

Center for Vaccine
Ethics and Policy



Vaccines and Global Health: The Week in Review
23 November 2024 :: Issue 776
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.

Comments and suggestions should be directed to

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Milestones, Perspectives

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WHO – Financing

WHO Investment Round: culminating moment at G20 Summit as leaders pledge

19 November 2024

News release, Rio de Janeiro

The first-ever Investment Round of the World Health Organization (WHO) reached a culminating moment during the G20 Leaders' Summit today in Rio de Janeiro, chaired by the President of Brazil, H.E. Luiz Inácio Lula da Silva.

Heads of state and government at the G20 voiced strong support for a sustainably funded WHO, additional financial pledges were announced, and incoming G20 Chair South Africa pledged to maintain a focus in 2025 on sustainably financing the Organization.

The support was reflected in the **G20 Rio de Janeiro Leaders' Declaration** which said: **"We reiterate the central coordinating role of the World Health Organization (WHO) in the global health architecture, supported by adequate, predictable, transparent, flexible and sustainable financing.** We support the conducting of the WHO Investment Round as an additional measure for financing the WHO activities."...

With the pledges received from Australia, Indonesia and Spain at the Leaders' Summit, WHO has now received pledges of US\$ 1.7 billion. Including other signed funding agreements and expected funding from partnerships, WHO has funding of US\$ 3.8 billion for the next four years. This means that WHO has raised 53% of the US\$ 7.1 billion funding needed, successfully increasing predictability as compared to 2020, when WHO had only 17% of funding secured for its previous strategy. WHO, Member States and partners will continue efforts to cover the remaining gap so the Organization can deliver on the strategy for 2025–2028.

The Investment Round has also successfully broadened WHO's donor base, improving its funding resilience. Since its launch in May, there have been 70 new pledges from Member States, and philanthropic and private sector donors, 39 of which are contributing voluntary funds for the first time...

Seven of these new donors are low-income countries and 21 are middle-income countries, representing a shift in WHO's funding base. This shift also demonstrates broad-based recognition of the need to invest in health and in WHO. Forty-six donors have so far pledged more flexible funding, compared to 35 in the last four years, increasing the ability of WHO to use the funds where they are most needed...

It is expected that a number of other governments and donors will pledge to the Investment Round in the coming months.

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Human Genome Data

Guidance for human genome data collection, access, use and sharing

WHO 20 November 2024 | Guidance (normative) 22 pages

PDF: <https://iris.who.int/bitstream/handle/10665/379554/9789240102149-eng.pdf?sequence=1>

Overview

The ethical, legal, and equitable sharing of human genomic data is critical to advancing global health research and ensuring fair access to the benefits of genomics. The WHO's new document outlines a comprehensive set of globally applicable principles designed to guide stakeholders in the responsible collection, use, and sharing of human genome data. This document serves as a key resource to navigate complex issues surrounding data governance, with the aim of fostering transparency, promoting equity, and safeguarding individual and collective rights. These principles are intended to support the implementation of best practices across diverse settings, thereby enhancing the global capacity for genomic research and its translation into health benefits for all.

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Cholera

Multi-country outbreak of cholera, External situation report #20 – 20 November 2024

Overview

Data as of 27 October 2024

- In October 2024 (epidemiological weeks 40 to 43), a total of 37 363 new cholera and acute watery diarrhoea (AWD) cases were reported from 19 countries, territories, areas (hereafter countries) across three WHO regions, marking a 32% decrease from September. The Eastern Mediterranean Region registered the highest number of cases, followed by the African Region and the South-East Asia Region. Additionally, 395 cholera-related deaths were reported globally, a 48% decrease from the previous month. The data presented here should be interpreted cautiously due to potential underreporting and reporting delays.
- **While the number of cases reported in October 2024 is 42% lower than the same period in 2023, the number of deaths has increased by 54%** – reflecting severe response challenges in outbreak settings. Factors such as conflict, mass displacement, natural disasters, and climate change have intensified outbreaks, particularly in rural and flood-affected areas, where poor infrastructure and limited healthcare access delay treatment. These cross-border dynamics have made cholera outbreaks increasingly complex and harder to control.
- **Since the last report, new cholera outbreaks have been reported in Iraq (571 cases and one death), Lebanon (one case with no death) and South Sudan (49 cases and one death)**, bringing the total number of affected countries in 2024 to 33.
- From 1 January to 27 October 2024, a cumulative total of 486 760 cholera and AWD cases and 4018 deaths were reported from 33 countries across five WHO regions, with the Eastern Mediterranean Region recording the highest numbers, followed by the African Region, the South-East Asia Region, the Region of the Americas, and the European Region. No outbreaks were reported in the Western Pacific Region during this time.
- **In November, record production of Oral Cholera Vaccines (OCV) was achieved**, the highest since 2013, driven by new formulations and production methods introduced and prequalified this year.[1] Despite this progress, the OCV emergency stockpile averaged less than 600 000 doses in October – far below the target of five million doses needed for emergency stockpile at all times for effective outbreak response. **This persistent shortage continues to hinder efforts to control cholera outbreaks and respond promptly to the spread of the disease.**
- For the latest data, please refer to WHO's [Global Cholera and AWD Dashboard](#).

Operational updates

...Vaccination

- **The global OCV stockpile averaged less than 600 000 doses in October, compared to the target of five million doses that should be available at all times for outbreak response.**
- Twenty-three new requests were received in 2024 from Bangladesh, Comoros, Ethiopia (3), Ghana, Kenya, Mozambique, Myanmar (2), Niger (2), Nigeria, Somalia, South Sudan, Sudan (5), Yemen, Zambia, and Zimbabwe, collectively seeking 43.4 million doses. Twenty-one were approved, one was not approved, one was cancelled by the International Coordinating Group (ICG) on Vaccine Provision.
- Since the start of 2024, 10 countries (Comoros, Ethiopia (3), Mozambique (2), Myanmar, Niger, Nigeria, Somalia, Sudan (4), Zambia (2), and Zimbabwe (2)) have carried out 18 reactive vaccination campaigns in response to cholera outbreaks, targeting a total of 25 million people.
Given the current context of outbreaks and limited vaccine availability, only single dose vaccination courses have been validated and utilized in these reactive campaigns.
- November is the month with the highest monthly OCV production since the global stockpile was created in 2013, and reflects the efforts of the supplier and partners, with a new vaccine formulation and manufacturing method released and prequalified earlier this year.
- **Nevertheless, the constrained supply of OCVs is severely impacting the capacity to carry out preventive vaccination campaigns. The limited global stockpile underscores the need for increased production and strategic stockpile management to ensure that both reactive and preventive needs are adequately met.**

Cholera upsurge (2021-present): <https://www.who.int/emergencies/situations/cholera-upsurge/>

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Polio – PHEIC

Polio this week - 20 Nov 2024

Headlines

- GPEI Strategy Extension– following its approval by the Polio Oversight Board (POB) in October, the GPEI’s Strategy Extension to 2029 has been published. With poliovirus persisting in some of the most difficult environments in the world to deliver healthcare, the extension will see tactics adapted to addressing remaining geographic and political challenges to achieving success. [More](#).
- Global leaders, from G7 to G20 to Commonwealth, continue to voice their unwavering support and commitment towards polio-free world. [More](#).
- **In Poland, a cVDPV2 was isolated from an environmental sample, collected from Warsaw on 22 October.** There is no evidence of local circulation. Initial analysis suggests it is linked to the cVDPV2 emergence originating in Zamfara, northern Nigeria, which has this year been detected internationally, including recently also in Barcelona, Spain. Poland has high vaccination coverage, estimated at above 90% with three doses of IPV, both national and in the affected subnational area.

Summary of new polioviruses this week, cases and positive environmental isolates:

- Afghanistan: six WPV1-positive environmental samples
- Pakistan: one WPV1 case and one WPV1-positive environmental sample
- Chad: five cVDPV2 cases and one cVDPV2-positive environmental sample
- Nigeria: one cVDPV2 case
- Poland: one cVDPV2-positive environmental sample
- South Sudan: one cVDPV2-positive environmental sample

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Polio eradication strategy 2022–2026: delivering on a promise, extension to 2029

GPEI November 2024 :: 30 pages

[Excerpt]

Rationale for extending the *Polio Eradication Strategy 2022–2026: Delivering on a promise*

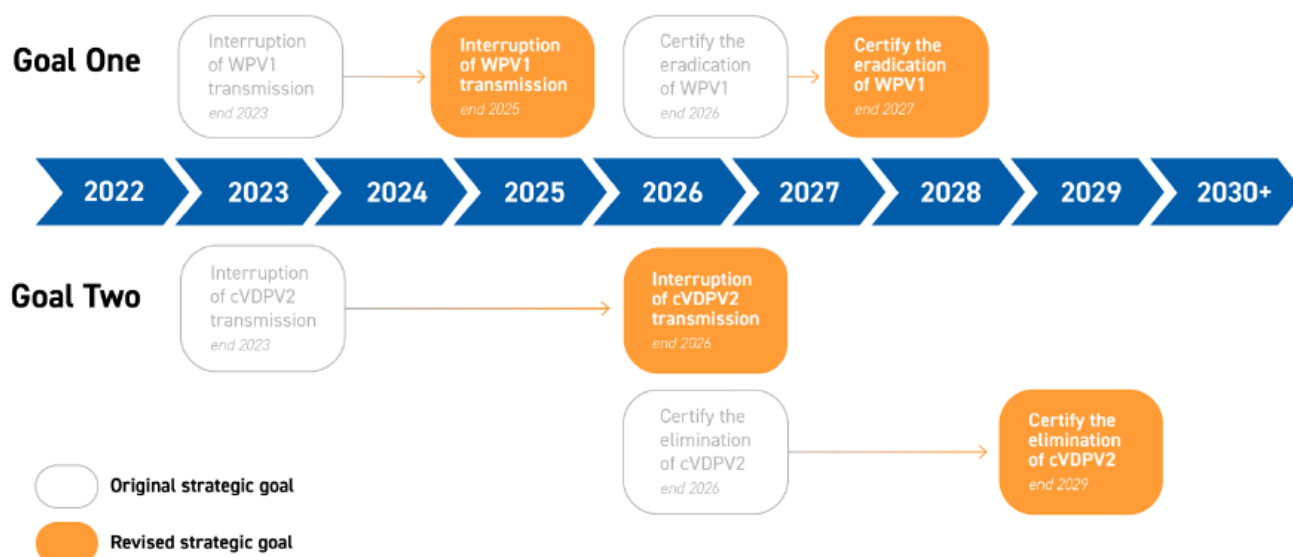
The first two and a half years of the programme's 2022–2026 strategy have been marked by moments of inspiring success, such as ending a type 2 variant poliovirus outbreak in Ukraine amid war; reaching millions of previously missed children in Afghanistan following the resumption of nationwide vaccination campaigns in late 2021; and quickly stopping an importation of wild poliovirus in Malawi and Mozambique from spreading further.

However, this **progress was made in the context of worrying global developments**, such as historic backsliding in coverage of routine vaccines due to the coronavirus disease (COVID-19) pandemic and delays in regaining lost ground; rising conflict and political instability around the world; and increasing climate-related disasters in the places at highest risk of polio. **These challenges have been compounded by programmatic hurdles, including larger-than-anticipated outbreaks of type 2 variant poliovirus following the global switch from the trivalent oral polio vaccine (tOPV) to bivalent oral polio vaccine (bOPV) in 2016, periodic disruptions to vaccine supply and inconsistent campaign quality.**

The original timeline for interrupting and certifying the eradication of wild poliovirus type 1 (WPV1, Strategy Goal One) and certifying the elimination of type 2 variant poliovirus (cVDPV2, Strategy Goal Two) **is therefore off track.**

Based on the virus patterns seen today, and after critical analysis and expert consultations, **the Global Polio Eradication Initiative (GPEI) Strategy Committee and Polio Oversight Board (POB) have decided to extend the timeline for certifying the eradication of wild poliovirus to the end of 2027 and certifying the elimination of type 2 variant poliovirus to the end of 2029** (see Fig. 1).

Fig. 1: Extended Polio Eradication Strategy 2022–2029 revised timeline



While the 2022–2026 strategy is robust, it is only as good as its operationalization. **Clear improvements to implementation and accountability are required to interrupt and eradicate all forms of polio.** This document, Extended Polio Eradication Strategy 2022–2029, aims

to complement the original strategy, outline obstacles that have hindered progress towards each goal and define adjustments that will be made to overcome them.

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mPox – PHEIC

<https://www.who.int/emergencies/situations/mpox-outbreak>

WHO adds LC16m8 mpox vaccine to Emergency Use Listing

News release 19 November 2024

The World Health Organization (WHO) has granted Emergency Use Listing (EUL) for the LC16m8 mpox vaccine, making it the second mpox vaccine to be supported by WHO following the Director-General's declaration of an mpox public health emergency of international concern (PHEIC) on 14 August 2024.

This decision is expected to facilitate increased and timely access to vaccines in communities where mpox outbreaks are surging. In 2024, cases have been reported across 80 countries, including 19 countries in Africa, based on data as of 31 October 2024. The Democratic Republic of the Congo, the hardest-hit country, recorded a large majority of suspected cases – over 39 000 – as well as more than 1000 deaths.

Today's move is particularly relevant **as the Government of Japan has announced that it will donate 3.05 million doses of the LC16m8 vaccine**, along with specialized inoculation needles, to the Democratic Republic of the Congo. This is the largest donation package announced to date in response to the current mpox emergency.

LC16m8 is a vaccine developed and manufactured by KM Biologics in Japan. The Technical Advisory Group (TAG) for EUL of vaccines convened to discuss the outcome of the LC16m8 vaccine review, including the product and programmatic suitability assessments. **The TAG recommended the vaccine for use in individuals over one year of age as a single dose vaccine, via a multiple puncture technique using a bifurcated needle.**

"WHO emergency use listing of the LC16m8 vaccine against mpox marks a significant step in our response to the current emergency, providing a new option to protect all populations, including children," said Dr Yukiko Nakatani, WHO Assistant Director-General for Access to Medicines and Health Products. "Vaccines are one of the important tools to help contain the outbreak as part of a comprehensive response strategy that also includes improved testing and diagnosis, treatment and care, infection prevention control, and engagement and education within affected communities."

WHO's assessment for EUL is based on information submitted by the manufacturer and review by the Pharmaceuticals and Medical Devices Agency (PMDA), the Japanese regulatory agency of record for this vaccine. The LC16m8 vaccine has been used in Japan during previous mpox outbreaks and was shown to be safe and effective, including in people with well-controlled HIV.

The WHO Strategic Advisory Group of Experts (SAGE) on Immunization reviewed available evidence and recommended the use of LC16m8 vaccine in outbreak settings in children and others with a documented high-risk of exposure to mpox...

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WHO & Regional Offices [to 23 Nov 2024]

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

Selected News/Announcements/Statements

22 November 2024 *News release*

[Lebanon: a conflict particularly destructive to health care](#)

20 November 2024

[WHO, WIPO, WTO to host symposium on boosting manufacturing for non-communicable diseases](#)

19 November 2024 *News release*

[WHO Investment Round: culminating moment at G20 Summit as leaders pledge](#)

19 November 2024 *News release*

[WHO adds LC16m8 mpox vaccine to Emergency Use Listing](#)

17 November 2024 *News release*

[WHO and partners rally cervical cancer elimination efforts](#)

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region AFRO

:: 21 November 2024

[Protecting at-risk populations from mpox in the Democratic Republic of the Congo](#)

:: 20 November 2024

[Namibia strengthens child protection measures](#)

:: 20 November 2024

[Urgent action needed to tackle growing antimicrobial resistance threat in African region](#)

:: 18 November 2024

[Delivering lifesaving health services for flood-displaced families in Nigeria](#)

WHO Region of the Americas PAHO

:: 22 Nov 2024

[At COP29, PAHO warns that failure to focus on people in vulnerable situations will exacerbate health inequities](#)

Baku, Azerbaijan/Washington, D.C., 22 November 2024 – At COP29 this week, the Pan American Health Organization (PAHO) underscored the importance of focusing on the needs of populations in situations of vulnerability when implementing policies to address the health impact of climate change. Speaking at the 29th United Nations Climate Change...

:: 19 Nov 2024

CAF, ECLAC, IDB, and PAHO Advancing Equity and Sustainable Development in the Americas at Brazil's G20 Summit

19 November 2024 Overview: The Regional Organizations of the Americas – the Development Bank of Latin America and the Caribbean (CAF), the Economic Commission for Latin America and the Caribbean (ECLAC), the Inter-American Development Bank (IDB), and the Pan American Health Organization (PAHO) - congratulate Brazil's government on a very...

WHO South-East Asia Region SEARO

:: 18 November *Statement*

World AMR Awareness Week 2024

:: 17 November 2024 *Statement*

Cervical cancer elimination day of action

WHO European Region EURO

:: 20 November 2024 *News release*

Joint WHO–World Bank report outlines steps for Ukraine to strengthen financing of health system, improving equity and efficiency

:: 20 November 2024 *Media release*

Future-proofing the European Region's children: WHO and UNICEF release powerful new evidence for action on health

WHO Eastern Mediterranean Region EMRO

How healthcare workers in northwest Syria are battling antimicrobial resistance against the odds

19 November 2024

Syrian health professionals call for urgent action ahead of World Antimicrobial Awareness Week

17 November 2024

WHO Western Pacific Region

No new digest content identified.

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WHO - Emergency situation reports

Latest WHO official reports for emergency situations. Latest WHO official reports for emergency situations.

Multi-country outbreak of cholera, External situation report #20 - 20 November 2024

Sudan conflict – Situation in refugee-hosting countries, Multi-country External Situation Report #6, covering the reporting period October 2024

Overview

This is the sixth report summarizing the multi-country health situation and WHO's response across the regional refugee crisis caused by the conflict in Sudan. More than 11.6 million people have been displaced—the largest number in the world—with over 2.4 million displaced into neighbouring countries, including Chad, South Sudan, Egypt, Libya, Ethiopia, the Central African Republic, and Uganda.

As the Health Cluster Lead Agency, WHO ensures the coordination across partners and the strategic approach of the humanitarian health response. However, the existing funding gap limits the ability to scale up and address needs...

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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.

No new digest content identified.

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Weekly Epidemiological Record

<https://www.who.int/publications/journals/weekly-epidemiological-record>

Vol. 99, No. 47, pp. 695–706 22 November 2024

PDF: <https://iris.who.int/bitstream/handle/10665/379600/WER9947-eng-fre.pdf>

:: 13th Meeting of the WHO Expert Working Group on Surveillance of Antiviral Susceptibility of Influenza Viruses for the WHO Global Influenza Surveillance and Response System

:: Guinea validated for elimination of maternal and neonatal tetanus

.....

New WHO Publications

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

Selected

22 November 2024

[Act Now: End TB in the South-East Asia Region, 2024](#)

21 November 2024

[All for Health, Health for All: investment case 2025–2028](#)

20 November 2024

[Multiple first-line therapies as part of the response to antimalarial drug resistance](#)

20 November 2024

[Beyond the decade of healthy ageing: extending benefits across the life course. Report of the meeting...](#)

20 November 2024

[Guidance for human genome data collection, access, use and sharing](#)

Overview

The ethical, legal, and equitable sharing of human genomic data is critical to advancing global health research and ensuring fair access to the benefits of genomics. The WHO's new document outlines a comprehensive set of globally applicable principles designed to guide stakeholders in the responsible collection, use, and sharing of human genome data. This document serves as a key resource to navigate complex issues surrounding data governance, with the aim of fostering transparency, promoting equity, and safeguarding individual and collective rights. These principles are intended to support the implementation of best practices across diverse settings, thereby enhancing the global capacity for genomic research and its translation into health benefits for all.

20 November 2024

[Accelerating optimal approval of priority formulations for antibiotic use in children: meetings report...](#)

19 November 2024

Neurology and COVID-19: scientific brief, 20 August 2024

19 November 2024

Facilitation manual: psychological first aid during Ebola virus disease outbreaks, 2nd edition

Overview

This manual is designed to orient helpers to offer psychological first aid (PFA) to people affected by an Ebola outbreak. PFA involves humane, supportive and practical assistance for people who are distressed, in ways that respect their dignity, culture and abilities. This facilitator's manual is to be used together with the guide Psychological first aid during Ebola virus disease outbreaks.

This document was provisionally made available in 2014 and this updated 2024 version is published to ensure that all facts on Ebola virus disease (EVD) are in line with the latest evidence...

18 November 2024

WHO training package on environmental cleaning: evaluation methodology guide

18 November 2024

Target product profiles for human papillomavirus screening tests to detect cervical pre-cancer and cancer

17 November 2024

WHO Technical Advisory Group on the responsible use of the life sciences and dual-use research: report...

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USA – HHS, FDA, CDC

HHS

News

No new digest content identified.

FDA

Press Announcements

FDA Roundup: November 22, 2024

...On Wednesday, the FDA issued this final guidance: "510(k) Third Party Review Program and Third Party Emergency Use Authorization (EUA) Review". This guidance supersedes the previous 510(k) Third Party Review Program guidance, clarifying how the FDA will use third party review organizations to review 510(k) submissions...

FDA VRBPAC

Advisory Committee Calendar

Vaccines and Related Biological Products Advisory Committee December 12, 2024 Meeting Announcement - 12/12/2024

CDC/ACIP [U.S.] [to 23 Nov 2024]

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

Latest News

CDC confirms H5N1 Bird Flu Infection in a Child in California

The Centers for Disease Control and Prevention (CDC) has confirmed a human infection with avian influenza A(H5N1) (H5N1 bird flu) in a child in California.

Nov 22, 2024

California confirms first clade I mpox case

CDC to receive samples for additional viral characterization. Nov 16, 2024

Nov 17, 2024

ACIP Meetings

Next ACIP Meeting

February 26-27, 2025

MMWR Weekly

<https://www.cdc.gov/mmwr/index2024.html>

November 21, 2024 / No. 46

[PDF of this issue](#)

- [Influenza, COVID-19, and Respiratory Syncytial Virus Vaccination Coverage Among Adults — United States, Fall 2024](#)
- [Coverage with Influenza, Respiratory Syncytial Virus, and COVID-19 Vaccines Among Nursing Home Residents — National Healthcare Safety Network, United States, November 2024](#)
- [Detection of Real-Time Changes in Direction of COVID-19 Transmission Using National- and State-Level Epidemic Trends Based on Rt Estimates — United States Overall and New Mexico, April–October 2024](#)

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Europe

European Medicines Agency [EMA]

<https://www.ema.europa.eu/en/news>

News & Press Releases

No new digest content identified.

European Centre for Disease Prevention and Control

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

News/Updates/Reports/Publications [Selected]

[ECDC launches ECDC Lighthouse, a Community of Practice for social and behavioural sciences in infectious disease prevention](#)

21 Nov 2024

Surveillance and monitoring

[Monthly measles and rubella monitoring report - September 2024](#)

21 Nov 2024

This report provides an overview of measles and rubella cases reported to ECDC through The European Surveillance System (TESSy).

[Reducing antimicrobial resistance: accelerated efforts are needed to meet the EU targets](#)

18 Nov 2024

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Africa CDC [to 23 Nov 2024]

<https://africacdc.org/>

Press Releases, Statements [Selected]

Press Releases

[Africa CDC Applauds U.S. Decision to Lift Level 3 Travel Health Notice for Rwanda Following Marburg Outbreak Containment](#)

ADDIS ABABA, Ethiopia, November 23, 2024 – The Africa Centres for Disease Control and Prevention (Africa CDC) commends the United States government for its decisive action to lift the Level 3 (Reconsider Nonessential Travel) Travel Health Notice for Marburg in Rwanda, initially issued on October 7, 2024. This advisory, equated to a travel ban, resulted in de facto restriction to movement of American citizens to Rwanda. It also dealt a significant economic blow to the nation as it marshaled resources to confront a complex and high-risk outbreak.

This decision underscores Rwanda's remarkable achievements in exceptional leadership and innovative management on the containment of the Marburg outbreak. It affirms the nation's steadfast commitment to safeguarding public health and restoring confidence in Africa and the World...

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China CDC+

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

National Health Commission of the People's Republic of China [to 23 Nov 2024]

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

News

No new digest content identified.

National Medical Products Administration – PRC [to 23 Nov 2024]

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

News

[NMPA to enhance cooperation with drug regulatory authorities of Vietnam, Thailand](#)

2024-11-22

Li Li, commissioner of China's National Medical Products Administration (NMPA), led a delegation to visit Vietnam and Thailand from Nov 11 to 15 to discuss practical cooperation in drug regulation with related departments.

[Experts stress good personal hygiene, vaccination as respiratory illnesses rise](#)

2024-11-22

Since the risk of respiratory infectious disease has increased as temperatures drop, experts emphasized the importance of maintaining good personal hygiene and getting vaccinated promptly.

China CDC

[CCDC Weekly Reports: Current Volume \(6\)](#)

2024-11-22 / No. 47 WORLD ANTIBIOTIC AWARENESS WEEK ISSUE

[PDF of this issue](#)

- [Vital Surveillances: One Health Approach of Enterococcal Population Structure and Antibacterial Resistance Along the Food Chain — Four PLADs, China, 2015–2022](#)
- [Outbreak Reports: The First Case of Serogroup Y Neisseria meningitidis and An Expanded Investigation of Healthy Carriers — Shijiazhuang City, Hebei Province, China, 2023](#)

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Organization Announcements

Paul G. Allen Frontiers Group [to 23 Nov 2024]

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

News

[The Transmitter: Expanding set of viral tools targets almost any brain cell type](#)

11.19.2024

Harmless viruses that encase short noncoding DNA elements called enhancers enable cell-type-specific gene delivery across the central nervous system...

BMGF - Gates Foundation [to 23 Nov 2024]

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

Press Releases & Statements

[Misk Foundation and Gates Foundation Announce Launch of the “Challenge for Change” Supporting Development Projects, Driving Social Impact and Contributing to Progress Towards Sustainable Development Goals](#)

RIYADH, SAUDI ARABIA (21 November 2024) – At the Misk Global Forum in Riyadh, the Mohammed Bin Salman Foundation (Misk) and the Bill & Melinda Gates Foundation announced the [Challenge for Change](#), a program aiming to support non-profits and social enterprises across the Kingdom of Saudi Arabia...

Bill & Melinda Gates Medical Research Institute [to 23 Nov 2024]

<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 23 Nov 2024]

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

News

No new digest content identified.

CEPI – Coalition for Epidemic Preparedness Innovations [to 23 Nov 2024]

<http://cepi.net/>

CEPI News

News

New project aims to bolster global vaccine preparedness against SARS-CoV-1 and SARS-CoV-2

Project will help to ensure the availability of antibody reagents for the development of vaccines against SARS-CoV-1 and SARS-CoV-2.

18 Nov 2024

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 23 Nov 2024]

<https://cioms.ch/>

News; Publications; Events

CIOMS Real-world data report webinar

Online - December 3, 2024

This webinar introduces and explains the main concepts of the CIOMS report on Real-world data and real-world evidence in regulatory decision making. <https://doi.org/10.56759/kfxh6213> Registration is recommended as places will be limited. [Register Now](#)

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 23 Nov 2024]

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

News

No new digest content identified.

Duke Global Health Innovation Center [to 23 Nov 2024]

<https://dukeghic.org/>

News

Issue 3: 22 November 2024 | Mpox: Transparency and Accountability for the Global Response

Our Reports 22 Nov 2024

Welcome to the third issue of our biweekly report, "Mpox: Transparency and Accountability for the Global Response." In this edition, we provide a comprehensive update on the latest developments and insights across all topic areas, featuring our most recent analyses and findings since the last issue. This report will be updated and shared every other week with our community. As always, we aim to serve as an external, independent source for tracking and catalyzing effective actions to meet and increase commitments, and to hold the key stakeholders to account for achieving emergency preparedness and response goals. Access the full report.

EDCTP [to 23 Nov 2024]

<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

22 November 2024

Twelfth EDCTP Forum: Call for abstracts and scientific symposia open

Emory Vaccine Center [to 23 Nov 2024]

<http://www.vaccines.emory.edu/>
Vaccine Center News
No new digest content identified.

European Vaccine Initiative [to 23 Nov 2024]

<http://www.euvaccine.eu/>
Latest News, Events

EVI showcases progress in placental malaria research at PDP IV Annual Meeting

The European Vaccine Initiative (EVI) proudly participated in the Product Development Partnerships (PDP) IV Annual Meeting on

Evidence Aid [to 23 Nov 2024]

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/>

Evidence Aid: Final farewell – 31 October 2024

www.evidenceaid.org

When we announced the news of our closure back in July, we hoped that Evidence Aid summaries would remain accessible and free of charge beyond closure of the charity. We are delighted to be able to announce that from now, the International Rescue Committee are hosting the website, evidenceaid.org and continue to make much of Evidence Aid's existing material available to the public. Should you have any questions relating to the website after 31 October, please contact airbel@rescue.org.

Fondation Merieux [to 23 Nov 2024]

<http://www.fondation-merieux.org/>
News, Events
No new digest content identified.

Gavi [to 23 Nov 2024]

<https://www.gavi.org/>
Press Releases
19 November 2024

Lao PDR launches nationwide HPV immunization campaign to protect girls against cervical cancer

GE2P2 Global Foundation [to 23 Nov 2024]

www.ge2p2.org

News/Analysis/Publications-Digests/Statements

:: [Vaccines and Global Health: The Week in Review](#) - Current edition

:: [Informed Consent: A Monthly Review – October 2024](#)

:: [Public Consultations Watch :: Global Calls for Input/Public Comment – 12 Nov 2024 – Issue 25](#)

GHIT Fund [to 23 Nov 2024]

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

November 19, 2024

GHIT Fund Awarded Open Philanthropy Grant to Expand Funding Sources for Global Health R&D

Global Fund [to 23 Nov 2024]

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

News Releases

No new digest content identified.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 23 Nov 2024]

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

No new digest content identified.

Hilleman Laboratories [to 23 Nov 2024]

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

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 23 Nov 2024]

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

Press Room

Tapping into Bacterial Conversations

Nov 21, 2024

Over the course of 30 years, HHMI Investigator Bonnie Bassler has helped usher in a new branch of science centered on quorum sensing, the process by which bacteria communicate with one another and orchestrate collective tasks. One day, this work could lead to alternatives to traditional antibiotics – a pressing need in the war against multi-drug resistant bacteria.

Human Immunome Project [nee Human Vaccines Project] [to 23 Nov 2024]

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

News

No new digest content identified.

IAVI [to 23 Nov 2024]

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

News, Features

IAVI Report

Drug-resistant microbes are on the march. Vaccines to the rescue?

November 21, 2024

Vaccines against deadly microbial pathogens could put a dent in antimicrobial resistance.

INSERM [to 23 Nov 2024]

<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

21 November 2024

[Global regulators commit to playing their part in tackling antimicrobial resistance as a priority](#)

19 November 2024

[ICMRA's achievement during COVID-19 pandemic](#)

19 November 2024

[World AMR Awareness Week 2024: Preventing antimicrobial resistance together](#)

ICH [International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use] [to 23 Nov 2024]

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

News/Pubs/Press Releases [Selective]

22 November 2024

[ICH E6\(R3\) Annex 2 draft Guideline presentation available now on the ICH website](#)

The ICH E6(R3) Annex 2 draft Guideline on Good Clinical Practice reached Step 2b of the ICH Process on 6 November 2024 and entered the public consultation period.

ICRC [to 23 Nov 2024]

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

What's New [Selected]

News release 19-11-2024

[Sudan: Community kitchens bring vital food relief to thousands in North Darfur as humanitarian conditions worsen](#)

[The humanitarian crisis in Lebanon and the ICRC's response](#)

Article 15-11-2024

IFFIm

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

Press Releases/Announcements

No new digest content identified.

IFRC [to 23 Nov 2024]

<http://media.ifrc.org/ifrc/news/press-releases/>

Press Releases [Selected]

[Humanitarian-sector first as worldwide insurance policy pays climate disaster costs](#)

12/11/2024 | *Press release*

Institut Pasteur [to 23 Nov 2024]

<https://www.pasteur.fr/en/press-area>

Press Documents

No new digest content identified.

ISC / International Science Council [to 23 Nov 2024]

<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

News

The Right to Participate in and Benefit from Science – Call for Feedback

The ISC's interpretation of 'the right to participate in and benefit from science' provides a clear framework for understanding the right to science, emphasizing its application in research, policy, and global access to scientific knowledge. It clarifies the obligations, opportunities, and responsibilities in ensuring universal access to science, fostering global dialogue to shape a more inclusive and sustainable future.

International Union of Immunological Societies (IUIS)

<https://iuis.org/>

News/Events [Selected]

No new digest content identified.

IVAC [to 23 Nov 2024]

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

Updates; Events

No new digest content identified.

IVI [to 23 Nov 2024]

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

IVI News & Announcements

No new digest content identified.

Johns Hopkins Center for Health Security [to 23 Nov 2024]

<https://centerforhealthsecurity.org/newsroom>

Center News [Selected]

No new digest content identified.

MSF/Médecins Sans Frontières [to 23 Nov 2024]

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

Latest [Selected Announcements]

Lives of children and newborns put at risk by living conditions in Gaza

Project Update 22 Nov 2024

National Academy of Medicine - USA [to 23 Nov 2024]

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

News [Selected]

No new digest content identified.

National Academies-Sciences-Engineering-Medicine [NASEM]- USA [to 23 Nov 2024]

<https://www.nationalacademies.org/newsroom>

News

No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 23 Nov 2024]

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

Upcoming Meetings/Latest Updates

No new digest content identified.

NIH [to 23 Nov 2024]

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

News Releases

[NIH-developed AI algorithm matches potential volunteers to clinical trials](#)

November 18, 2024 — Such an algorithm may save clinicians time and accelerate clinical enrollment and research.

PATH [to 23 Nov 2024]

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

Newsroom

Latest News & Press Releases

No new digest content identified.

Sabin Vaccine Institute [to 23 Nov 2024]

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

Latest News & Press Releases

No new digest content identified.

UNAIDS [to 23 Nov 2024]

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

News, Stories, Updates

Feature story

[PrEP for her: Cambodia, Indonesia, Papua New Guinea and the Philippines prepare to introduce the Dapivirine ring to help prevent HIV](#)

22 November 2024

Press release

[Climate emergency risks worsening AIDS epidemic, UN warns at COP29](#)

Countries facing “triple funding crisis” of insufficient climate finance, insufficient HIV funding, and crippling debt

21 November 2024

UNICEF [to 23 Nov 2024]

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

Latest press releases, news notes and statements

Statement 21 November 2024

[Urgent need to protect children amid escalating conflict in Myanmar](#)

NEW YORK, 21 November 2024 - "The humanitarian crisis in Myanmar is reaching a critical inflexion point, with escalating conflict and climate shocks putting children and families at unprecedented risk. Over 3.4 million people have been displaced across the country, nearly 40 per cent of whom are children. "During ...

Press release 19 November 2024

[Challenging future projected for children in 2050 in world transformed by extreme climate crises, population shifts, and tech disparities](#)

NEW YORK, 20 November 2024 – The future of childhood hangs in the balance if urgent action is not taken to safeguard children's rights in a changing world, UNICEF warned in its flagship report released on World Children's Day today. The State of the World's Children 2024: The Future of Childhood in a Changing Wor...

Remarks 19 November 2024

[Lebanon's Escalating Violence on Children](#)

GENEVA, 19 November 2024 - "Despite more than 200 children killed in Lebanon in less than two months, a disconcerting pattern has emerged: their deaths are met with inertia from those able to stop this violence. "For the children of Lebanon, it has become a silent normalisation of horror. In an effort to break tha...

Press release 18 November 2024

[Average of at least 16 children killed or injured in Ukraine every week as escalation of war nears 1,000 days](#)

NEW YORK/KYIV, 18 November 2024 – At least 2,406 children have been killed or injured since the escalation of the war in Ukraine nearly 1,000 days ago, according to the latest available verified reports. In addition to child casualties, which include 659 children killed and 1,747 children injured - amounting to at...

Unitaid [to 23 Nov 2024]

<https://unitaid.org/>

Featured News

22 November 2024

[With Antimicrobial Resistance, Women and Children Face Highest Risks](#)

21 November 2024

[Unitaid to double its investment in maternal and newborn health with call for proposals that address preeclampsia and anemia](#)

18 November 2024

[COP29 spotlight: How Unitaid can reduce emissions in HIV treatment](#)

18 November 2024

[The last mile in child medicine: The best HIV medicines for the youngest babies](#)

Vaccine Equity Cooperative [nee Initiative] [to 23 Nov 2024]

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

News

No new digest content identified.

Vaccination Acceptance & Demand Initiative (Sabin) [to 23 Nov 2024]

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

Blog

No new digest content identified.

Vaccine Confidence Project [to 23 Nov 2024]

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

News, Research and Reports

No new digest content identified.

Vaccine Education Center – Children’s Hospital of Philadelphia [to 23 Nov 2024]

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

News

No new digest content identified.

Wellcome Trust [to 23 Nov 2024]

<https://wellcome.org/news/all>

News. Opinion, Reports

No new digest content identified.

The Wistar Institute [to 23 Nov 2024]

<https://www.wistar.org/news/press-releases>

Press Releases

November 21, 2024

[Wistar Institute Researchers Discover New Combination Therapy Approach for Metastatic Ovarian Cancer](#)

PHILADELPHIA — (November 21, 2024) — The Wistar Institute’s Nan Zhang, Ph.D., assistant professor in the Ellen and Ronald Caplan Cancer Center’s Molecular and Cellular Oncogenesis Program, and lab ...

World Bank [to 23 Nov 2024]

<http://www.worldbank.org/en/news/all>

All News [Selected]

[Economic Inclusion Programs Reach Only 10% of World’s Poorest](#)

Strong Evidence of Impact Shows Need to Scale Up Efforts

WASHINGTON, Nov. 20, 2024 – Economic inclusion programs are cost-effective and impactful but are reaching only about one-in-ten people living...

WFPHA: World Federation of Public Health Associations [to 23 Nov 2024]

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

Blog, Events

Mpox: Comprehensive Guide and the WFPHA Statement

Nov 19, 2024

World Medical Association [WMA] [to 23 Nov 2024]

<https://www.wma.net/news-press/press-releases/>

Press Releases

Global physician leader calls for stronger financial and political commitments to put health at the center of COP29 negotiations

18.11.2024

World Organisation for Animal Health [OIE] [to 23 Nov 2024]

<https://www.oie.int/>

Press Releases, Statements

Celebrating the progress of the animal health sector in containing antimicrobial resistance

Published on 20 November 2024

As the World AMR Awareness Week (WAAW) reaches its mid-point, we reflect on the achievements of the veterinary community worldwide in addressing one of the most urgent global health threats of our time.

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ARM [Alliance for Regenerative Medicine] [to 23 Nov 2024]

<https://alliancerm.org/press-releases/>

Selected Press Releases

No new digest content identified.

BIO [to 23 Nov 2024]

<https://www.bio.org/press-releases>

Press Releases

No new digest announcements identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 23 Nov 2024]

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

News; Upcoming events

No new digest announcements identified.

ICBA – International Council of Biotechnology Associations [to 23 Nov 2024]

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

News

No new digest announcements identified.

IFPMA [to 23 Nov 2024]

<https://ifpma.org/>

News, Statements [Selected]

Press release 20 Nov 2024

New study demonstrates the economic impact of the global pharmaceutical industry

New data sets out the economic impacts of the global pharmaceutical industry, focusing on contributions to Gross Domestic Product (GDP), job creation, and research and development (R&D) activities.

Statement 22 Nov 2024

Biopharmaceutical CEO Roundtable meets in New York, focusing on challenges and opportunities, role of pharmaceutical innovation

The Biopharmaceutical CEO Roundtable (BCR), which represents the world's leading biopharmaceutical companies, met in New York City, on 21 November, to discuss global health challenges and public health policies impacting medical innovation. 22 November 2024, New York City – The CEOs of leading biopharmaceutical companies met in New York City to discuss collaborative solutions that...

International Alliance of Patients' Organizations – IAPO [to 23 Nov 2024]

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

Press and media [Selected]

IAPO launches new toolkit on biosimilar medicines

Tuesday, 12 November 2024

International Generic and Biosimilar Medicines Association [IGBA]

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

News

High-Level Statement: Comprehensive approach for a treaty to end plastics pollution: Perspectives from the biopharmaceutical and consumer health industries

14 November 2024

PhRMA [to 23 Nov 2024]

<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

Bavarian Nordic

Latest News - No new digest announcements identified

Bharat Biotech

Press Releases - No new digest announcements identified

BioCubaFarma – Cuba

Últimas Noticias - No new digest announcements identified

Biological E

News - No new digest announcements identified

BioNTech

Press Releases

[BioNTech to Acquire Biotheus to Boost Oncology Strategy](#)

13 November 2024

- Acquisition to support the global execution of BioNTech's oncology strategy and provide full global rights to BNT327/PM8002, an investigational PD-L1 x VEGF-A bispecific antibody, with potential to replace current checkpoint inhibitor standard of care treatments for solid tumors
- With the acquisition of Biotheus, BioNTech aims to further strengthen its capabilities to develop, manufacture and commercialize next-generation bispecific antibodies and novel treatment combinations...

Boehringer

Press Releases

[Boehringer's focus on Health Equity drives significant upgrade in Access to Medicine Index ranking](#)

11/19/2024

CanSinoBIO

News - Website not responding at inquiry

CIGB

Latest News - No new digest announcements identified.

Cinnagen

Recent News - No new digest announcements identified.

Clover Biopharmaceuticals – China

News - No new digest announcements identified.

Curevac

News - No new digest announcements identified.

Gamaleya National Center/Sputnik

Latest News and Events - No new digest announcements identified [Last: 09 Nov 2020]

<https://sputnikvaccine.com/> - No new digest announcements identified [Last: 31 Aug 2022]

GSK

Press releases for media

22 November 2024

[Arexvy approval expanded to adults aged 50-59 at increased risk of severe RSV disease in Japan](#)

19 November 2024

[Statement: GSK continues to show strong leadership in its Access to Medicines Index ranking](#)

EuBiologics, S Korea

News - 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 - No new digest announcements identified

Nanogen

News - No new digest announcements identified

Novartis

News

Media Release Nov 19, 2024

[Novartis ranks first in 2024 Access to Medicine Index](#)

Novavax

Press Releases - No new digest announcements identified.

Pfizer

Recent Press Releases

11.20.2024

Corporate Leadership

[Pfizer Announces New Chief Scientific Officer and President, Research & Development](#)

- Chris Boshoff to lead all Research and Development functions including Oncology
- Oncology Unit end-to-end structure to remain intact, reporting to Boshoff
- Roger Dansey to become Interim Chief Oncology Officer and Johanna Bendell to join Pfizer as Oncology Chief Development Officer

NEW YORK--(BUSINESS WIRE)-- Pfizer Inc. (NYSE: PFE) today announced that after a comprehensive internal and external selection process, the company is appointing Chris Boshoff, M.D., PhD, as Chief Scientific Officer and President, Research & Development effective January 1, 2025. Dr. Boshoff, who most recently served as Chief Oncology Officer and Executive Vice President, will succeed Dr. Mikael Dolsten whose departure from Pfizer was announced earlier this year...

R-Pharm

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

[No news or media page identified]

Sanofi Pasteur

Press Releases

[Communiqué de presse - Sanofi renforce la bioproduction d'anticorps en France avec un investissement de plus de 40 millions d'euros sur son site de Lyon Gerland](#)

November 15, 2024

Sinopharm/WIBPBIBP

News - No new digest announcements identified [English translation function inoperable]

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.]

Website [No News/Announcements page identified]

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Contents [click to move among sections]

:: [Milestones, Perspectives](#)

:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)

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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 15, 2023 Issue 4

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

[Reviewed earlier]

AMA Journal of Ethics

Volume 26, Number 11: E823-895

<https://journalofethics.ama-assn.org/issue/peace-health-care>

Peace in Health Care

Clinicians are carefully trained to incorporate and routinize what they do together every day, over and over again: health care professionalism has always been and is a practice. While so-called “medical shows” glamorize high-stakes, emotional health care situations, skilled clinicians generally strive to mitigate crises and control any variables they can, restore homeostasis, and promote stability and wellness in the lives of ill, injured patients. As a culture, we probably do not benefit much when health care organizations are misappropriated and misrepresented as sites of dramatic entertainment. In reality, patients, their loved ones, and their clinicians need health care organizations to be places of peace. This theme issue investigates what it means to establish and maintain health care as an enterprise known less for stress and more for healing.

American Journal of Human Genetics

Nov 07, 2024 Volume 111 Issue 11p2307-2582

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

Articles

[Reviewed earlier]

American Journal of Infection Control

November 2024 Volume 52 Issue 11 p1227-1344

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

[Reviewed earlier]

American Journal of Preventive Medicine

November 2024 Volume 67 Issue 5 p641-802

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

[Reviewed earlier]

American Journal of Public Health

November 2024 114(11)

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

[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 111 (2024): Issue 5 (Nov 2024)

<https://www.ajtmh.org/view/journals/tpmd/111/4/tpmd.111.issue-5.xml>

Articles

[Reviewed earlier]

Annals of Internal Medicine

November 2024 Volume 177, Issue 11

<https://www.acpjournals.org/toc/aim/current>

Clinical Guidelines

National Institutes of Health COVID-19 Treatment Guidelines Panel: Perspectives and Lessons Learned

Roy M. Gulick, MD, MPH, et al.
Pages:1547–1557

Medicine and Public Issues

Modernizing Medical Device Regulation: Challenges and Opportunities for the 510(k) Clearance Process

Kushal T. Kadakia, MSc,, et al.
Pages:1558–1565

School Mask Mandates and COVID-19: The Challenge of Using Difference-in-Differences Analysis of Observational Data to Estimate the Effectiveness of a Public Health Intervention

Ambarish Chandra, PhD, et al.
Pages:1566–1572

Artificial Intelligence – An International Journal

Volume 336 November 2024

<https://www.sciencedirect.com/journal/artificial-intelligence/vol/336/suppl/C>

[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

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

(Accessed 23 Nov 2024)

Coverage and distributional benefit–cost of rotavirus vaccine in Uganda: an analysis of routine health facility aggregated data

Owing to the lack of local cost and clinical effectiveness data in sub-Saharan Africa, economic evaluations of the rotavirus vaccine are still limited in the region. In this study, we utilize different data so...

Authors: Rornald Muhumuza Kananura, Gatien de Broucker, Anthony Ssebagereka, Aloysius Mutebi, Elizabeth Ekirapa Kiracho and Bryan Patenaude

Citation: *Cost Effectiveness and Resource Allocation* 2024 22:85

Content type: Research Published on: 22 November 2024

BMC Health Services Research

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

(Accessed 23 Nov 2024)

[No new digest content identified]

BMC Infectious Diseases

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

(Accessed 23 Nov 2024)

Measles vaccine effectiveness in African children: a systematic review and meta-analysis

Measles is an extremely contagious viral disease that can be prevented through vaccination. It is caused by the measles virus and presents with symptoms such as high fever, cough, runny nose, conjunctivitis, a...

Authors: Demeke Endalamaw, Endalkachew Nibret, Abaineh Munshea, Feleke Mekonnen, Senait Tadesse, Taye Zeru, Mesfine Tefera and Gizachew Yismaw
Citation: *BMC Infectious Diseases* 2024 24:1330
Content type: Systematic Review Published on: 21 November 2024

Federated learning as a smart tool for research on infectious diseases

The use of real-world data has become increasingly popular, also in the field of infectious disease (ID), particularly since the COVID-19 pandemic emerged. While much useful data for research is being collected...

Authors: Laura C. Zwiers, Diederick E. Grobbee, Alicia Uijl and David S. Y. Ong
Citation: *BMC Infectious Diseases* 2024 24:1327
Content type: Research Published on: 21 November 2024

Protective role of vaccination on the development of long COVID: data from a large, multicenter, prospective cohort study

Long COVID, a highly heterogeneous syndrome affecting millions of people worldwide, is emerging as an urgent public health threat, but data on the predictors of specific clinical manifestations over long follow-up...

Authors: Francesco Di Gennaro, Nicola Veronese, Francesco Vladimiro Segala, Luisa Frallonardo, Giacomo Guido, Mariangela Cormio, Greta Romita, Angela Parisi, Eliana Marrone, Maria Elena Ciuppa, Anna La Carrubba, Luca Carruba, Anna Licata, Giada Cavallaro, Vittorio Pagliuso, Teresa Maino...
Citation: *BMC Infectious Diseases* 2024 24:1313
Content type: Research Published on: 18 November 2024

BMC Medical Ethics

<http://www.biomedcentral.com/bmcmedethics/content>
(Accessed 23 Nov 2024)

Ethical issues in vaccine trial participation by adolescents: qualitative insights on family decision making from a human papillomavirus vaccine trial in Tanzania

Research in children is essential for them to benefit from the outcomes of research but involvement must be weighed against potential harms. In many countries and circumstances, medical research legally requires...

Authors: Lucy Frost, Ms Tusajigwe Erio, Hilary Whitworth, Ms Graca Marwerwe, Richard Hayes, Kathy Baisley, Silvia de SanJosé, Deborah Watson-Jones and Kirstin Mitchell
Citation: *BMC Medical Ethics* 2024 25:134
Content type: Research Published on: 20 November 2024

BMC Medicine

<http://www.biomedcentral.com/bmcmed/content>
(Accessed 23 Nov 2024)
[No new digest content identified]

BMC Pregnancy and Childbirth

<http://www.biomedcentral.com/bmcpregnancychildbirth/content>
(Accessed 23 Nov 2024)
[No new digest content identified]

BMC Public Health

<http://bmcpublikealth.biomedcentral.com/articles>
(Accessed 23 Nov 2024)
[No new digest content identified]

BMC Research Notes

<http://www.biomedcentral.com/bmcresnotes/content>
(Accessed 23 Nov 2024)
[No new digest content identified]

BMJ Evidence-Based Medicine

December 2024 - Volume 29 - 6
<https://ebm.bmj.com/content/29/6>
[New issue: No new digest content identified]

BMJ Global Health

October 2024 - Volume 9 - 10
<https://gh.bmj.com/content/9/10>
[Reviewed earlier]

Bulletin of the World Health Organization

Volume 102(11); 2024 Nov 1
<https://www.ncbi.nlm.nih.gov/pmc/issues/471305/>
Article
[Reviewed earlier]

Cell

Nov 14, 2024 Volume 187 Issue 23 p6415-6784
<https://www.cell.com/cell/current>
50th Anniversary

[Molecular biology: The fundamental science fueling innovation](#)

The Cell editorial team

Molecular biology aims to understand the details of life by focusing closely on biopolymers—DNAs, RNAs, and proteins—and how they interact with one another. Advances in this field have enabled dazzling achievements in virtually all areas of biological, biomedical, and clinical sciences. As we draw near to the conclusion of *Cell*'s 50th anniversary, we celebrate the wonders of molecular biology and look ahead to the exciting path forward for a branch of science that is driven by curiosity and has always been an integral part of the journal.

[From bacterial operons to gene therapy: 50 years of the journal *Cell*](#)

Tom Maniatis

Recombinant DNA technology has profoundly advanced virtually every aspect of biological and medical sciences, from basic research to biotechnology. Here, I discuss conceptual connections linking fundamental discoveries that were enabled by the technology, advances in the understanding of gene regulation in both prokaryotes and eukaryotes, and the recent FDA-approved CRISPR-based gene therapy for sickle cell anemia and β -thalassemia based on transcriptional derepression.

[The cellular dogma](#)

Stephen R. Quake

In this essay, I will put forth what I see as a major conceptual challenge for biology in the next decade, one that is inspired by Crick's Central Dogma: understanding information flow in the cell in the most general sense.

Child Care, Health and Development

Volume 50, Issue 6 November 2024

<https://onlinelibrary.wiley.com/toc/13652214/current>

[Reviewed earlier]

Clinical Pharmacology & Therapeutics

Volume 116, Issue 5 Pages: 1143-1351 November 2024

<https://ascpt.onlinelibrary.wiley.com/toc/15326535/current>

[Reviewed earlier]

Clinical Therapeutics

October 2024 Volume 46 Issue 10 p727-824

<http://www.clinicaltherapeutics.com/current>

[Reviewed earlier]

Clinical Trials

Volume 21 Issue 6, December 2024

<https://journals.sagepub.com/toc/ctja/21/6>

[Reviewed earlier]

Conflict and Health

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

[Accessed 23 Nov 2024]

[No new digest content identified]

Contemporary Clinical Trials

Volume 146 November 2024

<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/146/suppl/C>

[Reviewed earlier]

The CRISPR Journal

Volume 7, Issue 5 / October 2024

<https://www.liebertpub.com/toc/crispr/7/5>

[Reviewed earlier]

Current Genetic Medicine Reports

Volume 11, Issue 3-4 December 2023

<https://link.springer.com/journal/40142/volumes-and-issues/11-3>

[Reviewed earlier]

Current Medical Research and Opinion

Volume 40, Issue 11 2024

<https://www.tandfonline.com/toc/icmo20/current>

[Reviewed earlier]

Current Opinion in Infectious Diseases

December 2024 - Volume 37 - Issue 6

<https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx>

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Disaster Medicine and Public Health Preparedness

Volume 18 - 2024

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

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Volume 30, Number 11—November 2024
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Volume 48 September 2024
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Data monitoring committee insights / Ethics reviews and AI tools
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Research article
[Policies to address the Covid-19 pandemic: Lessons learned from tribal policymakers](#)
J.A. Pacheco, W.S. Choi, C.M. Daley
Article 100971

The Covid-19 pandemic created many challenges for federal policymakers. However, American Indian tribal policymakers also had to rely on their treaty relationship the United States and set policies to protect their sovereign nations. The Covid-19 pandemic was devastating to tribal communities and amplified many inequalities these communities already face.

The European Journal of Public Health

Volume 34, Issue 5, October 2024
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Editorial

[Molecular Informatics in Precision Medicine](#)

Abdul Azeez Sayed, Hari S Sharma, PhD, DSc, FIABS, J. Francis Borgio

Accepted on 22 Nov 2024

Genetics in Medicines

Volume 26, Issue 11 November 2024

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Global Health Action

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

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Schools of public health as a cornerstone for pandemic preparedness and response: the Africa COVID-19 experience

The Coronavirus disease (COVID-19) pandemic caused significant morbidity and mortality in Africa, in addition to other socio-economic consequences. Across the continent, Schools of Public Health (SPHs) played ...

Authors: Rawlance Ndejjo, Honore Kabwebwe Mitonga, Woldekidan Amde, Grace Biyinzika Lubega, Adamson S. Muula, Damen Haile Mariam, Steven N. Kabwama, Sean Mark Patrick, Desderius Haufiku, Maryam Amour, Marc Bosonkie, Trasier Mukama, Segun Bello, Duah Dwomoh, Glory Mbe Egom Nja, Douglas Bulafu...

Citation: *Globalization and Health* 2024 20:82

Content type: Review Published on: 21 November 2024

Health and Human Rights

Volume 26, Issue 1, June 2024

<https://www.hhrjournal.org/volume-26-issue-1-june-2024/>

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Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

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Vol. 11 No. 11 (2024): November 2024

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International Journal of Epidemiology

Volume 53, Issue 5, October 2024

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Volume 17 Issue 4 2024

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November 19, 2024, Vol 332, No. 19, Pages 1595-1682

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

Research Letter

[Decline of Mpox Antibody Responses After Modified Vaccinia Ankara–Bavarian Nordic Vaccination](#)

Ai-ris Y. Collier, MD; Katherine McMahan, MS; Catherine Jacob-Dolan, PhD; et al.

free access has audio

JAMA. 2024;332(19):1669-1672. doi:10.1001/jama.2024.20951

This study assesses mpox-specific immune responses for 12 months after MVA-BN vaccination.

Viewpoint

[H5 Influenza Vaccines—Moving Forward Against Pandemic Threats](#)

Jesse L. Goodman, MD, MPH; Rick A. Bright, PhD; Nicole Lurie, MD, MSPH

JAMA. 2024;332(19):1609-1610. doi:10.1001/jama.2024.17488

This Viewpoint discusses H5 influenza vaccine use in light of the current outbreak and how vaccine development, stockpiling, and deployment could shape the US' response to future pandemics.

Review

[Mpox Clinical Presentation, Diagnostic Approaches, and Treatment Strategies-A Review](#)

Bochum K. Titanji, MD; Aniruddha Hazra, MD; Jason Zucker, MD, MS

free access has active quiz has audio

JAMA. 2024;332(19):1652-1662. doi:10.1001/jama.2024.21091

This review examines the epidemiology, transmission, clinical presentation, assessment and diagnosis, prognosis, management and treatment, and prevention of mpox.

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Vol. 7 No. 01 (2024), January 2, 2024 , Page 1988-1996
<https://www.cmro.in/index.php/jcmro/issue/view/75>
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<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/171/suppl/C>
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Volume 19 Issue 3, July 2024

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Volume 17, Issue 3 Pages: 469-687 September 2024

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Volume 20, Issue 2 (2024)

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

Special Issue: Climate Justice and the Global Development Crisis.

Guest Editors: Anna Malavisi, Tom Hilde, and Krushil Watene

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[A Clinic-Level Approach to Improve Uptake of First COVID-19 Vaccine Dose in Primary Care](#)

[Annemarie M. Swamy](#), [Noah Kaufman](#), [Ernest Lievers](#), [Carrie Tyler](#), [Olivia Veira](#), [Sofia Osio Smith](#),
[Marquita C. Genies](#), [Melina Turtle](#), [Pamela A. Matson](#), [Julia M. Kim](#), [Arik V. Marcell](#)

pp. 1158-1173

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Volume 26, Issue 5 October 2024

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Volume 22, 2024 _ Issue 4

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Volume 274 November 2024

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Volume 98 Number 9 September 2024

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Nov 23, 2024 Volume 404 Number 10467 p2021-2130, e6

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

Editorial

[The next 1000 days: the forgotten ages of child health](#)

The Lancet

... A new Series published in this issue of *The Lancet* aims to address this oversight: Early Childhood Development and the Next 1000 Days. From the ages of 2–5 years, many children fall through the cracks between the frequent interactions with health-care systems after birth and during early infancy and the infrastructure that is provided by formal education. This effect is magnified by poverty and follows axes of inequity across the world, both within and between countries. These years are a pivotal yet neglected phase in a child's development, when they acquire crucial foundations for future learning and success, including rapid acceleration in a range of motor, social, and language and literacy skills...

Comment

[Equitable access to pandemic products demands stronger public governance](#)

Adam Strobeyko, et al.

Series

Early Childhood Development And The Next 1000 Days

[The next 1000 days: building on early investments for the health and development of young children](#)

Catherine E Draper, et al.

Early Childhood Development And The Next 1000 Days

[The cost of not investing in the next 1000 days: implications for policy and practice](#)

Milagros Nores, et al.

The Lancet Child & Adolescent Health

Nov 2024 Volume 8 Number 11 p773-842, e16

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Nov 2024 Volume 6 Number 11 e772-e878

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Nov 2024 Volume 12 Number 11 e1737-e1909

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Nov 2024 Volume 24 Number 11 p1177-1286, e660-e724
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Nov 2024 Volume 9 Number 11 e831-e994
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Nov 2024 Volume 12 Number 11 p837-932, e65-e74
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Volume 44 Issue 8, November 2024
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A Multidisciplinary Journal of Population Health and Health Policy
Volume 102, Issue 3 Pages: 517-821 September 2024
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Molecular Therapy

Nov 06, 2024 Volume 32 Issue 11 p3747-4162
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Nature

Volume 635 Issue 8039, 21 November 2024
<https://www.nature.com/nature/volumes/635/issues/8039>
Editorial 20 Nov 2024

[A 'Wikipedia for cells': researchers get an updated look at the Human Cell Atlas, and it's remarkable](#)

Coming less than a decade after its launch, the studies emerging from the global project are a major achievement. Funders should sign up for the long haul.

Technology Feature 20 Nov 2024

Computational technologies of the Human Cell Atlas

As the international effort reaches a 'critical mass' of achievements, Nature highlights seven tools that are poised to enable the next set of discoveries.

Amber Dance

Nature Biotechnology

Volume 42 Issue 11, November 2024

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Volume 30 Issue 11, November 2024

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Volume 23 Issue 11, November 2024

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Volume 25 Issue 11, November 2024

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Nature Reviews Immunology

Volume 24 Issue 11, November 2024

<https://www.nature.com/nri/volumes/24/issues/11>

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New England Journal of Medicine

Volume 391 No. 20 November 21, 2024

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Original Articles

[Safety and Efficacy of Immunization with a Late-Liver-Stage Attenuated Malaria Parasite](#)

O.A. Lamers and Others

NEJM Evidence

Volume 3 No. 10 October 2024

<https://evidence.nejm.org/toc/evid/current>

NEJM Evidence, a new monthly digital journal from NEJM Group, presents innovative original research and fresh, bold ideas in clinical trial design and clinical decision-making.

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Article

[Impact of rotavirus vaccination in Malawi from 2012 to 2022 compared to model predictions](#)

Virginia E. Pitzer, Latif Ndeketa, Nigel A. Cunliffe

Article 19 Nov 2024

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Volume 154, Issue Supplement 3 November 2024

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Volume 42, Issue 11 November 2024

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Perspective

[A call for research to address the threat of paper mills](#)

Jennifer A. Byrne, Anna Abalkina, Olufolake Akinduro-Aje, Jana Christopher, Sarah E. Eaton, Nitin Joshi, Ulf Scheffler, Nick H. Wise, Jennifer Wright

| published 22 Nov 2024 PLOS Biology

<https://doi.org/10.1371/journal.pbio.3002931>

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[Regional variation in COVID-19 vaccine uptake and intention in Nigeria: A computer assisted telephone survey](#)

Eniola Adetola Bamgboye, Rawlance Ndejjo, Nuole Chen, Rotimi Felix Afolabi, Steven N. Kabwama, Mobolaji M. Salawu, Segun Bello, Ayo Stephen Adebowale, Magbagbeola David Dairo, Lily L. Tsai, Rhoda K. Wanyenze, Olufunmilayo Ibitola Fawole

Research Article | published 21 Nov 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0002895>

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[Seasonal influenza vaccination: Attitudes and practices of healthcare providers in Jordan](#)

Olla Hamdan, Justin Z. Amarin, Molly Potter, Zaid Haddadin, Ahmad Yanis, Yanal Shawareb, Najwa Khuri-Bulos, Randa Haddadin, Natasha B. Halasa, Andrew J. Spieker

Research Article | published 21 Nov 2024 PLOS ONE

<https://doi.org/10.1371/journal.pone.0314224>

[Enhancing childhood immunization coverage in Mozambique and Malawi: Study protocol of a mixed methods evaluation of the 'Let's talk about vaccines' multisite community-based participatory project](#)

Linda Shuro, Emily Lawrence, Lucia Knight, Helen Schneider, Hanani Tabana

Study Protocol | published 20 Nov 2024 PLOS ONE

<https://doi.org/10.1371/journal.pone.0311052>

PLoS Pathogens

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

November 19, 2024 vol. 121 no. 47

<https://www.pnas.org/toc/pnas/121/47>

Editorial November 13, 2024

[**Future scientific innovation requires the transformative power of philanthropy**](#)

Michael W. Nestor, France Córdova, [...] Marcia McNutt

PNAS Nexus

Volume 3, Issue 10, October 2024

<https://academic.oup.com/pnasnexus/issue/3/10>

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Prehospital & Disaster Medicine

Volume 39 - Issue 3 - June 2024

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

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Volume 187 October 2024

<https://www.sciencedirect.com/journal/preventive-medicine/vol/187/suppl/C>

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November 2024 Volume 291 Issue 2034

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Volume 236 Pages 1-472 (November 2024)

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Volume 17, Issue 1-2, April/July 2024

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2024, Vol. 27, No. 1

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Volume 139 Issue 6, November/December 2024

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Volume 34 Issue 13, November 2024

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Volume 20 Issue 4, October 2024

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

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

Latest Articles

20 Nov 2024

[Mapping priority areas for measles surveillance: stratifying reintroduction and transmission risk in Rio de Janeiro, Brazil](#)

Original research | English |

Risk Analysis

Volume 44, Issue 11 Pages: 2517-2754 November 2024

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Risk Management and Healthcare Policy

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

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Science

Volume 386| Issue 6724| 22 Nov 2024

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

Editorial

[Trust edges up—slightly](#)

BY H. Holden Thorp

21 Nov 2024:

The Pew Research Center survey on trust in science and researchers is eagerly awaited every year by science policy experts and communicators. This year's results, released last week, give a small, but meaningful, reason to be optimistic: Trust in scientists, which took a substantial hit during the pandemic, is starting to recover. The survey, conducted in October 2024 with 9593 adults across the United States, estimates that 76% of Americans now have a great deal or fair amount of confidence in scientists to act in the public's best interests. That's a modest uptick from 73% last year and a hopeful sign that the page may be turning on some of the pandemic-era skepticism. Although the increase is barely outside the margin of error, it may mark the end of a troubling 3-year decline. However, the data reveal a persistent problem—a considerable portion of the public continues to harbor negative views of scientists' personal qualities, particularly their communication skills. This reality should be worrisome to the scientific community and drive a collective conversation about rebuilding public confidence...

Science and Engineering Ethics

Volume 30, Issue 6 December 2024

<https://link.springer.com/journal/11948/volumes-and-issues/30-6>

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Science Translational Medicine

Volume 16| Issue 774| 20 Nov 2024

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Social Science & Medicine

Volume 360 November 2024

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[Reviewed earlier]

Systematic Reviews

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

[Accessed 23 Nov 2024]

[No new digest content identified]

Theoretical Medicine and Bioethics

Volume 45, Issue 5 October 2024

<https://link.springer.com/journal/11017/volumes-and-issues/45-5>

[Reviewed earlier]

Travel Medicine and Infectious Diseases

Volume 61 September–October 2024

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/61/suppl/C>

[Reviewed earlier]

Tropical Medicine & International Health

Volume 29, Issue 11 Pages: i-iv, 923-989 November 2024

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

[Reviewed earlier]

Vaccine

Volume 42, Issue 25 14 November 2024

<https://www.sciencedirect.com/journal/vaccine/vol/42/issue/25>

[Reviewed earlier]

Vaccines

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

[Accessed 23 Nov 2024]

Open Access Systematic Review

[Integrated Approaches for the Delivery of Maternal and Child Health Services with Childhood Immunization Programs in Low- and Middle-Income Countries: Systematic Review Update 2011–2020](#)

by Monica P. Shah, Christopher J. Morgan, James G. Beeson, Elizabeth Peach, Jessica Davis, Barbara McPake and Aaron S. Wallace

Vaccines 2024, 12(12), 1313; <https://doi.org/10.3390/vaccines12121313> (registering DOI) - 23 Nov 2024

Abstract

Background: The integration of maternal and child health services (MCH) with routine immunization is an important global health strategy, particularly in low- and middle-income countries (LMICs). However, evidence is lacking regarding the best practices for service integration and the effect of integration [...]

Open Access Article

[How Attribution of COVID-19 Crisis Responsibility Predicts Hong Kong Citizens' Intention to Accept Vaccination](#)

by Ji Won Kim, Qinxian Cai, Lang Kao and Yi-Hui Christine Huang

Vaccines 2024, 12(12), 1305; <https://doi.org/10.3390/vaccines12121305> - 22 Nov 2024

Abstract

Background: This study aims to illuminate the role of perceived crisis responsibility in shaping vaccination intention. By using the case of Hong Kong during the COVID-19 pandemic, we examined whether and how the allocation of crisis responsibility to the government predicts the public's [...]

Open Access Article

[Geospatial Variation in Vaccination Coverage and Zero-Dose Prevalence at the District, Ward and Health Facility Levels Before and After a Measles Vaccination Campaign in Nigeria](#)

by C. Edson Utazi, Iyanuloluwa D. Olowe, H. M. Theophilus Chan, Winfred Dotse-Gborgborts, John Wagai, Jamila A. Umar, Sulaiman Etamesor, Brian Atuhaire, Biyi Fafunmi, Jessica Crawford, Adeyemi Adeniran and Andrew J. Tatem

Vaccines 2024, 12(12), 1299; <https://doi.org/10.3390/vaccines12121299> - 21 Nov 2024

Abstract

Many measles endemic countries with suboptimal coverage levels still rely on vaccination campaigns to fill immunity gaps and boost control efforts. Depending on local epidemiological patterns, national or targeted campaigns are implemented, following which post-campaign coverage surveys (PCCSs) are conducted to evaluate their [\[...\]](#)

Open Access Review

Childhood Mandatory Vaccinations: Current Situation in European Countries and Changes Occurred from 2014 to 2024

by Sara Farina, Alessandra Maio, Maria Rosaria Gualano, Walter Ricciardi and Leonardo Villani
Vaccines 2024, 12(11), 1296; <https://doi.org/10.3390/vaccines12111296> - 20 Nov 2024

Abstract

Background/Objectives: Vaccination is one of the most effective public health interventions, preventing millions of deaths globally each year. However, vaccine hesitancy, driven by misinformation and reduced disease risk perception, has led to declining vaccination rates and the resurgence of vaccine-preventable diseases (VPDs) [\[...\]](#)

Open Access Review

Human Papillomavirus (HPV) Vaccination: Progress, Challenges, and Future Directions in Global Immunization Strategies

by Francesco Branda, Grazia Pavia, Alessandra Ciccozzi, Angela Quirino, Nadia Marascio, Simona Gigliotti, Giovanni Matera, Chiara Romano, Chiara Locci, Ilenia Azzena, Noemi Pascale, Daria Sanna, Marco Casu, Giancarlo Ceccarelli, Massimo Ciccozzi and Fabio Scarpa
Vaccines 2024, 12(11), 1293; <https://doi.org/10.3390/vaccines12111293> - 19 Nov 2024

Abstract

Human papillomavirus (HPV) is a widespread viral pathogen, responsible for a significant burden of cervical and other cancers worldwide. Over the past decades, the development and widespread adoption of prophylactic HPV vaccines have dramatically reduced the incidence of HPV-related diseases. However, despite the [\[...\]](#)

Value in Health

November 2024 Volume 27 Issue 11p1469-1634
<https://www.valueinhealthjournal.com/current>
[Reviewed earlier]

World Development

Volume 183 November 2024
<https://www.sciencedirect.com/journal/world-development/vol/183/suppl/C>
[Reviewed earlier]

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:: [Journal Watch](#)
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Pre-Print Servers

arxiv

<https://arxiv.org/>

[Accessed 23 Nov 2024]

[Filters: Emerging Technologies; Neural and Evolutionary Computing; Computers and Society; Genomics; Neurons and Cognition; Populations and Evolution; Other Quantitative Biology; General Economics]

[arXiv:2411.10486](#) (cross-list from cs.LG) [pdf, html, other]

Artificial Intelligence for Infectious Disease Prediction and Prevention: A Comprehensive Review

Selestine Melchane, Youssef Elmir, Farid Kacimi, Larbi Boubchir

Comments: 31 pages, 5 figures, this manuscript has been accepted for publication in ACTA UNIVERSITATIS SAPIENTIAE, Informatica

Artificial Intelligence (AI) and infectious diseases prediction have recently experienced a common development and advancement. Machine learning (ML) apparition, along with deep learning (DL) emergence, extended many approaches against diseases apparition and their spread. And despite their outstanding results in predicting infectious diseases, conflicts appeared regarding the types of data used and how they can be studied, analyzed, and exploited using various emerging methods. This has led to some ongoing discussions in the field. This research aims not only to provide an overview of what has been accomplished, but also to highlight the difficulties related to the types of data used, and the learning methods applied for each research objective. It categorizes these contributions into three areas: predictions using Public Health Data to prevent the spread of a transmissible disease within a region; predictions using Patients' Medical Data to detect whether a person is infected by a transmissible disease; and predictions using both Public and patient medical data to estimate the extent of disease spread in a population. The paper also critically assesses the potential of AI and outlines its limitations in infectious disease management.

Gates Open Research

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

[Accessed 23 Nov 2024]

[No new digest content identified]

medRxiv

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

[Accessed 23 Nov 2024]

[Filter: All articles]

Bridging the Gap: Identifying Barriers and Strategies for Widespread Implementation of Long-acting Injectable Antiretroviral ART in Sub-Saharan Africa: A Scoping Review

Pierre Gashema, Patrick Gad IRADUKUNDA, Eric SARAMBA, Tumusime MUSAFIRI, Therese UMUHOZA, Felix NDAHIMANA, Angelique INGABIRE, Moise Mukire NDOLI, Gerard MUTAGOMA, Ivan Emil MWIKARAGO, Eric NYIRIMIGABO, Muhayimpundu RIBAKARE, Jean de Dieu HARELIMANA, Enos MOYO, Tafadzwa DZINAMARIRA, Claude Mambo Muvunyi

medRxiv 2024.11.21.24317714; doi: <https://doi.org/10.1101/2024.11.21.24317714>

Safety and Immunogenicity of Fractional Doses of COVID-19 Vaccines among Nigerian Adults- A Randomised Non-Inferiority trial

Abideen Salako, Adesola Musa, Fehintola Anthonia Ige, Adam Abdullahi, James Ayorinde, Sabdat Ekama, Oluwatosin Odubela, Ifeoma Idigbe, Sola Ajibaye, Altaf Mazharul, Kassim Adeneye, Folahanmi Akinsolu, Ifedola Olojo, Azuka Patrick Okwurawe, Henry Eghegbu, Margaret Ekpeyong, Uchenna Elemuwa, Ifeoma Ezenyi, Fraden Bitrus, Olayemi Odubela, Abdulrasheed Oba, Ganiu Idris, Yusuf Jimoh, Abdullahi Garba, Bello Yahya, Musa Babamayi, Ogochukwu Ezejiofor, Benjamin Ejoro, Leah Rosenzweig, Obi Peter Adigwe, Mojisola Adeyeye, Faisal Shuaib, Witold Więcek, Yohhei Hamada, Oliver Ezechi, Ravindra K Gupta, Babatunde Salako

medRxiv 2024.11.21.24317533; doi: <https://doi.org/10.1101/2024.11.21.24317533>

Modelling the influence of changes in vaccination timing, timeliness and coverage on the example of measles outbreaks in the UK between 2010-19

Anne M Suffel, Charlotte Warren-Gash, Helen I McDonald, Adam J Kucharski, Alexis Robert

medRxiv 2024.11.20.24317639; doi: <https://doi.org/10.1101/2024.11.20.24317639>

Ethical review of clinical research with generative AI: Evaluating ChatGPT's accuracy and reproducibility

Yasuko Fukataki, Hayashi Wakako, Nishimoto Naoki, Yoichi M. Ito

medRxiv 2024.11.19.24317555; doi: <https://doi.org/10.1101/2024.11.19.24317555>

This study evaluated the accuracy and reproducibility of ChatGPT models, specifically GPT-4 and GPT-4o, by reviewing Japanese-language clinical research protocols and informed consent forms using Japanese prompts...

Transforming Trade for Vaccine Equity: Policy Gaps and Barriers

Toby Pepperrell, Meri Koivusalo, Liz Grant, Alison McCallum

medRxiv 2024.06.06.24308543; doi: <https://doi.org/10.1101/2024.06.06.24308543> Revision

Abstract

The ongoing Pandemic Agreement negotiations illustrate significant gaps in action required to respond effectively to the lessons of the COVID-19 pandemic and make progress towards public health goals, including Sustainable Development Goals (SDGs). The pandemic revealed vaccine equity as a unifying health need, and international trade as a Commercial Determinant of Health. We explored where policy action could reshape trade relationships, identifying recommendations for vaccine equity within stakeholder literature pertaining to Free Trade Agreements (FTAs).

We searched online libraries for stakeholder documents that focused on the interface between FTAs, vaccination, and vaccine equity published between 01/01/2010-31/03/2022. Our analytic framework drew from the rights, regulation, and redistribution (3R) framework, combined with systems analysis, using leverage points to categorise recommendations as Technical Mechanisms, Collaborative and Adaptive Mechanisms, or Determinants of Vaccine Equity (DVE). These were then located on a novel systems map to elucidate gaps and actions.

No cohesive strategies for change were identified. Technical proposals were reactive, repetitive, and lacked enforcement mechanisms or incentives. There were significant gaps in the articulation of alternative Collaborative Mechanisms to democratise FTA policymaking processes. The underlying DVE and lack of policy coherence were not addressed. These findings are limited by under-representation of low- and middle-income country authorship in the studies, including in ours, reflecting imbalances in international research and policymaking processes.

Overall, our research shows how the current trade paradigm has produced and sustained vaccine inequity. We propose potential pathways for action but highlight the importance and urgency of more fundamental change in negotiation and implementation of FTAs. New technologies will be crucial for the global response to emerging, neglected, and non-communicable diseases that are vaccine-preventable or -modifiable. Multilateral organisations must, therefore, prioritise the right to health above FTAs, including through TRIPS waivers on Essential Technologies.

Immunosenescence profile is associated with increased susceptibility to severe COVID-19

Lucas Haniel A. Ventura, Lícia Torres, Giovanna Caliman Camatta, Jofer Zamame, Monique Macedo Coelho, Cecília Horta Ramalho-Pinto, João Gervazio, Felipe Caixeta, Leandro Nascimento, Mariana Almeida Oliveira, Vinícius Dantas Martins, Marcos Felipe Oliveira, Murilo Soares da Costa, Hugo Itaru Sato, Henrique Cerqueira Guimarães, Rafael Calvão Barbuto, Ana Paula Rocha Veiga, Najara Ataíde, Gabriela Prandi Caetano, Sarah Rangon, Mauro Lúcio O. Júnior, Fernanda Calvo Fortes, Luciana Zuccherato, Elaine Speziali, Olindo Assis Martins-Filho, Verônica Coelho, Roberto Avritchir, Rafael Souza, Marina Ayupe, Caio Loureiro, Maria Eduarda Passos, Ana Clara Mota Neves, Pauline Leite, Santuza Maria Ribeiro Teixeira, Unaí Tupinambas, Liza Figueiredo Felicori, Gabriela Silveira-Nunes, Tatiani Uceli Maioli, Denise Moraes Fonseca, Andrea Teixeira-Carvalho, Ana Maria Caetano Faria medRxiv 2024.11.18.24317502; doi: <https://doi.org/10.1101/2024.11.18.24317502>

Assessment of Vaccine Managers' Knowledge and Observance of Vaccination Norms and Standards in an Urban Health District of Yaounde (Cameroon) during the COVID-19 Pandemic

Fabrice Zobel Lekeumo Cheuyem, Adidja Amani, Brian Ngongheh Ajong, Raissa Katy Noa Otsali, Ariane Nouko, Edwige Omona Guissana, Christelle Sandrine Ngos, Adama Mohamadou, Guy Stephane Nloga, Michel Franck Edzamba, Esther Andriane Bitye Bi Mvondo, Larissa Linda Eyenga Ntsek, Christian Mouangue, Florence Kissougle Nkongo medRxiv 2024.11.07.24316922; doi: <https://doi.org/10.1101/2024.11.07.24316922> Revision

OSF Pre-prints

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

[Provider Filter: OSF Pre-prints Subject filters: Medicine and Health Sciences Format Filter: Pre-
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Wellcome Open Research

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

[Accessed 23 Nov 2024]

Study Protocol/Open Access

REVISED - Protocol of the Nutritional, Psychosocial, and Environmental Determinants of Neurodevelopment and Child Mental Health (COINCIDE) study

[version 2; peer review: 1 approved, 1 approved with reservations]

Eunice Lobo, et al. COINCIDE consortium

Abstract

Background

Over 250 million children are developing sub-optimally due to their exposure to early life adversities. While previous studies have examined the independent effects of nutritional status, psychosocial adversities, and environmental pollutants on children's outcomes, little is known about their interaction and cumulative effects.

Objectives

This study aims to investigate the independent, interaction, and cumulative effects of nutritional, psychosocial, and environmental factors on children's cognitive development and mental health in urban and rural India. It also seeks to explain pathways leading to inequities in child outcomes at the individual, household, and neighbourhood levels.

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Think Tanks

Brookings [to 23 Nov 2024]
<http://www.brookings.edu/Research>
No new digest content identified.

Center for Global Development [to 23 Nov 2024]
<https://www.cgdev.org/>
All Research
No new digest content identified.

Chatham House [to 23 Nov 2024]
<https://www.chathamhouse.org/>
Selected Analysis, Comment, Events
No new digest content identified.

Council on Foreign Relations [to 23 Nov 2024]
<https://www.cfr.org/media/news-releases>
New Releases [Selected]
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CSIS [to 23 Nov 2024]
<https://www.csis.org/>
Reports [Selected]
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Kaiser Family Foundation [to 23 Nov 2024]
https://www.kff.org/search/?post_type=press-release
Newsroom
No new digest content identified.

McKinsey Global Institute [to 23 Nov 2024]
<https://www.mckinsey.com/mgi/overview>
Latest Research
No new digest content identified.

ODI [Overseas Development Institute] [to 23 Nov 2024]
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Publications [Selected]
No new digest content identified.

Pew Research Center [to 23 Nov 2024]
<https://www.pewresearch.org/>
Latest Publications [Selected]
short reads Nov 19, 2024

60% of Americans say they probably won't get an updated COVID-19 vaccine

Democrats and those who lean to the Democratic Party are more likely than Republicans and Republican leaners to say they will get an updated COVID-19 vaccine.

Rand [to 23 Nov 2024]

<https://www.rand.org/pubs.html>

Published Research [Selected]

No new digest content identified.

Urban Institute [to 23 Nov 2024]

<https://www.urban.org/publications>

New Research Publications - Selected

World Economic Forum [to 23 Nov 2024]

<https://agenda.weforum.org/press/>

Media [Selected]

No new digest content identified.

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Public Consultations/Call for Inputs/Call for Papers

Request for Information (RFI): To Inform the Development of the 2026-2030 National HIV/AIDS Strategy and the National Strategic Plans for Sexually Transmitted Infections, Vaccines, and Viral Hepatitis

US Health and Human Services Department - 10/07/2024 **Comment period ends December 6, 2024.**

Online public consultation on the draft WHO guidance on the ethics of health research priority setting

WHO 6 November 2024

Deadline for submission: 1st December 2024 [11:59pm on Sunday, , Central European Time (GMT/UHC +1)]

Call for consultation

This guidance on the ethics of health research priority setting has been produced by the WHO Health Ethics and Governance Unit. The Unit convened a small expert writing group¹, which was tasked with consulting widely with stakeholder groups globally in drafting the guidance. The document aligns to the Unit's commitment to promoting ethical research and responds to calls for greater equity in health research globally.

Decisions about the allocation of resources for health research are matters of ethical concern, since who is ultimately likely to benefit from future research depends on which populations, conditions, and modalities are prioritized. The draft document circulated in this consultation aims to provide guidance for incorporating ethical considerations into health research priority setting. Such guidance is intended to supplement existing technical guidance by detailing explicit and systematic ethical principles for priority setting. Going forward, the aim is also to incorporate key elements of this guidance into relevant technical and policy guidance.

This document is intended to be relevant to everyone who engages in decisions about which health research to conduct, including individual researchers and patients, as well as funders and government

agencies. We are particularly cognizant that those with responsibility for research agendas and priority setting exercises may benefit from this guidance.

Objective of the consultation

The goal of this online, open public consultation is to gather feedback from stakeholders on the draft WHO guidance on the ethics of health research priority setting. Comments are invited in particular on overall clarity, usability, and any gaps in the ethical considerations developed in the document.

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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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Support for this service is provided by the [Bill & Melinda Gates Foundation](#); the [Bill & Melinda Gates Medical Research Institute](#), and industry resource members Janssen/J&J, Pfizer, Sanofi US, and Takeda, (list in formation).

Support is also provided by a growing list of individuals who use this membership service to support their roles in public health, clinical practice, government, NGOs and other international institutions, academia and research organizations, and industry.

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