more likely to share links to news. The specific news sites shared by anti-vaccine venues are rated less credible by fact-checking organizations, but we find no significant differences in monetization. However, non-news sites, such as blogs, shared by anti-vaccine actors were significantly more monetized. These results emphasize the need to interpret measures of monetization within the context of the broader "attention economy."

OSF Preprints

Wellcome Open Research

<https://wellcomeopenresearch.org/browse/articles>

[Accessed 22 Apr 2023]

Selected Research

Study Protocol Open Access

[ACORN \(A Clinically-Oriented Antimicrobial Resistance Surveillance Network\) II: protocol for case based antimicrobial resistance surveillance](#) [version 1; peer review: awaiting peer review]

Yin Mo, et a.

Background: Antimicrobial resistance surveillance is essential for empiric antibiotic prescribing, infection prevention and control policies and to drive novel antibiotic discovery. However, most existing surveillance systems are isolate-based without supporting patient-based clinical data, and not widely implemented especially in low- and middle-income countries (LMICs).

Research Article Open Access

[Malaria Burden Stratification in Malawi- A report of a consultative workshop to inform the 2023-2030 Malawi Malaria Strategic Plan](#) [version 1; peer review: awaiting peer review]

Donnie Mategula, et al.

Background: Malawi's National Malaria Control Programme (NMCP) is developing a new strategic plan for 2023-2030 to combat malaria and recognizes that a blanket approach to malaria interventions is no longer feasible. To inform this new strategy, the NMCP set up a task force comprising 18 members from various sectors, which convened a meeting to stratify the malaria burden in Malawi and recommend interventions for each stratum.

* * * *

Think Tanks

Brookings [to 22 Apr 2023]

<http://www.brookings.edu/>

Latest Research [Selected]

Report

[Pandemic-driven population declines in large urban areas are slowing or reversing, latest census data shows](#)

William H. Frey

Wednesday, April 19, 2023

Report

[Why an interdepartmental coordination group should be part of the CDC's reforms for future pandemics](#)

Sanjay Patnaik, James Kunhardt, and Richard G. Frank

Tuesday, April 18, 2023

Center for Global Development [to 22 Apr 2023]

<https://www.cgdev.org/>
All Research [Selected]
No new digest content identified.

Chatham House [to 22 Apr 2023]

<https://www.chathamhouse.org/>
Selected Analysis, Comment, Events
Research paper

[Recalibrating assumptions on AI](#)

Many of the assumptions that underpin current AI policies are entrenched despite the fact that they are unproven and face criticism for not representing the interests of all stakeholders.

12 April 2023

CSIS [to22 Apr 2023]

<https://www.csis.org/>
Selected Reports, Events
No new digest content identified.

Kaiser Family Foundation [to22 Apr 2023]

https://www.kff.org/search/?post_type=press-release
Newsroom
No new digest content identified.

McKinsey Global Institute

<https://www.mckinsey.com/mgi/overview>
Latest Research
No new digest content identified.

ODI [Overseas Development Institute] [to 22 Apr 2023]

<https://odi.org/en/publications/>
Publications [Selected]
No new digest content identified.

Pew Research Center [to 22 Apr 2023]

<https://www.pewresearch.org/>
Latest Publications [Selected]
No new digest content identified.

Rand [to 22 Apr 2023]

<https://www.rand.org/pubs.html>
Published Research [Selected]

No new digest content identified.

Urban Institute [to 22 Apr 2023]
<https://www.urban.org/publications>
New Research Publications - Selected

World Economic Forum [to 22 Apr 2023]
<https://agenda.weforum.org/news/>
Media
No new digest content identified.

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Vaccines and Global Health: The Week in Review is a service of the Center for Vaccine Ethics and Policy (CVEP) / GE2P2 Global Foundation, which is solely responsible for its content.

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