



Vaccines and Global Health: The Week in Review
26 April 2025 :: Issue 795
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

David R. Curry, MS

Editor and

Executive Director Center for Vaccine Ethics & Policy

david.r.curry@centerforvaccineethicsandpolicy.org

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Milestones, Perspectives

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Increases in vaccine-preventable disease outbreaks threaten years of progress, warn WHO, UNICEF, Gavi

Agencies call for sustained investments in immunization efforts amidst looming funding cuts
News release, 24 April 2025 Geneva, Switzerland; New York, United States of America

Immunization efforts are under growing threat as misinformation, population growth, humanitarian crises and funding cuts jeopardize progress and leave millions of children, adolescents and adults at risk, warn WHO, UNICEF, and Gavi during World Immunization Week, 24–30 April.

Outbreaks of vaccine-preventable diseases such as measles, meningitis and yellow fever are rising globally, and diseases like diphtheria, that have long been held at bay or virtually disappeared in many countries, are at risk of re-emerging. In response, **the agencies are calling for urgent and sustained political attention and investment to strengthen immunization programmes and protect significant progress achieved in reducing child mortality over the past 50 years.**

“Vaccines have saved more than 150 million lives over the past five decades,” said WHO Director-General, Dr Tedros Adhanom Ghebreyesus. “Funding cuts to global health have put these hard-won gains in jeopardy. Outbreaks of vaccine-preventable diseases are increasing around the world, putting lives at risk and exposing countries to increased costs in treating diseases and responding to outbreaks. **Countries with limited resources must invest in the highest-impact interventions – and that includes vaccines.”...**

Call to action

UNICEF, WHO, and Gavi urgently call for parents, the public, and politicians to strengthen support for immunization. The agencies emphasize the need for sustained investment in vaccines and immunization programmes and urge countries to honour their commitments to the Immunization Agenda 2030 (IA2030).

As part of integrated primary health-care systems, vaccination can protect against diseases and connect families to other essential care, such as antenatal care, nutrition or malaria screening. Immunization is a ‘best buy’ in health with a return on investment of \$54 for every dollar invested and provides a foundation for future prosperity and health security.

“Increasing outbreaks of highly infectious diseases are a concern for the whole world. The good news is we can fight back, and Gavi’s next strategic period has a clear plan to bolster our defences by expanding investments in global vaccine stockpiles and rolling out targeted preventive vaccination in countries most impacted by meningitis, yellow fever and measles,” said **Dr Sania Nishtar, CEO of Gavi, the Vaccine Alliance.** **“These vital activities, however, will be at risk if Gavi is not fully funded for the next five years and we call on our donors to support our mission** in the interests of keeping everyone, everywhere, safer from preventable diseases.”

Gavi’s upcoming high-level pledging summit taking place on 25 June 2025 seeks to raise at least US\$ 9 billion from our donors to fund our ambitious strategy to protect 500 million children, saving at least 8 million lives from 2026–2030.

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**Editor's Note:**

The Gavi news release below was issued on 24 April 2025, the same date of the joint release from WHO, UNICEF and Gavi above. We are reflecting on the respective messaging.

Vaccination progress helps save millions of lives in African region*Gavi Press Release*

Brazzaville / Geneva, 24 April 2025 – An increase in vaccine coverage in Africa is helping protect millions of people from life-threatening diseases such as measles, polio and cervical cancer. In 2023, vaccination saved at least 1.8 million lives in the African region, nearly half the global figure of 4.2 million. These advancements have been possible thanks to government efforts and the support from partners including Gavi, the Vaccine Alliance (Gavi), UNICEF, World Health Organization (WHO) and others.

More than 5 million 'zero-dose' children – children who have not received a single dose of an essential routine vaccine – in the African region have been vaccinated since 2024 through the "Big Catch-Up" initiative launched in 2023 in 20 priority countries, protecting communities from vaccine-preventable outbreaks, saving children's lives and strengthening national health systems.

Despite a growing birth cohort between 2022 and 2023, the African region recorded a two-percentage-point increase in the diphtheria-tetanus-pertussis (DTP3) immunization coverage among one-year-olds, from 72% to 74%, an important sign of recovery in routine immunization services post-COVID-19. This progress means that amid a rising number of births, governments are vaccinating more children each year than ever before. Notable gains were seen in Cameroon, Chad, Côte d'Ivoire, Ethiopia, Madagascar, Malawi, Mozambique and Uganda.

In addition, more girls than ever are being protected against cervical cancer, a disease that kills a woman every two minutes worldwide. Human papillomavirus (HPV) vaccination coverage (one dose) has increased to 40% in 2023 up from 28% the year before – making Africa the region with the second highest coverage rate globally, empowering millions of girls to fulfil their potential.

Africa has also made tremendous progress in the fight against polio, recording a 93% decline in circulating variant poliovirus type 1 cases from 2023 to 2024 and a 65% decrease in variant poliovirus type 1 cases in just the past year.

This year, the World Immunization Week and African Vaccination Week, which is being marked under the theme Immunization For All is Humanly Possible, aims to promote the life-saving power of immunization to protect people of all ages against vaccine-preventable diseases.

"We have made great progress in expanding vaccination and saving lives, thanks to the dedication of governments and partners. But we still have more ground to cover. We must sustain and expand these life-saving efforts to build a stronger, healthier future for all," said Dr Chikwe Ihekweazu, Acting WHO Regional Director for Africa.

Despite the progress, challenges persist in reaching children in the region. One in four children remain under-vaccinated (missing out on key routine vaccines) and one out of five children are unvaccinated, with many countries facing recurring outbreaks, particularly of measles – a highly contagious and potentially fatal disease. These gaps, which leave the region vulnerable, can be attributed to persistent barriers including limited access to healthcare in remote areas often due to conflict and instability, logistical and cold chain constraints, vaccine hesitancy driven by misinformation, and insufficient

funding for immunization programmes. These challenges are further compounded by disruptions caused by public health emergencies.

"The progress seen across African countries – bolstered by an unprecedented record of co-financing toward vaccine programmes in 2024 by African governments – demonstrates the tangible impact of sustained commitment," said Thabani Maphosa, Chief Country Delivery Officer at Gavi, the Vaccine Alliance. "However, this momentum must not stall. Conflict, population growth, displacement, and natural disasters are creating ideal conditions for outbreaks to emerge and spread. Investing in immunization and securing sufficient funding for Gavi to carry out its mission over the next five years is essential to protect our collective future."

Building on the gains in Africa, Gavi has launched an ambitious five-year strategy, 'Gavi 6.0' which is anchored on three key pillars: protecting the world against pandemics and disease outbreaks; protecting people by vaccinating more children against more diseases than ever before – including reaching 50 million children with the malaria vaccine by 2030; and protecting communities by reducing the number of zero-dose children. A successful replenishment for Gavi will enable the Vaccine Alliance – a coalition of partners that includes 39 African governments – to implement this impactful 6.0 strategy and will enable countries to protect and advance the progress that has been made to date. Full engagement across the Alliance to obtain the necessary funding over the next few months will be critical. 2025 also marks the mid-point of the Immunization Agenda 2030, which aims to prevent diseases, promote equity and build strong immunization programmes.

To achieve these goals, African governments and partners are encouraged to accelerate progress towards reducing zero-dose children, increasing routine immunisation coverage, accelerating malaria vaccine introductions and expanding access to HPV vaccines. Maintaining the progress achieved in immunization over the years will also require regional commitment to implement key strategies.

These include increasing investment in health systems and infrastructure for effective vaccine delivery; enhancing surveillance systems to respond swiftly to outbreaks; addressing vaccine hesitancy and misinformation; bolstering domestic funding for immunization programmes; increasing the use of innovation and technology for better vaccine delivery; and investing in research and development for vaccine development.

In 2024, Gavi and partners launched the African Vaccine Manufacturing Accelerator (AVMA), a financing mechanism established to make up to US\$ 1.2 billion available over ten years to accelerate the expansion of commercially viable vaccine manufacturing in Africa. Two new collaborations under this initiative were signed earlier this year, in a positive step towards enhanced regional health security.

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World Malaria Day

WHO calls for revitalized efforts to end malaria

Strong global collaboration has been critical in saving nearly 13 million lives since 2000
24 April 2025 News release Geneva

On World Malaria Day, the **World Health Organization (WHO) is calling for revitalized efforts at all levels, from global policy to community action, to accelerate progress towards malaria elimination.**

In the late 1990s, world leaders laid the foundation for remarkable progress in global malaria control, including preventing more than 2 billion cases of malaria and nearly 13 million deaths since 2000. To date, WHO has certified 45 countries and 1 territory as malaria-free, and many countries with a low burden of malaria continue to move steadily towards the goal of elimination. Of the remaining 83 malaria-endemic countries, 25 reported fewer than 10 cases of the disease in 2023...

"The history of malaria teaches us a harsh lesson: when we divert our attention, the disease resurges, taking its greatest toll on the most vulnerable," said WHO Director-General Dr Tedros Adhanom Ghebreyesus. "But the same history also shows us what's possible: with strong political commitment, sustained investment, multisectoral action and community engagement, malaria can be defeated."

...On World Malaria Day, Mali will join 19 other African countries in introducing malaria vaccines—a vital step towards protecting young children from one of the continent's most deadly diseases. The large-scale rollout of malaria vaccines in Africa is expected to save tens of thousands of young lives every year.

Meanwhile, **the expanded use of a new generation of insecticide-treated nets is poised to lower the disease burden.** According to the latest World malaria report, these new nets—which have greater impact against malaria than the standard pyrethroid-only nets—accounted for nearly 80% of all nets delivered in sub-Saharan Africa in 2023, up from 59% the previous year.

Progress against malaria under threat

Despite significant gains, **malaria remains a major public health challenge, with nearly 600 000 lives lost to the disease in 2023 alone. The African Region is hardest hit, shouldering an estimated 95% of the malaria burden each year.**

In many areas, **progress has been hampered by fragile health systems and rising threats such as drug and insecticide resistance.** Many at-risk groups continue to miss out on the services they need to prevent, detect and treat malaria. Climate change, conflict, poverty and population displacement are compounding these challenges.

WHO recently warned that the 2025 funding cuts could further derail progress in many endemic countries, putting millions of additional lives at risk. Of the 64 WHO Country Offices in malaria-endemic countries that took part in a recent WHO stock take assessment, more than half reported moderate or severe disruptions to malaria services.

Renewed call to protect hard-won gains

World Malaria Day 2025 - under the theme, "Malaria ends with us: reinvest, reimagine, reignite" - is calling for stepped up political and financial commitment to protect the hard-won gains against malaria.

To reinvest, **WHO joins partners and civil society in calling on malaria-endemic countries to boost domestic spending, particularly in primary health care, so that all at-risk populations can access the services they need** to prevent, detect and treat malaria. The successful replenishments of the Global Fund and Gavi, the Vaccine Alliance, are also critical to financing malaria programmes and interventions, and accelerating progress towards the targets set in the WHO Global technical strategy for malaria 2016-2030...

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World Vaccine Congress

[World Vaccine Congress Washington 2025 Recap: Urgent Calls for Trust, Tech, and Global Access](#)

GeneOnline, April 25, 2025 by Steven Chung

The World Vaccine Congress Washington 2025 was held from **April 21 to 24 in Washington, D.C.** It was drawing to a successful close after bringing together leading experts in vaccine research and manufacturing, along with stakeholders from across the biotech industry and innovative startups. The conference offered a comprehensive academic and business platform. It features themes ranging from clinical trials, bioprocessing, vaccine safety and supply chain logistics, to antimicrobial resistance, global health, and biodefense.

Global Biotech Leaders Unite to Drive Vaccine Innovation

A key focus of this year's forum was on strategies to meet the ambitious "100 Days Mission" — rapidly developing and reviewing vaccine prototypes within a 100-day window.

Discussions explored next-generation mRNA platforms for indications such as respiratory syncytial virus (RSV), influenza, and HIV. Innovative delivery technologies. This includes virus-like particle (VLP) vaccines and microneedle patches, also garnered significant attention, with the aim of reducing cold-chain dependence and improving vaccine accessibility.

Pfizer highlighted its supply chain strategies and process optimization initiatives under the "100 Days Mission" theme. It emphasizes its capacity for rapid scale-up and global distribution. GlaxoSmithKline (GSK) shared the latest developments in its protein subunit vaccines and novel adjuvants, underscoring a science-driven innovation model. AstraZeneca presented plans for its multivalent tumor immunotherapy vaccines currently in clinical development.

Confronting Challenges: Rebuilding Trust and Strengthening Collaboration

On the evening of April 22, a spokesperson from the U.S. Department of Health and Human Services (HHS) stated that no final decision had been made. It regards the removal of COVID-19 vaccines from the recommended immunization schedule for children.

Earlier that morning, Dr. Gregory A. Poland, Chair of the World Vaccine Congress and Director of the Vaccine Research Group at Mayo Clinic, addressed the assembly with a warning:

"Today, we face the great unraveling — an anti-science regression back toward a world we thought we had left behind, where vaccine-preventable diseases remain and return, fueled by misinformation, mistrust, and denial."

Global Collaboration and Access Lead the Fight Against Future Pandemics

The congress also featured keynote addresses from academic and nonprofit leaders, including those from the **International AIDS Vaccine Initiative (IAVI)**. **It emphasizes the importance of long-term investment and equitable global access to vaccines.** Attendees widely agreed that accelerating clinical review timelines and harmonizing regulatory standards are essential to ensuring that scientific advances in vaccines reach populations around the world in a timely manner.

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ODA Reductions/Funding Freezes/Contracts-Grants Terminations

[What MSF teams see after first 100 days of US aid budget cuts](#)

Press Release 25 Apr 2025

[Excerpts]

Snapshot: How US aid cuts are impacting people worldwide

... **HIV:** Cuts to PEPFAR and USAID have led to suspensions and closures of HIV programmes in countries including South Africa, Uganda, and Zimbabwe — threatening the lives of people receiving antiretroviral (ARV) therapy. South Africa's pioneering Treatment Action Campaign — which helped transform the country's response to HIV/AIDS — has had to drastically reduce its community-led monitoring system that helps ensure that people stay on treatment. The monitoring is now only happening at a small scale at clinics. In MSF's programme in San Pedro Sula, Honduras, there has been a 70% increase in pre-exposure prophylaxis (PrEP) tablet distribution from January to March compared to the previous quarter, as well as an increase of 30% in consultations for health services, including for HIV — highlighting the growing demand as USAID funding cuts reduce access to other HIV prevention services.

Outbreaks: In the border regions across South Sudan and Ethiopia, MSF teams are responding to a rampant cholera outbreak amid escalating violence — while other organisations have scaled down their presence. According to our teams, a number of organisations, including Save the Children, have suspended mobile clinic activities in South Sudan's Akobo County due to US aid cuts. Save the Children reported earlier this month that at least five children and three adults with cholera died while making the long, hot trek to seek treatment in this part of South Sudan. With the withdrawal of these organisations, local health authorities are now facing significant limitations in their ability to respond effectively to the outbreak. MSF has warned that the disruption of mobile services, combined with the reduced capacity of other actors to support oral vaccination campaigns, increases the risk of preventable deaths and the continued spread of this highly infectious disease.

Sexual and reproductive healthcare: MSF teams in more than 20 countries have reported concerns with disrupted or suspended sexual and reproductive health programmes, which MSF relies on for referrals for medical emergencies, supplies, and technical partnerships. These include contexts with already high levels of maternal and infant mortality. In Cox's Bazar, Bangladesh — home to one of the world's largest refugee camps — MSF teams report that other implementers are not able to provide supplies, like emergency birth kits and contraceptives. Referrals for medical emergencies, like post-abortion care, have also been disrupted, increasing urgent needs for sexual and reproductive care in the region...

Vaccination: The reported decision by the US to cut funding to Gavi (The Vaccine Alliance) could have disastrous consequences for children across the globe. The organisation estimated that the loss of US support is projected to deny approximately 75 million children routine vaccinations in the next five years, with more than 1.2 million children potentially dying as a result. Worldwide, more than half of the vaccines MSF uses come from local ministries of health and are procured through Gavi. We could see the impacts in places like the Democratic Republic of the Congo (DRC), where MSF vaccinates more children than anywhere else in the world. In 2023 alone, MSF vaccinated more than 2 million people in DRC against diseases like measles and cholera...

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Vaccine Disinformation

Amid Growing Measles Outbreak, More Americans Are Encountering False Claims About the Measles Vaccine, and Many Aren't Sure What to Believe

Parents Who Lean Toward Believing False Claims about Measles are Less Likely to Keep Their Children Up to Date on Routine Vaccinations

Kaiser Family Foundation

Newsroom

April 23, 2025 *News Release*

With health officials reporting 800 measles cases in multiple states already this year, **most of the public – and most parents – report hearing at least one false claim about measles or the vaccine for it, and many of them aren’t sure what to believe**, the latest [KFF Tracking Poll](#) on Health Information and Trust finds.

The poll gauges whether the public has heard, and whether they believe, three false statements related to measles circulating amid the outbreak, some of which have been amplified by Health and Human Services Secretary Robert F. Kennedy Jr.: that the measles, mumps and rubella (MMR) vaccines have been proven to cause autism in children, that getting the measles vaccine is more dangerous than becoming infected with measles, and that vitamin A can prevent measles infections.

Fewer than 5% of adults say that each of the three claims is “definitely true,” and fewer than half say each is “definitely false.” That leaves at least half of people expressing some uncertainty about whether to believe each claim, describing each as either “probably true” or “probably false.”

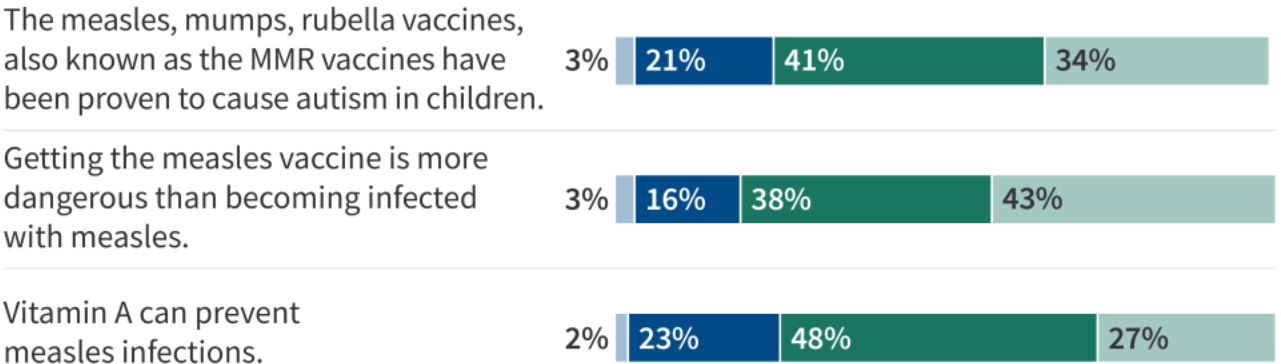
Despite the prevalence of false claims about the vaccines, large majorities of adults (83%) and of parents (78%) say they are very or somewhat confident that the vaccines for measles, mumps and rubella are safe.

At Least Half of the Public are Uncertain When it Comes to False Claims About Measles, Saying Such Claims are Either Probably True or Probably False

Do you think each of the following is:

■ Definitely true ■ Probably true ■ Probably false ■ Definitely false

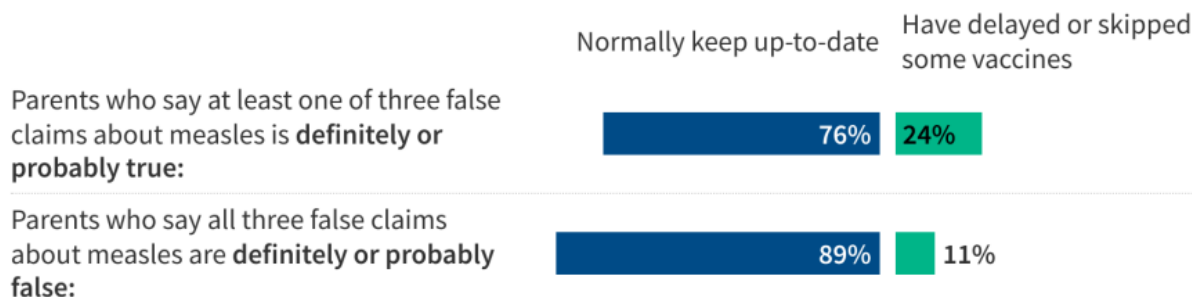
False claims about measles and vaccines



Note: See topline for full question wording.
Source: KFF Tracking Poll on Health Information and Trust (April 8-15, 2025)

Parents Who Say False Claims About Measles are Definitely or Probably True are More Likely To Have Skipped Some Recommended Vaccines for Their Child

Do you normally keep your children up-to-date with recommended childhood vaccines such as the MMR vaccine, or have you ever delayed or skipped some childhood vaccines for your children?



Note: Among parents or guardians of a child under the age of 18 living in their household. See topline for full question wording.

► False claims about measles details

Source: KFF Tracking Poll on Health Information and Trust (April 8-15, 2025)

KFF

Confidence in the vaccines is higher among Democrats (96%) and Democratic-leaning parents (95%) than among Republicans (79%) and especially Republican-leaning parents (69%), of whom 31% say they are not confident in the safety of the vaccines.

Other findings include:

:: About half (51%) of the public says that they are at least somewhat worried about the ongoing measles outbreak. Concern is highest among Democrats (76%), Hispanic adults (62%) and Black adults (61%).

:: Most adults (56%) and about half of parents (48%) are aware that there are more measles cases in the U.S. than in recent years. There are large partisan differences, with Democrats (71%) and Democratic-leaning parents (64%) much more likely than Republicans (49%) and Republican-leaning parents (37%) to know measles cases are higher this year...

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Cholera

Multi-country outbreak of cholera



External Situation Report n. 25, published 22 April 2025

Cases – 116 574
Since Jan. 2025

Deaths – 1514
Since Jan. 2025

Countries affected – 25
Since Jan. 2025

Population at risk
1 billion

Global risk –
Very high

[Multi-country outbreak of cholera, external situation report #25 -22 April 2025](#)

Overview

Data as of 30 March 2025

:: In March 2025 (epidemiological weeks 10 to 13), a total of 32 985 new cholera and / or acute watery diarrhoea (AWD) cases were reported from 22 countries, territories, and areas (hereafter countries) across three WHO regions, reflecting a 9% decrease from February. The African Region registered the highest number of cases, followed by the Eastern Mediterranean Region and the South-East Asia

Region. The period also saw 517 cholera-related deaths globally, highlighting an 8% decrease from the previous month.

:: While the seasonal decline in transmission during winter months may partly explain the reduction in case numbers in some regions, the overall cholera data remains incomplete due to underreporting and reporting delays. Additionally, extreme weather events and conflict, such as the ongoing insecurity in the Democratic Republic of the Congo, have resulted in low or no reporting from some areas. Given these complexities, the data presented here likely underestimates the true burden of cholera and should be interpreted with caution.

:: Since the last report, new cholera outbreaks have been reported in Kenya and Namibia. Since January 2025, 25 countries have reported cholera / AWD outbreaks, most of which are continuations from the previous year.

:: Conflict, mass displacement, disasters from natural hazards, 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 factors have made cholera outbreaks increasingly complex and harder to control. • From 1 January to 30 March 2025, a cumulative total of 116 574 cholera cases and 1514 deaths were reported from 25 countries across three WHO regions, with the African Region recording the highest numbers, followed by the Eastern Mediterranean Region and the South-East Asia Region.

:: In March, the average stockpile of Oral Cholera Vaccine (OCV) stabilized at 5.2 million doses, the fourth consecutive month above the five million needed for emergency stockpile at all times. However, **growing global demand continues to exceed supply,** hindering efforts to control cholera outbreaks, respond rapidly to the disease's spread, and implement preventative campaigns...

... Vaccination

:: The global OCV stockpile averaged 5.2 million doses in March, with only one week below the target of five million doses that should be available at all times for outbreak response.

:: Eighteen new emergency requests were submitted in the three first months of 2025 – compared to three in 2024 – by Angola (2), the Democratic Republic of the Congo (2), Ethiopia, Ghana (4), Myanmar, Nigeria, South Sudan (5), and Sudan (2) collectively seeking 18 million doses for single round campaigns (compared to eight million in 2024). Seventeen requests were approved, while one was not approved by the International Coordinating Group (ICG) on Vaccine Provision.

:: Since the start of 2025, 13 countries (Angola, Bangladesh, Ethiopia, Ghana, Haiti, Malawi, Mozambique, Myanmar, Niger, Nigeria, South Sudan, Sudan and Zambia) **have conducted 24 reactive vaccination campaigns, including five carried out with leftover doses,** targeting a total of 13 million people. Due to limited vaccine availability, only single-dose vaccination campaigns have been approved and implemented.

:: Despite these efforts, the growing demand for OCV continues to exceed supply, severely constraining preventive vaccination campaigns. Urgent expansion of vaccine production remains critical.

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Polio – PHEIC

Polio this week – 23 April 2025

Headlines

:: Last week, Ministers of Health from Cameroon, the Central African Republic, Chad, Niger and Nigeria launched a synchronized regional polio vaccination campaign, in a renewed effort to stop spread of cVDPV2 in the Lake Chad Basin. [Read more...](#)

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

- Afghanistan: one WPV1 case and one WPV1-positive environmental sample
- Ethiopia: three cVDPV2 cases
- Nigeria: one cVDPV2 case

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mPox – PHEIC

No new digest content identified.

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WHO & Regional Offices [to 26 Apr 2025]

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

Selected News/Announcements/Statements

24 April 2025 *News release*

[WHO calls for revitalized efforts to end malaria](#)

24 April 2025 *News release*

[Increases in vaccine-preventable disease outbreaks threaten years of progress, warn WHO, UNICEF, Gavi](#)

23 April 2025 *Medical product alert*

[Medical Product Alert N°2/2025: Falsified HEALMOXY \(Amoxicillin\) Capsules 500mg](#)

23 April 2025 *News release*

[WHO releases new guideline to prevent adolescent pregnancies and improve girls' health](#)

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WHO Regional Offices

Selected Press Releases, Announcements

[WHO African Region AFRO](#)

:: 25 April 2025

[Mali pioneers novel hybrid vaccine delivery approach to combat malaria](#)

- *On World Malaria Day, Mali becomes the 20th African country to introduce the malaria vaccine*
- *Mali had 3.1% (8.15 million) of global malaria cases and 2.4% (14, 328) of global malaria deaths in 2023, and it was one of the 11 countries with the highest burden of malaria globally*

- *The hybrid approach will see children in Mali receive the first three doses based on age, with the fourth and fifth doses administered seasonally ahead of the high malaria transmission season*

:: 24 April 2025

Vaccination progress helps save millions of lives in African region

WHO Region of the Americas PAHO

:: 25 Apr 2025

PAHO urges expanded access to malaria diagnosis and treatment to accelerate elimination in the Americas

Washington, D.C., April 25, 2025 (PAHO) – On World Malaria Day, the Pan American Health Organization (PAHO) calls on countries to strengthen efforts and revitalize strategies to accelerate progress toward malaria elimination in the Region of the Americas. Although countries in the region have made significant progress in the fight against...

:: 24 Apr 2025

Recent outbreaks in the Americas underscore need to urgently address immunization gaps, PAHO Director says

Over 66 million vaccine doses to be administered during Vaccination Week in the Americas, including 2.7 million doses of measles-containing vaccine

Washington D.C., 24 April 2025 (PAHO) – As countries in the Americas confront outbreaks of vaccine-preventable diseases such as measles and yellow fever, Pan American Health Organization (PAHO) Director...

:: 22 Apr 2025

PAHO and CAF sign agreement to strengthen malaria response in Amazon border regions

Washington D.C. April 22, 2025 – The Pan American Health Organization (PAHO) and CAF Development Bank of Latin America and the Caribbean (CAF) signed a Memorandum of Understanding today to strengthen malaria control activities in Amazon border regions of countries of the Americas. The aim of the agreement is to address some of the main barriers to...

WHO South-East Asia Region SEARO

:: 25 April 2025 *Statement*

World Malaria Day 2025: 'Malaria Ends with Us: Reinvest, Reimagine, Reignite'

:: 24 April 2025 *Statement*

World Immunization Week 2025

WHO European Region EURO

No new digest content identified.

WHO Eastern Mediterranean Region EMRO

:: **World Malaria Day 2025**

25 April 2025

WHO and Pakistan warn climate change is worsening malaria amid 2 million annual cases

24 April 2025

Somalia launches lifesaving vaccines to prevent pneumonia and diarrhoea in children

23 April 2025

Laila's journey: crossing rivers and fields to vaccinate every child

23 April 2025

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 #25 -22 April 2025](#)

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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.

[26 April 2025 | Sudan virus disease - Uganda](#)

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Weekly Epidemiological Record

Vol. 100, Nos. 16-17, pp. 131–144 18 April 2025

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

:: Impact of using the Epidemic Intelligence from Open Sources (EIOS) system for early detection of public health threats in the Americas

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New WHO Publications

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

Selected

23 April 2025

[WHO consolidated operational handbook on tuberculosis: module 4: treatment and care](#)

22 April 2025

[WHO guideline on preventing early pregnancy and poor reproductive outcomes among adolescents in low-...](#)

22 April 2025

[WHO guideline on preventing early pregnancy and poor reproductive outcomes among adolescents in low-...](#)

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USA – HHS, FDA, CDC+

Editor's Note:

We employ bolded red text below to identify observations we assess might be useful to readers.

HHS

News

No new digest content identified.

NIH [to 26 Apr 2025]

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

News Releases

No new digest content identified.

FDA

Press Announcements

No new digest content identified.

FDA VRBPAC

Advisory Committee Calendar

The Advisory Committee calendar does not list any future scheduled meetings of VRBPAC. One other advisory committee meeting has been added to the overall calendar in the last week.

CDC/ACIP [U.S.] [to 26 Apr 2025]

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

Latest News

No new digest content identified.

ACIP Meetings [to 26 Apr 2025]

Next ACIP Meetings

:: June 25-26

:: October 22-23

National Vaccine Program

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

Upcoming Meetings/Latest Updates

No 2025 meeting dates posted.

MMWR Weekly

<https://www.cdc.gov/mmwr/index2025.html>

April 24, 2025 / No. 14

[PDF of this issue](#)

:: Measles Update — United States, January 1–April 17, 2025

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Europe

European Centre for Disease Prevention and Control

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

News/Updates/Reports/Publications [Selected]

News

European Immunization Week 2025: Closing vaccination gaps, reaching every community

25 Apr 2025

Marking European Immunization Week (EIW) 2025, ECDC highlights the risks of suboptimal vaccination coverage in Europe and publishes a set of operational tools that public health authorities can use to improve vaccination acceptance and uptake. The tenfold surge of reported measles cases and the detection of vaccine-derived poliovirus in four European Union and European Economic Area (EU/EEA) countries in 2024 are two clear signals of the need to achieve and maintain high immunisation coverage to protect European populations.

Making the next five years count: Europe not on track to reach 2030 Sustainable Development Goal targets on HIV, TB, viral hepatitis B and C and STIs

23 Apr 2025

European Medicines Agency [EMA]

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

News & Press Releases

No new digest content identified.

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Africa CDC [to 26 Apr 2025]

<https://africacdc.org/>

Press Releases, Statements [Selected]

Press Releases

Angola Commits USD 5 Million to Africa CDC, Championing Africa-Led Health Financing Strategy

23 April 2025

.....

China CDC+

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

National Health Commission of the People's Republic of China [to 26 Apr 2025]

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

News

National Health Commission Firmly Opposes White House Website Rehashing of the "Lab Leak" Allegation

Updated: 2025-04-23 | National Health Commission

In responding to a recent article on the White House website titled "Lab Leak: The True Origins of COVID-19," the spokesperson of the National Health Commission stated that like previous U.S. allegations of "Wuhan lab leak," the so-called rationale of the article completely lacks scientific basis, and the "evidence" is entirely fabricated. The U.S.'s repeated attempts to blame and smear China on the issue of the origins of SARS-CoV-2 only expose its malicious intent to politicize scientific issues, a practice long dismissed by the international scientific community. Its agenda to use the pandemic as a tool to contain China is doomed to fail. As growing information and evidence show that SARS-CoV-2 emerged in the U.S. at an even earlier date, the next phase of origin-tracing should be conducted in the U.S. We urge the U.S. to immediately cease its baseless accusations and smear campaign against China, be accountable for its own problem, and provide a credible, responsible explanation to the international community and people worldwide.

National Medical Products Administration – PRC [to 26 Apr 2025]

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

News

No new digest content identified.

China CDC

CCDC Weekly Reports: Current Volume (7)

2025-04-25 / No. 17 WORLD IMMUNIZATION WEEK ISSUE

[PDF of this issue](#)

- [Vital Surveillances: Vaccination Status and Incidences of Measles, Mumps, and Rubella — Worldwide, 2014–2023](#)
- [Vital Surveillances: Epidemiological and Clinical Features of Meningococcal Meningitis in Infants — China, 2006–2023](#)
- [Vital Surveillances: Post-Marketing Surveillance of Adverse Events Following Recombinant Zoster Vaccine — China, 2020–2023](#)
- [Vital Surveillances: Post-Marketing Surveillance of Adverse Events Following Rotavirus Vaccination — China, 2013–2023](#)
- [Methods and Applications: Cost-Effectiveness Analysis of Sequential Screening Strategies for Hepatitis B Virus Infection by Birth Cohort — China](#)
- [Methods and Applications: A Novel Adaptive Design Approach for Early-Phase Clinical Trials to Optimize Vaccine Dosage](#)

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:: [Pre-Print Servers](#)

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Organization Announcements

Paul G. Allen Frontiers Group [to 26 Apr 2025]

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

News

No new digest content identified.

BMGF - Gates Foundation [to 26 Apr 2025]

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

Press Releases & Statements

No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 26 Apr 2025]

<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 26 Apr 2025]

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

News

No new digest content identified.

Chan Zuckerberg Initiative [to 26 Apr 2025]

<https://chanzuckerberg.com/newsroom/>

Newsroom

No new digest content identified.

CEPI – Coalition for Epidemic Preparedness Innovations [to 26 Apr 2025]

<http://cepi.net/>

CEPI News, Blog

News

[**New single-shot vaccine could offer controlled release of multiple doses over six months**](#)

23 Apr 2025

Explainer

[**The Pandemic Agreement - What it is, and what it is not**](#)

23 Apr 2025

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 26 Apr 2025]

<https://cioms.ch/>

News; Publications; Events

No new digest content identified.

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 26 Apr 2025]

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

News

No new digest content identified.

DNDI – Drugs for Neglected Diseases initiative [to 26 Apr 2025]

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

Press Releases

Press releases 24 Apr 2025

[**Liverpool clinical trial aims to advance life-changing treatment for a deadly parasitic disease**](#)

Press releases 23 Apr 2025

[**DNDi welcomes GHIT support for new project with three Japanese universities to find drug candidates for Chagas disease**](#)

Duke Global Health Innovation Center [to 26 Apr 2025]

<https://dukeghic.org/>

News

No new digest content identified.

EDCTP [to 26 Apr 2025]

<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

25 April 2025

[World Malaria Day 2025: reinvest, reimagine and reignite our commitment to end malaria](#)

Emory Vaccine Center [to 26 Apr 2025]

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

Vaccine Center News

No new digest content identified.

European Vaccine Initiative [to 26 Apr 2025]

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

Latest News, Events

[World Malaria Day 2025: malaria ends with us: reinvest, reimagine, reignite](#)

World Malaria Day is observed every year on 25 April to recognise global efforts to control malaria.
EVI

[Africa-Europe partnership launches project to optimise malaria vaccine implementation and uptake](#)

The OPT-MVAC consortium will support the rollout of malaria vaccines in 14 Central and West African countries.

Fondation Merieux [to 26 Apr 2025]

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

News, Events

Événement co-organisé par la Fondation Mérieux & l'Université de Genève

[25ème Cours avancé de vaccinologie \(ADVAC\)](#)

5-16 mai 2025 - Centre des Pensières, Veyrier-du-Lac (France)

Gavi [to 26 Apr 2025]

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

Press Releases

[Global Summit: Health & Prosperity through Immunisation](#)

Brussels, Belgium | 25 June 2025

Gavi's high-level pledging summit, to be co-hosted by the European Union and the Gates Foundation, seeks to raise at least US\$ 9 billion from our donors to fund our ambitious strategy to protect 500 million children, saving at least 8 million lives from 2026–2030, protect our world from the threat of pandemics, and protect communities from conflict, climate change and other global challenges.

25 April 2025

[Mali pioneers novel hybrid vaccine delivery approach to combat malaria](#)

24 April 2025

[**Vaccination progress helps save millions of lives in African region**](#)

24 April 2025

[**Increases in vaccine-preventable disease outbreaks threaten years of progress, warn WHO, UNICEF, Gavi**](#)

22 April 2025

[**Somalia launches nationwide vaccination against pneumococcal disease and rotavirus diarrhoea**](#)

GE2P2 Global Foundation [to 26 Apr 2025]

www.ge2p2.org

News/Analysis/Publications-Digests/Statements

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

:: [Informed Consent: A Monthly Review – April 2025](#)

:: [Public Consultations Watch :: Global Calls for Input/Public Comment – 25 April 2025](#)

:: [Genomics :: Governance, Ethics, Policy, Practice – A Monthly Digest – March 2025](#)

GHIT Fund [to 26 Apr 2025]

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

Press Releases

No new digest content identified.

Global Fund [to 26 Apr 2025]

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

News Releases

No new digest content identified.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 26 Apr 2025]

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

News

No new digest content identified.

Hilleman Laboratories [to 26 Apr 2025]

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

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 26 Apr 2025]

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

Press Room

No new digest content identified.

Human Immunome Project [nee Human Vaccines Project] [to 26 Apr 2025]

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

News

No new digest content identified.

IAVI [to 26 Apr 2025]

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

Press Releases, Features

Press Releases

[Phase 1b/2a clinical trial in adults of novel TB vaccine candidate MTBVAC shows promising results](#)

April 24, 2025

MTBVAC caused similar or stronger immune responses compared to the Bacille Calmette-Guérin (BCG) vaccine.

INSERM [to 26 Apr 2025]

<https://www.inserm.fr/en/home/>

Press Releases

No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]

<http://www.icmra.info/drupal/en/news>

Selected Statements, Press Releases, Research

No new digest content identified.

ICH [International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use] [to 26 Apr 2025]

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

News/Pubs/Press Releases [Selective]

No new digest content identified.

ICRC [to 26 Apr 2025]

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

Latest press releases and statements [Selected]

No new digest content identified.

IFFIm [to 26 Apr 2025]

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

Press Releases/Announcements

No new digest content identified.

IFRC [to 26 Apr 2025]

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

Press releases

No new digest content identified.

IPPS - International Pandemic Preparedness Secretariat [to 26 Apr 2025]

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

News

No new digest content identified.

Institut Pasteur [to 26 Apr 2025]

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

Press Documents

No new digest content identified.

ISC / International Science Council [to 26 Apr 2025]

<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

29 April 2025

[**International Union of Immunological Societies \(IUIS\) – Day of immunology 2025 webinar**](#)

International Union of Immunological Societies (IUIS)

<https://iuis.org/>

News/Events [Selected]

[**19th International Congress of Immunology**](#)

Vienna, August 17-22, 2025.

IVAC [to 26 Apr 2025]

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

Updates; Events

No new digest content identified.

IVI [to 26 Apr 2025]

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

IVI News & Announcements

[**Humanly possible: World Immunization Week 2025**](#)

Johns Hopkins Center for Health Security [to 26 Apr 2025]

<https://centerforhealthsecurity.org/newsroom>

Center News [Selected]

No new digest content identified.

MSF/Médecins Sans Frontières [to 26 Apr 2025]

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

Latest [Selected Announcements]

United States of America

What MSF teams see after first 100 days of US aid budget cuts

Press Release 25 Apr 2025

[Excerpt]

... **Vaccination:** The reported decision by the US to cut funding to Gavi (The Vaccine Alliance) could have disastrous consequences for children across the globe. The organisation estimated that the loss of US support is projected to deny approximately 75 million children routine vaccinations in the next five years, with more than 1.2 million children potentially dying as a result. Worldwide, more than half of the vaccines MSF uses come from local ministries of health and are procured through Gavi. We could see the impacts in places like the Democratic Republic of the Congo (DRC), where MSF vaccinates more children than anywhere else in the world. In 2023 alone, MSF vaccinated more than 2 million people in DRC against diseases like measles and cholera...

South Sudan

The first 72 hours of a cholera outbreak

Voices from the Field 23 Apr 2025

National Academy of Medicine - USA [to 26 Apr 2025]

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

News [Selected]

Apr 24, 2025

From Vision to Action: Community-Led Solutions Bridge Climate and Health in Network's First Year

The Climate Communities Network set out with a simple but bold idea: that the communities most affected by climate change are the best poised to build solutions. In the Network's first year, that idea is already yielding success.

National Academies-Sciences-Engineering-Medicine [NASEM]- USA [to 26 Apr 2025]

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

News

Heritable Genetic Modification in Food Animals: New Report

Heritable Genetic Modification in Food Animals, a new congressionally mandated report from the National Academies of Sciences, Engineering, and Medicine, offers recommendations for identifying the biological basis of a wide range of potential human health risks relevant to the regulation of heritable genetic information in food animals.

Date 2025-04-23

PATH [to 26 Apr 2025]

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

Newsroom [Selected]

No new digest content identified.

Sabin Vaccine Institute [to 26 Apr 2025]

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

Latest News & Press Releases

No new digest content identified.

UNAIDS [to 26 Apr 2025]

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

News, Stories, Updates

Press Statement

[UNAIDS statement at the UN Permanent Forum on Indigenous Issues](#)

24th session of the United Nations Permanent Forum on indigenous issues, Agenda item 4: Discussion on the six mandated areas of the Permanent Forum (economic and social development, culture, environment, education, health and human rights), with reference to the United Nations Declaration on the Rights of Indigenous Peoples and the 2030 Agenda for Sustainable Development.

Feature Story

[Impact of US funding cuts on HIV programmes in Ukraine](#)

22 April 2025

UNICEF [to 26 Apr 2025]

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

Latest press releases, news notes and statements [Selected]

Press release 23 April 2025

[Increases in vaccine-preventable disease outbreaks threaten years of progress, warn WHO, UNICEF, Gavi](#)

GENEVA/NEW YORK, 24 April 2025 – , Immunization efforts are under growing threat as misinformation, population growth, humanitarian crises, and funding cuts jeopardize progress and leave millions of children, adolescents, and adults at risk, warn WHO, UNICEF, and Gavi during World Immunization Week, 24-30 April. O...

Unitaid [to 26 Apr 2025]

<https://unitaid.org/>

Featured News

News releases

[World Malaria Day: Overcoming resistance through innovation](#)

23 April 2025

Vaccine Equity Cooperative [nee Initiative] [to 26 Apr 2025]

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

News

No new digest content identified.

Vaccine Confidence Project [to 26 Apr 2025]

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

News, Research and Reports

[Interview: How COVID-19 shaped attitudes to vaccination](#)

April 17, 2025

Vaccine Education Center – Children’s Hospital of Philadelphia [to 26 Apr 2025]

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

News

[Vaccine Update Newsletter April 2025](#)

Wellcome Trust [to 26 Apr 2025]

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

News. Opinion, Reports

No new digest content identified.

The Wistar Institute [to 26 Apr 2025]

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

Press Releases

No new digest content identified.

World Bank [to 26 Apr 2025]

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

All News [Selected]

[Chair's Statement: 111th Meeting of the Development Committee](#)

Ms. Elisabeth Svantesson, Minister for Finance, Sweden In the context of 111th Development Committee Meeting that took place in Washington, D.C. on the 24th April, DC members welcomed the ongoing efforts...

Date: April 25, 2025 Type: Statement

WFPHA: World Federation of Public Health Associations [to 26 Apr 2025]

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

Blog, Events

No new digest content identified.

World Medical Association [WMA] [to 26 Apr 2025]

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

Press Releases

No new digest content identified.

World Organisation for Animal Health [OIE] [to 26 Apr 2025]

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

Press Releases, Statements

No new digest content identified.

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ARM [Alliance for Regenerative Medicine] [to 26 Apr 2025]

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

Selected Press Releases

No new digest content identified.

BIO [to 26 Apr 2025]

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

Press Releases

No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 26 Apr 2025]

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

News; Upcoming events

No new digest announcements identified.

ICBA – International Council of Biotechnology Associations [to 26 Apr 2025]

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

News

No new digest announcements identified.

IFPMA [to 26 Apr 2025]

<https://ifpma.org/>

News, Statements [Selected]

No new digest announcements identified.

International Alliance of Patients' Organizations – IAPO [to 26 Apr 2025]

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

Press and media [Selected]

[**IAPO at the 78th World Health Assembly**](#)

Friday, 25 April 2025

International Generic and Biosimilar Medicines Association [IGBA]

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

News

No new digest announcements identified.

PhRMA [to 26 Apr 2025]

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

Press Releases

April 22, 2025

[**PhRMA Welcomes AstraZeneca to the Association**](#)

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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

24 April 2025

[BioNTech to Present Clinical and Preclinical Data Across mRNA and Next-Generation Immuno-Oncology Priority Programs at AACR 2025](#)

Boehringer

Press Releases - No new digest announcements identified.

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 - No new digest announcements identified.

EuBiologics, S Korea

News - No new digest announcements identified.

IMBCAMS, China

Home - Website not responding at inquiry.

JNJ Innovative Medicine [Janssen]

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 - No new digest announcements identified on website.

Novavax

Press Releases

Apr 23, 2025

Statement COVID-19

[Latest update on U.S. FDA BLA for Novavax's COVID-19 Vaccine](#)

Apr 23, 2025

We believe that our Biologics License Application (BLA) is approvable based on conversations with the U.S. Food and Drug Administration (FDA), as of our Prescription Drug User Fee Act (PDUFA) date of April 1 and through today.

We have recently received formal communication from the FDA in the form of an information request for a postmarketing commitment (PMC) to generate additional clinical data. We look forward to engaging with the FDA expeditiously to address the PMC request and move to approval as soon as possible.

Pfizer

Recent Press Releases - No new digest announcements identified.

R-Pharm

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

[No news or media page identified]

Sanofi Pasteur

Press Releases

April 25, 2025

[Media Update: Sanofi's Foundation S and Sobi extend their partnership with the World Federation of Hemophilia Humanitarian Aid Program](#)

Serum Institute

News & Announcements - No new digest announcements identified.

Sinopharm/WIBPBIBP

News - No new digest announcements identified.

Sinovac

Press Releases - No new digest announcements identified.

SK Biosciences

Press Releases

[SK bioscience Wins Patent Invalidation Case Against Moderna, Accelerating mRNA Vaccine Development](#)

SK bioscience wins case two years after filing suit challenging global company's patent monopoly...
2025.04.23

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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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 16, 2025 Issue 1

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

[Reviewed earlier]

AMA Journal of Ethics

April 2025 Volume 27, Number 4: E237-301

<https://journalofethics.ama-assn.org/issue/reqret-moral-psychology-surgical-professionalism>

Issue Theme: Surgical Care of Incarcerated Patients

The United States incarcerates more people per capita than any other nation. Developing and maintaining clinically and ethically appropriate surgical care for incarcerated requires clinicians, health care organizations, and governments to actively resist historically entrenched patterns of devaluing

incarcerees' humanity and personhood. Neglect of carceral patients' surgical care needs, in particular, remains systematized to the persistent detriment of incarcerated patients' perioperative and surgical care, recovery, outcomes, and overall health. Carceral surgical patients' risk/benefit profiles must be contextualized at every stage of their care by their diminished legal agency, restricted liberty, and increased environmental risk for a range of abuses and trauma. Carceral surgical patients' vulnerabilities can be exacerbated by uncertainty or conflict about the scope and applicability of state authority relative to clinicians' authority, which can manifest in fraught interactions among clinicians, law enforcement and security personnel, and carceral facility employees tasked with monitoring incarcerated patients outside carceral settings.
[Reviewed earlier]

American Journal of Human Genetics

Apr 03, 2025 Volume 112 Issue 4 p725-964

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

This month in *The Journal*

Alyson B. Barnes, Sara B. Cullinan

Genomic medicine has the potential to transform lives, but its integration into healthcare systems requires organization, coordination of regional and national efforts, and consistent funding. Moreover, the many different cultures and political structures, as well as health and health-care disparities, present around the world pose challenges to the adoption of a one-size-fits-all genomics program. Yet, the goals of improving health outcomes by meeting the specific needs of the community in a sustainable and equitable manner are shared by many national and international programs.

American Journal of Infection Control

April 2025 Volume 53 Issue 4 p415-536

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

[Reviewed earlier]

American Journal of Preventive Medicine

April 2025 Volume 68 Issue 4 p645-858

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

[Reviewed earlier]

American Journal of Public Health

April 2025 115(S1)

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

[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 112 (2025): Issue 4 (Apr 2025)

<https://www.ajtmh.org/view/journals/tpmd/112/4/tpmd.112.issue-4.xml>

[Reviewed earlier]

Annals of Internal Medicine

April 2025 Volume 178, Issue 4

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

[Reviewed earlier]

Artificial Intelligence – An International Journal

Volume 341 April 2025

<https://www.sciencedirect.com/journal/artificial-intelligence/vol/340/suppl/C>

[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

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

(Accessed 26 Apr 2025)

[No new digest content identified]

BMC Health Services Research

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

(Accessed 26 Apr 2025)

Cost-effectiveness and public health impact of recombinant zoster vaccine versus no herpes zoster vaccination in selected populations of immunocompromised adults in Canada

The risk of herpes zoster (HZ) increases with age and in immunocompromised (IC) patients. Recombinant zoster vaccine (RZV) is currently recommended in Canada for people aged ≥ 50 years. The objectives of the c...

Authors: Sydney George, Justin Carrico, Katherine A. Hicks, Dessi Loukov, Cheryl Ng and Desmond Curran

Citation: BMC Health Services Research 2025 25:604

Content type: Research Published on: 25 April 2025

Research and community engagement during the COVID- 19 pandemic in a resource-limited setting: a mixed methods study with epidemic preparedness implications

When WHO declared the SARS-CoV- 2 respiratory virus pandemic in 2020, Uganda was unprepared to prevent and control its spread or manage the COVID- 19 and non-COVID patients. A community trial to assess the eff...

Authors: David Kaawa-Mafigiri, Dickson Muyomba, Irene Sheila Kisakye, Daniel Semakula and Nelson K. Sewankambo

Citation: BMC Health Services Research 2025 25:600

Content type: Research Published on: 25 April 2025

BMC Infectious Diseases

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

(Accessed 26 Apr 2025)

Long-term immune response after SARS-CoV2 vaccination in solid organ transplant recipients

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) vaccination in solid organ transplant (SOT) recipients is associated with suboptimal antibody response (AbR) favouring breakthrough infection (BI). ...

Authors: Cecilia Bonazzetti, Alice Toschi, Dino Gibertoni, Natascia Caroccia, Michela Di Chiara, Silvia Vituliano, Federica Lanna, Alessandro Croci, Beatrice Tazza, Armando Amicucci, Maria Cristina Morelli, Giorgia Comai, Elena Salvaterra, Luciano Potena, Pierluigi Viale, Maddalena Giannella...

Citation: BMC Infectious Diseases 2025 25:606

Content type: Research Published on: 25 April 2025

How did Moroccan immigrants in the Netherlands decide with regard to their COVID-19 vaccine uptake? An exploratory qualitative study

In the Netherlands, a low COVID-19 vaccination uptake was reported among Moroccan immigrants. This population also faced a higher risk of contracting COVID-19, as well as severe morbidity and mortality, compar...

Authors: Nora Hamdiui, Marion de Vries, Mart L. Stein, Rik Crutzen, Putri Hintaran, Maria van den Muijsenbergh and Aura Timen

Citation: BMC Infectious Diseases 2025 25:602

Content type: Research Published on: 25 April 2025

BMC Medical Ethics

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

(Accessed 26 Apr 2025)

Diversity in decentralized clinical trials: prioritizing inclusion of underrepresented groups

The importance of more diversity of study populations in clinical trials is currently widely acknowledged. Decentralized clinical trial (DCT) approaches are presented as a potential means to broaden diversity ...

Authors: Tessa I. van Rijssel, Johannes J. M. van Delden, Bart Lagerwaard, Mira G. P. Zuidgeest and Ghislaine J. M. W. van Thiel

Citation: BMC Medical Ethics 2025 26:51

Content type: Review Published on: 24 April 2025

Readability of health research informed consent forms: case of the National Health Research Ethics Committee in Tanzania

Obtaining informed consent is the practice of respect for persons that gives the right to participants to make autonomous decisions about research participation. The difficult-to-read research informed consent...

Authors: Renatha Kato, Renatha Joseph, Lazaro Haule and Mwanaidi Kafuye

Citation: BMC Medical Ethics 2025 26:50

Content type: Research Published on: 22 April 2025

BMC Medicine

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

(Accessed 26 Apr 2025)

[No new digest content identified]

BMC Pregnancy and Childbirth

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

(Accessed 26 Apr 2025)

[No new digest content identified]

BMC Public Health

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

(Accessed 26 Apr 2025)

Low Hepatitis B vaccination coverage in New Delhi, India: urgent call for Universal Adult Hepatitis B vaccination

Eliminating Hepatitis B by 2030 is achievable through vaccination. However, despite the safety of the Hepatitis B vaccine, vaccination coverage among adults in India is suboptimal.

Authors: Kanica Kaushal, Sumridhi Gautam, Priyanka Aggarwal, Guresh Kumar, Shantanu Dubey and Shiv Kumar Sarin

Citation: *BMC Public Health* 2025 25:1560

Content type: Research Published on: 26 April 2025

Effectiveness of catch-up vaccination from 2009 to 2011 on incidence of hepatitis B in Guangzhou, China: a time series analysis

The high prevalence of hepatitis B weighs heavily on public health in China. In 2009, a catch-up vaccination program for children aged 8–15y was implemented to curb hepatitis B, while the effectiveness of this...

Authors: Bo-Wen Ming, Wen-Hui Liu, Li Li, Jin-Lun Zhang, Jing Liu, Jia-Jun Ma, Hao-Neng Huang, Zhou-Bin Zhang and Chun-Quan Ou

Citation: *BMC Public Health* 2025 25:1551

Content type: Research Published on: 25 April 2025

Responding to the covid-19 in west bank Palestine refugee camps: lessons and role of community engagement

Global unpreparedness was noted, where even high-income countries with their established healthcare systems could not cope with the Covid-19 pandemic. In the Occupied Palestinian Territory (OPT), especially in...

Authors: Lama Shakhshir and Weeam Hammoudeh

Citation: *BMC Public Health* 2025 25:1459

Content type: Research Published on: 20 April 2025

BMC Research Notes

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

(Accessed 26 Apr 2025)

[No new digest content identified]

BMJ Evidence-Based Medicine

April 2025 - Volume 30 - 2

<https://ebm.bmj.com/content/30/2>

[Reviewed earlier]

BMJ Global Health

April 2025 - Volume 10 - 4

<https://gh.bmj.com/content/10/4>

[Reviewed earlier]

Bulletin of the World Health Organization

2025 Mar 1; 103(3)

<https://www.who.int/publications/journals/bulletin/>

[Reviewed earlier]

Cell

Apr 03, 2025 Volume 188 Issue 7 p1747-2042
<https://www.cell.com/cell/current>
[Reviewed earlier]

Child Care, Health and Development

Volume 51, Issue 3 May 2025
<https://onlinelibrary.wiley.com/toc/13652214/current>
[New issue; No digest content identified]

Clinical Pharmacology & Therapeutics

Volume 117, Issue 4 Pages: 859-1148 April 2025
<https://ascpt.onlinelibrary.wiley.com/toc/15326535/current>
[Reviewed earlier]

Clinical Therapeutics

April 2025 Volume 47 Issue 4 p249-336
<http://www.clinicaltherapeutics.com/current>
[Reviewed earlier]

Clinical Trials

Volume 22 Issue 2, April 2025
<https://journals.sagepub.com/toc/ctja/22/2>
[Reviewed earlier]

Conflict and Health

<http://www.conflictandhealth.com/>
[Accessed 26 Apr 2025]
[No new digest content identified]

Contemporary Clinical Trials

Volume 151 April 2025
<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/151/suppl/C>
[Reviewed earlier]

The CRISPR Journal

Volume 8, Issue 2 / April 2025
<https://www.liebertpub.com/toc/crispr/8/1>
[Reviewed earlier]

Current Genetic Medicine Reports

Volume 13, Issue 1 December 2025
<https://link.springer.com/journal/40142/volumes-and-issues/13-1>
[Reviewed earlier]

Current Medical Research and Opinion

Volume 41, Issue 3 2025

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

[New issue; No digest content identified]

Current Opinion in Infectious Diseases

April 2025 - Volume 38 - Issue 2

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

[Reviewed earlier]

Current Protocols in Human Genetics

<https://currentprotocols.onlinelibrary.wiley.com/journal/19348258>

[Accessed 26 Apr 2025]

[No new digest content identified]

Developing World Bioethics

Volume 25, Issue 1 Pages: 1-79 March 2025

<https://onlinelibrary.wiley.com/toc/14718847/current>

[Reviewed earlier]

Development in Practice

Volume 34, Issue 6, 2024

<https://www.tandfonline.com/toc/cdip20/34/6>

[Reviewed earlier]

Development Policy Review

Volume 43, Issue 3 May 2025

<https://onlinelibrary.wiley.com/toc/14677679/current>

[Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 19 - 2025

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

[Reviewed earlier]

Disasters

Volume 49, Issue 3 July 2025

<https://onlinelibrary.wiley.com/toc/14677717/current>

[Reviewed earlier]

eBioMedicine

Volume 114 In progress (April 2025)

<https://www.sciencedirect.com/journal/ebiomedicine/vol/113/suppl/C>
[Reviewed earlier]

EMBO Reports

Volume 26 Issue 7 7 April 2025
<https://www.embopress.org/toc/14693178/current>
[Reviewed earlier]

Emerging Infectious Diseases

Volume 31, Number 4—April 2025
<http://wwwnc.cdc.gov/eid/>
[Reviewed earlier]

Epidemics

Volume 50 March 2025
<https://www.sciencedirect.com/journal/epidemics/vol/50/suppl/C>
[Reviewed earlier]

Epidemiology and Infection

Volume 153 - 2025
<https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue>
[Reviewed earlier]

Ethics & Human Research

Volume 47, Issue 1 Pages: 1-45 January–February 2025
<https://onlinelibrary.wiley.com/toc/25782363/current>
Moral distress in clinical research • Research with incarcerated and homeless women
[Reviewed earlier]

Ethics & International Affairs

Volume 38 - Issue 4 - Winter 2024
<https://www.cambridge.org/core/journals/ethics-and-international-affairs/latest-issue>
[Reviewed earlier]

Ethics, Medicine and Public Health

Volume 32 2024
<https://www.sciencedirect.com/journal/ethics-medicine-and-public-health/vol/32/suppl/Cc>
[Reviewed earlier]

The European Journal of Public Health

Volume 35, Issue 1, February 2025
<https://academic.oup.com/eurpub/issue/35/1>
[Reviewed earlier]

Expert Review of Vaccines

Volume 24, 2025 Issue 1

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

[Reviewed earlier]

Foreign Affairs

May/June 2025 Volume 104, Number 3

<https://www.foreignaffairs.com/issues/2025/104/3>

[New issue; No digest content identified]

Forum for Development Studies

Volume 52, 2025 - Issue 1

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

Co-creating knowledge in development studies

[Reviewed earlier]

Frontiers in Genetics

<https://www.frontiersin.org/journals/genetics>

[Accessed 26 Apr 2025]

[No new digest content identified]

Frontiers in Genome Editing

<https://www.frontiersin.org/journals/genome-editing>

[Accessed 26 Apr 2025]

Perspective Accepted on 24 Apr 2025

[Ethical Dimensions and Societal Implications: Ensuring the Social Responsibility of CRISPR Technology](#)

Irfan Biswas

doi 10.3389/fgeed.2025.1593172

Frontiers in Medicine

<https://www.frontiersin.org/journals/medicine/volumes?volume-id=1463>

[Accessed 26 Apr 2025]

[No new digest content identified]

Gene Therapy – Nature

Volume 32 Issue 2, March 2025

<https://www.nature.com/gt/volumes/32/issues/2>

[Reviewed earlier]

Genetics in Medicines

Volume 27, Issue 4 April 2025

<https://www.sciencedirect.com/journal/genetics-in-medicine/vol/27/issue/4>

[Reviewed earlier]

Genome Medicine

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

[Accessed 26 Apr 2025]

[No new digest content identified]

Global Health Action

Volume 18, Issue 1 (2025)

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

[Reviewed earlier]

Global Health: Science and Practice (GHSP)

Vol. 12, No. 6 December 20, 2024

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

[Reviewed earlier]

Global Legal Monitor & Legal Reports – Library of Congress/USA

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

https://www.loc.gov/books/?q=legal+reports&fa=partof%3Alegal+reports+%28publications+of+the+law+library+of+congress%29&sb=date_desc

[Accessed 26 Apr 2025]

[No new digest content identified]

Global Public Health

Volume 20, Issue 1 (2025)

<http://www.tandfonline.com/toc/rgph20/current>

[Reviewed earlier]

Globalization and Health

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

[Accessed 26 Apr 2025]

[The Gates Foundation's network diplomacy in European donor countries](#)

The Gates Foundation is the most influential private philanthropic foundation in global health and development. This article examines how the Foundation has developed an unparalleled capacity to rally other do...

Authors: Antoine de Bengy Puyvallée, Katerini Tagmatarchi Storeng and Simon Rushton

Citation: Globalization and Health 2025 21:22

Content type: Research Published on: 24 April 2025

Health and Human Rights

Volume 26, Issue 2, December 2024

<https://www.hhrjournal.org/volume-26-issue-2-december-2024/>

Special Section: Distress Migration and the Right to Health

[Reviewed earlier]

Health Economics, Policy and Law

Volume 20 - Issue 1 - January 2025

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

[Reviewed earlier]

Health Policy and Planning

Volume 40, Issue 3, April 2025

<https://academic.oup.com/heapol/issue/40/3>

[Reviewed earlier]

Health Research Policy and Systems

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

[Accessed 26 Apr 2025]

[No new digest content identified]

Human Gene Therapy

Volume 36, Issue 7-8 / April 2025

<https://www.liebertpub.com/toc/hum/36/7-8>

[Reviewed earlier]

Humanitarian Practice Network

<https://odihpn.org/>

Featured Publications

[No new digest content identified]

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 21 Issue 1, 2025

<https://www.tandfonline.com/toc/khvi20/21/1?nav=tocList>

Selected Content

[Reviewed earlier]

Immunity

Apr 08, 2025 Volume 58 Issue 4 p767-1032

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

[New issue; No digest content identified]

Infectious Agents and Cancer

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

[Accessed 26 Apr 2025]

[No new digest content identified]

Infectious Diseases of Poverty

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

[Accessed 26 Apr 2025]
[No new digest content identified]

International Health

Volume 17, Issue 2, March 2025
<https://academic.oup.com/inthealth/issue/17/2>
[Reviewed earlier]

International Human Rights Law Review

Volume 13 (2024): Issue 2 (Dec 2024)
<https://brill.com/view/journals/hrlr/13/2/hrlr.13.issue-2.xml>
[Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol. 12 No. 4 (2025): April 2025
<https://www.ijcmph.com/index.php/ijcmph/issue/view/123>
[Reviewed earlier]

International Journal of Epidemiology

Volume 54, Issue 2, April 2025
<https://academic.oup.com/ije/issue/54/2>
Journal Article
[Making science great again. Or not](#)
Alistair Woodward , Stephen Leeder

Original Research

[Text message reminders to improve the timeliness of birth dose vaccine administration among newborns in an urban informal settlement in Kenya](#)[Get access](#)
Jonathan Izudi and others
<https://doi.org/10.1093/ije/dyaf024>

International Journal of Human Rights in Healthcare

Volume 18 Issue 1 2025
<https://www.emerald.com/insight/publication/issn/2056-4902/vol/18/iss/1>
Table of contents
[Reviewed earlier]

JAMA

April 22/29, 2025, Vol 333, No. 16, Pages 1373-1466
<https://jamanetwork.com/journals/jama/currentissue>
[New issue; No digest content identified]

JAMA Health Forum

April 2025, Vol 6, No. 4
<https://jamanetwork.com/journals/jama-health-forum/issue>

[Reviewed earlier]

JAMA Pediatrics

April 2025, Vol 179, No. 4, Pages 359-482

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

[Reviewed earlier]

JBİ Evidence Synthesis

April 2025 - Volume 23 - Issue 4

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

[Reviewed earlier]

Journal of Adolescent Health

March 2025 Volume 76 Issue 3 p341-526

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

[Reviewed earlier]

Journal of Artificial Intelligence Research

Vol. 82 (2025)

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

Contents

[New issue; No digest content identified]

Journal of Community Health

Volume 50, Issue 2 April 2025

<https://link.springer.com/journal/10900/volumes-and-issues/50-2>

[Reviewed earlier]

Journal of Current Medical Research and Opinion

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

Vol. 8 No. 01 (2025)

<https://www.cmro.in/index.php/jcmro/issue/view/91>

[Reviewed earlier]

Journal of Development Economics

Volume 174 May 2025

<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/174/suppl/C>

[Reviewed earlier]

Journal of Empirical Research on Human Research Ethics

Volume 19 Issue 4-5, October–December 2024

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

[Reviewed earlier]

Journal of Epidemiology & Community Health

March 2025 - Volume 79 - 3

<https://jech.bmj.com/content/79/3>

[Reviewed earlier]

Journal of Evidence-Based Medicine

Volume 18, Issue 2 June 2025

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

ARTICLE Open Access

[Synthesizing Public Health Preparedness Mechanisms for High-Impact Infectious Disease Threats: A Jurisdictional Scan](#)

KM Saif-Ur-Rahman, Nikita N. Burke, Lena Murphy, Randal Parlour, Máirín Boland, Petek Eylul Taneri, Bearach Reynolds, Mary Horgan, John N. Lavis, Declan Devane
70019

First Published: 28 March 2025

Effective public health preparedness for high-impact infectious diseases requires a coordinated approach, including early threat detection, rapid response, robust healthcare systems, and strategic communication. Past outbreaks show the need for continuous investment, evidence-based policies, and adaptable health systems. Future research should assess ongoing preparedness efforts and implementation challenges.

Journal of Global Ethics

Volume 20, Issue 3 (2024)

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

Special Issue: 20th Anniversary Forum

[Reviewed earlier]

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

Volume 36, Number 1, February 2025

<https://muse.jhu.edu/issue/54278>

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[Reviewed earlier]

Journal of Immigrant and Minority Health

Volume 27, Issue 2 April 2025

<https://link.springer.com/journal/10903/volumes-and-issues/27-2>

[New issue; No digest content identified]

Journal of Immigrant & Refugee Studies

Volume 23, Issue 1 (2025)

<https://www.tandfonline.com/toc/wimm20/current>

[Reviewed earlier]

Journal of International Development

Volume 37, Issue 2 Pages: 1-619 March 2025

<https://onlinelibrary.wiley.com/toc/10991328/current>

[Reviewed earlier]

Journal of Medical Ethics

April 2025 - Volume 51 - 4

<http://jme.bmj.com/content/current>

[Reviewed earlier]

Journal of Patient-Centered Research and Reviews

Volume 12, Issue 1 (2025)

<https://institutionalrepository.aah.org/jpcrr/>

[New issue; No digest content identified]

The Journal of Pediatrics

Volume 277 February 2025

<https://www.sciencedirect.com/journal/the-journal-of-pediatrics/vol/277/suppl/C>

[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice

Volume 18, 2025 Issue 1

<https://www.tandfonline.com/toc/jppp20/18/1?nav=tocList>

[Reviewed earlier]

Journal of Public Health Management & Practice

March/April 2025 - Volume 31 - Issue 2

<https://journals.lww.com/jphmp/pages/currenttoc.aspx>

[Reviewed earlier]

Journal of Public Health Policy

Volume 46, Issue 1 March 2025

<https://link.springer.com/journal/41271/volumes-and-issues/46-1>

[Reviewed earlier]

Journal of the Royal Society – Interface

April 2025 Volume 22 Issue 225

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

[Reviewed earlier]

Journal of Travel Medicine

Volume 32, Issue 3, April 2025

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

[Reviewed earlier]

Journal of Virology

Volume 99 • Number 2 • February 2025

<http://jvi.asm.org/content/current>

[Reviewed earlier]

The Lancet

Apr 26, 2025 Volume 405 Number 10488 p1439-1554

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

Editorial

Supporting medical science in the USA

The Lancet

The pursuit of rigorous medical science is not compatible with capitulation to government demands aimed at weaponising and eroding science. On April 14, Edwin R Martin Jr, the Trump-appointed interim US attorney for the District of Columbia, sent a letter to at least one medical journal, CHEST, saying “that more and more journals and publications like CHEST Journal are conceding that they are partisans in various scientific debates”. The letter asked the journal to respond to five questions on topics such as how it handles misinformation and different viewpoints. This is an obvious ruse to strike fear into journals and impinge on their right to independent editorial oversight. The Lancet stands with CHEST and the other medical journals that are being intimidated by the Trump administration.

The harassment of journals comes amid wider radical dismantling of the USA's scientific infrastructure. The US Office of Management and Budget's response to the Department of Health and Human Services (HHS) draft budget for fiscal year 2026 was leaked on April 18. The Food and Drug Administration's (FDA) request for fiscal year 2026 is US\$2·9 billion, down from \$3·6 billion in 2024. Of concern, food inspection could shift to the states, weakening federal oversight and coordination. The National Institutes of Health (NIH) and Centers for Disease Control and Prevention (CDC) are subject to large cuts, totalling \$84 billion. Meanwhile, Robert F Kennedy's new Administration for a Healthy America with a proposed budget of \$20 billion, aims to have “an initial focus on childhood chronic diseases”. Kennedy has been clear that his primary interest is on finding a cause for autism—which he previously claimed, as recently as 2023, was due to vaccines, and in his first press conference said was “due to environmental toxins”, a misguided agenda at the taxpayer's expense.

HHS aims to cut the NIH budget from \$47 billion to \$27 billion. 27 institutes and centres are to be consolidated down to eight, and while the National Institute for Allergy and Infectious Diseases and the National Cancer Institute stay, hundreds of NIH grants are frozen or cancelled, harming universities, researchers, and study participants. The CDC budget could be slashed from \$9·2 billion to about \$5·2 billion—a 44% reduction. Although the new proposal says the CDC will focus on “emerging and infectious disease surveillance, outbreak investigations, preparedness and response and maintaining the nation's infrastructure”, the budget eliminates the Global Health Center, which oversees the CDC's global health mission, including the President's Emergency Plan for AIDS Relief, the President's Malaria Initiative, global polio eradication, and outbreaks. How will the CDC maintain its leadership in global health? Other cuts target programmes on health disparities, HIV prevention, lead toxicity, infant morbidity and mortality and maternal health surveillance, LGBT+ people, teenage pregnancy prevention, homelessness prevention, and early child mental health, among others. Grants for rural health clinics and hospitals—already inadequate—are also to be cut.

A misinformed narrative is being used at HHS to attempt to trick the public into thinking that these cuts are about improving Americans' health. Yet, one of the intents of authoritarian governments is to destroy independent science at government institutions and to silence academia. Science becomes a

tool of state sponsored propaganda. Kennedy's actions at HHS are merely one piece in President Trump's overall plans to remake the global order, which threatens the USA's role as the leader in science and global health.

Peter Marks, the former head of the FDA's Center for Biologics Evaluation and Research, said in his March 28 resignation letter that "It has become clear that truth and transparency are not desired by the Secretary, but rather he wishes subservient confirmation of his misinformation and lies." Calls for Kennedy's resignation are growing. The Executive Director of the American Public Health Association, Georges Benjamin, called for Kennedy's resignation or removal on April 9. The Treatment Action Group and Doctors for America have also called for him to go. Given Kennedy's support for the gutting of the NIH, CDC, and FDA, alongside his espousal of unscientific treatments and theories, The Lancet joins Benjamin's call for Kennedy's resignation.

Medical journals should not expect to be spared by the Trump administration's attack on science, nor should health institutions such as the NIH, the CDC, or academic medical centres. Science and medicine in the USA are being violently dismembered while the world watches. While the risks to civil servants and academics' livelihoods are real and understandably frightening, bullies are only emboldened by acquiescence or indifference.

Review

The 2025 report of the Lancet Countdown to 2030 for women's, children's, and adolescents' health: tracking progress on health and nutrition

Agbessi Amouzou, et al.

In line with previous progress reports by Countdown to 2030 for Women's, Children's, and Adolescents' Health, this report analyses global and regional trends and inequalities in health determinants, survival, nutritional status, intervention coverage, and quality of care in reproductive, maternal, newborn, child and adolescent health (RMNCAH) and nutrition, as well as country health systems, policies, financing, and prioritisation. The focus is on low-income and middle-income countries (LMICs) where 99% of maternal deaths and 98% of child and adolescent deaths (individuals aged 0–19 years) occur, with special attention to sub-Saharan Africa and South Asia.

The Lancet Child & Adolescent Health

Apr 2025 Volume 9 Number 4 p211-282, e10-e12

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

[Reviewed earlier]

Lancet Digital Health

Apr 2025 Volume 7 Number 4 e232-e294

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

[Reviewed earlier]

Lancet Global Health

Apr 2025 Volume 13 Number 4 e599-e777

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

[Reviewed earlier]

Lancet Infectious Diseases

Apr 2025 Volume 25 Number 4 p357-470, e191-e254

<https://www.thelancet.com/journals/laninf/issue/current>
[Reviewed earlier]

Lancet Public Health

Apr 2025 Volume 10 Number 4 e264-e346
<https://www.thelancet.com/journals/lanpub/issue/current>
[Reviewed earlier]

Lancet Respiratory Medicine

Apr 2025 Volume 13 Number 4 p289-370, e20-e23
<https://www.thelancet.com/journals/lanres/issue/current>
Editorial

[Pneumonia: a neglected global threat](#)

The Lancet Respiratory Medicine

Maternal and Child Health Journal

Volume 29, Issue 4 April 2025
<https://link.springer.com/journal/10995/volumes-and-issues/29-4>
[Reviewed earlier]

Medical Decision Making (MDM)

Volume 45 Issue 3, April 2025
<http://mdm.sagepub.com/content/current>
[Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy
Volume 103, Issue 1 Pages: 1-241 March 2025
<https://onlinelibrary.wiley.com/toc/14680009/current>
[Reviewed earlier]

Molecular Therapy

Apr 02, 2025 Volume 33 Issue 4 p1305-1860
<https://www.cell.com/molecular-therapy/current>

[In this issue](#)

Sickle cell disease (SCD) and β -thalassemia are two of the most common β -hemoglobinopathies, genetic diseases that affect the β -globin chains of hemoglobin. A single mutation in β -globin gene (*HBB*) causes the characteristic dysfunctional hemoglobin protein in SCD, while over 300 mutations across *HBB* cause severe anemia and reduced β -globin levels in β -thalassemia. Homology-directed repair (HDR) is a promising approach to restore *HBB* expression. However, HDR can be challenging because the insert cannot be homologous to the endogenous gene, and synonymous codon-optimized, intron-less sequences may be inadequate.

Nature

Volume 640 Issue 8060, 24 April 2025

<https://www.nature.com/nature/volumes/640/issues/8060>

[New issue; No digest content identified]

Nature Biotechnology

Volume 43 Issue 4, April 2025

<https://www.nature.com/nbt/volumes/43/issues/4>

[Reviewed earlier]

Nature Communications

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

(Accessed 26 Apr 2025)

[Reviewed earlier]

Nature Genetics

Volume 57 Issue 4, April 2025

<https://www.nature.com/ng/volumes/57/issues/4>

[Reviewed earlier]

Nature Human Behaviour

Volume 9 Issue 4, April 2025

<https://www.nature.com/nathumbehav/volumes/9/issues/4>

Q&A 10 Mar 2025

[Why we organized 'Stand Up For Science'](#)

In the USA, the Trump administration has signed executive orders that impose censorship on key areas of scientific research, strip government scientists of their jobs and reduce federal funding for science. Five co-organizers of the nationwide Stand Up For Science movement explain the need for collective action at this time.

Leslie Berntsen, Emma Courtney, Charlotte Payne

Comment 23 Jan 2025

[Combating China's retraction crisis](#)

The emergence of China as a global leader in scientific output is being overshadowed by a growing crisis of confidence in its research integrity. In addition to existing efforts, we propose five actionable initiatives to bolster the fight against China's retraction crisis.

Shaoxiong Brian Xu, Guangwei Hu

Article Open Access 20 Jan 2025

[Trust in scientists and their role in society across 68 countries](#)

What is the state of trust in scientists around the world? To answer this question, the authors surveyed 71,922 respondents in 68 countries and found that trust in scientists is moderately high.

Viktoria Cologna, Niels G. Mede, Rolf A. Zwaan

Nature Medicine

Volume 31 Issue 4, April 2025

<https://www.nature.com/nm/volumes/31/issues/4>

Editorial 07 Apr 2025

[Combating vaccine revisionism](#)

The scientific community must take a strong and active stand against vaccine revisionism — the false narrative that there is insufficient evidence to support the safety and efficacy of vaccines...

Vaccines have saved 154 million lives globally since the launch of the Expanded Programme on Immunization by the World Health Organization in 1974 and are one of the great triumphs of medicine. Sadly, vaccine skepticism in the USA has helped drive distrust of vaccines in other parts of the world, threatening the gains made in childhood morbidity and survival through immunization campaigns. It is therefore imperative that the medical and public health communities take immediate action to fight vaccine revisionism and promote vaccine uptake, as there are stakes both in the USA and globally. Given the current political climate, this task will not be easy, but it must be tackled head-on.

News Feature 11 Apr 2025

The WHO aims for financial stability despite US exit

The World Health Organization's inaugural Investment Round aims to instill stability in the face of global health headwinds and a US exit.

Barbara Nasto

Nature Reviews Drug Discovery

Volume 24 Issue 4, April 2025

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

[Reviewed earlier]

Nature Reviews Genetics

Volume 26 Issue 4, April 2025

<https://www.nature.com/nrg/volumes/26/issues/4>

[Reviewed earlier]

Nature Reviews Immunology

Volume 25 Issue 4, April 2025

<https://www.nature.com/nri/volumes/25/issues/4>

[Reviewed earlier]

New England Journal of Medicine

Volume 392 No. 16 April 24, 2025

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

Perspective

An HIV Vaccine in the Era of Twice-Yearly Lenacapavir for PrEP — Essential or Irrelevant?

L.P. Jatt and Others

Abstract

The discovery of a highly efficacious option for preexposure prophylaxis that requires only twice-yearly administration has led to the question of whether a vaccine is still needed to end the HIV epidemic.

NEJM Evidence

Volume 4 No. 4 April 2025

<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.

[Reviewed earlier]

njp Vaccines

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

[Accessed 26 Apr 2025]

Article 23 Apr 2025

[Poliovirus shedding after sequential immunization of Sabin-strain inactivated polio vaccines and oral attenuated polio vaccines](#)

Yuting Fu, Rufei Ma, Jingsi Yang

Pediatrics

Volume 155, Issue 4 April 2025

<https://publications.aap.org/pediatrics/issue/155/4>

[Reviewed earlier]

PharmacoEconomics

Volume 43, Issue 4 April 2025

<https://link.springer.com/journal/40273/volumes-and-issues/43-3>

[Reviewed earlier]

PLoS Biology

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

(Accessed 26 Apr 2025)

[No new digest content identified]

PLoS Genetics

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

(Accessed 26 Apr 2025)

[No new digest content identified]

PLoS Global Public Health

https://journals.plos.org/globalpublichealth/search?sortOrder=DATE_NEWEST_FIRST&filterStartDate=2021-10-01&filterJournals=PLOSGlobalPublicHealth&q=&resultsPerPage=60

(Accessed 26 Apr 2025)

[No new digest content identified]

PLoS Medicine

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

(Accessed 26 Apr 2025)

[No new digest content identified]

PLoS Neglected Tropical Diseases

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

(Accessed 26 Apr 2025)

[Cholera in Sub-Saharan Africa: Unveiling neglected drivers and pathways to elimination](#)

Beenzu Siamalube, Emmanuel Ehinmitan, Steven Runo, Maina Ngotho, Justus Onguso
Viewpoints | published 23 Apr 2025 PLOS Neglected Tropical Diseases
<https://doi.org/10.1371/journal.pntd.0013029>

PLoS One

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

[Accessed 26 Apr 2025]

[Interventions for combating COVID-19 misinformation: A systematic realist review](#)

Robert Dickinson, Dominique Makowski, Harm van Marwijk, Elizabeth Ford

Research Article | published 24 Apr 2025 PLOS ONE

<https://doi.org/10.1371/journal.pone.0321818>

PLoS Pathogens

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

[Accessed 26 Apr 2025]

[No new digest content identified]

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

April 29, 2025 | vol. 122 | no. 17

<https://www.pnas.org/toc/pnas/122/17>

[New issue; No digest content identified]

PNAS Nexus

Volume 4, Issue 3, March 2025

<https://academic.oup.com/pnasnexus/issue/4/3>

[Reviewed earlier]

Prehospital & Disaster Medicine

Volume 40 - Issue 2 - April 2025

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

[New issue; No digest content identified]

Preventive Medicine

Volume 193 April 2025

<https://www.sciencedirect.com/journal/preventive-medicine/vol/193/suppl/C>

[New issue; No digest content identified]

Proceedings of the Royal Society B

April 2025 Volume 292 Issue 2045

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

Biological science practices

[Immediate and longer-term impact of the COVID-19 pandemic on scientific productivity in ecology and evolution](#)

Stephanie Meirmans, Erik Postma, Maurine Neiman and Shalene Singh-Shepherd

Published: 23 April 2025 Article ID:20250463

<https://doi.org/10.1098/rspb.2025.0463>

Public Health

Volume 241 Pages 1-186 (April 2025)

<https://www.sciencedirect.com/journal/public-health/vol/241/suppl/C>

[New issue; No digest content identified]

Public Health Ethics

Volume 18, Issue 1, April 2025

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

[Reviewed earlier]

Public Health Genomics

2025, Vol. 28, No. 1

<https://karger.com/phg/issue/28/1>

[Reviewed earlier]

Public Health Reports

Volume 140 Issue 1, January/February 2025

<https://journals.sagepub.com/toc/phrg/140/1>

[Reviewed earlier]

Qualitative Health Research

Volume 35 Issue 4-5, April 2025

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

Research article

First published online April 2, 2025

[**Leveraging the Arts to Address and Elevate Vaccine Confidence: A Culturally Responsive and Equitable Evaluation of an Arts Intervention for Black Residents in Rural Georgia**](#)

Brianna D. Smith, Dunstan J. Matungwa <https://orcid.org/0000-0002-4839-709X>, [...], and Marcel W. Foster

Research Ethics

Volume 21 Issue 2, April 2025

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

[Reviewed earlier]

Reproductive Health

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

[Accessed 26 Apr 2025]

[No new digest content identified]

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

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

Latest Articles

[No new digest content identified]

Risk Analysis

Volume 45, Issue 4 Pages: 723-967 April 2025

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

Special Issue: Artificial Intelligence for Risk Analysis and the Risks of AI

EDITORIAL

[Artificial intelligence for risk analysis and the risks of artificial intelligence: Part 1](#)

Vicki Bier, Emanuele Borgonovo, Tony Cox, Cynthia Rudin

Pages: 735-737

First Published: 13 March 2025

Risk Management and Healthcare Policy

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

[Accessed 26 Apr 2025]

[No new digest content identified]

Royal Society Open Science

April 2025 Volume 12 Issue 4

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

[Reviewed earlier]

Science

Volume 388| Issue 6745| 25 Apr 2025

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

Editorial

[Convergence and consensus](#)

H. Holden Thorp

In these days of political instability, geopolitical tensions, and social discontent around the world, there are continued threats to the principles, conduct, and findings of science. This assault on science has been fueled by flooding the public with confusing information from both traditional and digital media. One concept that creates misunderstanding is “scientific consensus.” It’s time to stop using this shorthand and make clear what it really means...

DOI: [10.1126/science.ady3211](https://doi.org/10.1126/science.ady3211)

Policy Forum

[Partisan disparities in the use of science in policy](#)

BY Alexander C. Furnas, Timothy M. LaPira, Dashun Wang

24 Apr 2025: 362-367

Documents from Congress and think tanks reflect differences in how science is cited

Science has long been regarded as essential to policy-making, serving as one of the primary sources of evidence that informs decisions (1, 2) with its particular epistemic authority (3). Its role has become especially vital, as many pressing societal challenges today—from climate change to public health crises to technological advancement—are intricately linked with scientific progress. However, amid rising political polarization (4), a fundamental question remains open: Is science used differently by policy-makers in different parties? Here we combine two large-scale databases capturing policy, science, and

their interactions to examine the partisan differences in citing science in policy-making in the United States. Overall, we observe systematic differences in the amount, content, and character of science cited in policy by partisan factions in the United States. These differences are strikingly persistent across fields of research, policy issues, time, and institutional context...

Science and Engineering Ethics

Volume 31, Issue 2 April 2025

<https://link.springer.com/journal/11948/volumes-and-issues/31-2>

[Reviewed earlier]

Science Translational Medicine

Volume 17| Issue 795| 23 Apr 2025

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

[New issue; No digest content identified]

Scientific Reports

<https://www.nature.com/srep/articles?type=article>

[Accessed 26 Apr 2025]

[No new digest content identified]

Social Science & Medicine

Volume 370 April 2025

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/370/suppl/C>

[Reviewed earlier]

Systematic Reviews

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

[Accessed 26 Apr 2025]

[No new digest content identified]

Theoretical Medicine and Bioethics

Volume 46, Issue 2 April 2025

<https://link.springer.com/journal/11017/volumes-and-issues/46-2>

[Reviewed earlier]

Travel Medicine and Infectious Diseases

Volume 64 March–April 2025

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/64/suppl/C>

[Reviewed earlier]

Tropical Medicine & International Health

Volume 30, Issue 4 Pages: i-iv, 231-321 April 2025

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

[New issue; No digest content identified]

Vaccine

Volume 53 19 April 2025

<https://www.sciencedirect.com/journal/vaccine/vol/53/suppl/C>

Discussion

[Lessons for polio eradication from the geographic variations of vaccine efficacy of oral polio](#)

T. Jacob John, Dhanya Dharmapalan, Robert Steinglass, Norbert Hirschhorn

Discussion Abstract only

[Regional cooperation on pandemic preparedness and vaccine equity from an economic, regulatory and legal perspective](#)

Mei Xuan Jessalyn Chan, Olivier J. Wouters, Hui Yun Chan, Petro Terblanche, ... Mark Jit

Article 127107

Highlights

:: Progress towards a pandemic treaty has stalled amidst global uncertainties.

:: In the interim, it is imperative to strengthen regional cooperation.

:: Areas for cooperation include financial and economic sustainability, regulatory systems strengthening and legal frameworks.

Abstract

The COVID-19 pandemic has underscored the need for a global agreement to strengthen international health regulations. However, progress towards such an agreement has been deferred to a future World Health Assembly and is likely to be further hampered by an increasingly uncertain global geopolitical context, a delay which we cannot afford. In the interim, urgent immediate action to intensify regional cooperation on pandemic preparedness and vaccine equity is needed. The three key aspects of intensified regional cooperation are: financial and economic sustainability, regulatory systems strengthening and legal frameworks that facilitate cooperation. While there is still momentum, the global community must act swiftly and cohesively, intensifying regional cooperation to strengthen governance on pandemic prevention, preparedness and response.

Review article Abstract only

[COVID-19 vaccination uptake in people experiencing homelessness during the first three years of the global COVID-19 vaccination effort: A systematic review and meta-analysis](#)

Laura K. McCosker, Brett Dyer, Terra Sudarmana, Holly Seale, Robert S. Ware

Article 127050

Research article Abstract only

[Assessing the geographic and socioeconomic determinants of vaccine coverage in Ethiopia: A spatial and multistage analysis at the district level](#)

Tom Forzy, Latera Tesfaye, Fentabil Getnet, Awoke Misganew, ... Stéphane Verguet

Article 126834

Research article Open access

[Designing a National Rapid Vaccine Coverage Survey in low-resource settings: Experiences from the Democratic Republic of the Congo 2018–2023](#)

Eric M. Mafuta, Aimée M. Lulebo, Jean-Bosco N. Kasonga, Nono M. Mvuama, ... Paul-Samson D. Lusamba

Article 126956

Research article Open access

Microarray patch vaccines for typhoid conjugate vaccines: A global cost-effectiveness analysis

Marina Antillon, Anna Verjans, Fayad El Sheikh, Tiziana Scarna, Mercy Mvundura
Article 127055

Research article Open access

Religious group membership and conspiracy beliefs influence vaccine uptake: Insights from 20 European countries

Aoife-Marie Foran, Jolanda Jetten, Orla T. Muldoon
Article 127086

Research article Open access

Human papillomavirus awareness, vaccination rate, and sociodemographic covariates of vaccination status in a low-income country: A cross-sectional study in the rural Busoga region of Uganda

Troels Alnor Einarson, Emmanuel Musana, Joseph Balonde, Katinka Bolette Lorentzen, ... Per Kallestrup
Article 127089

Vaccines

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

[Accessed 26 Apr 2025]

Open Access Review

Recent Advances in Mpox Epidemic: Global Features and Vaccine Prevention Research

by Xinling Zhang, Dong-Ang Liu, Yuting Qiu, Ruiyao Hu, Shiyu Chen, Yue Xu, Keyi Chen, Jinghua Yuan and Xiaoping Li

Vaccines 2025, 13(5), 466; <https://doi.org/10.3390/vaccines13050466> - 25 Apr 2025

Abstract

Monkeypox (mpox) is a zoonotic disease (zoonose) caused by the monkeypox virus (MPXV). MPXV, a member of the Orthopoxviridae family, is categorized into two clades, Central Africa (I) and West Africa (II), each of which is further subdivided into subclades a and b. [...]

Open Access Review

Maternal Immunization: Current Evidence, Progress, and Challenges

by Veronica Santilli, Mayla Sgrulletti, Giorgio Costagliola, Alessandra Beni, Maria Felicia Mastrototaro, Davide Montin, Caterina Rizzo, Baldassarre Martire, Michele Miraglia del Giudice and Viviana Moschese
Vaccines 2025, 13(5), 450; <https://doi.org/10.3390/vaccines13050450> - 24 Apr 2025

Abstract

Maternal immunization is a key strategy for protecting pregnant individuals and newborns from infectious diseases. This review examines the mechanisms and benefits of maternal immunization, with a focus on transplacental IgG transfer and immune system interactions. We provide an overview of current recommendations [...]

Open Access Conference Report

WHO Workshop Report: Regulatory Science to Inform Clinical Pathways for Shigella Vaccines Intended for Use in Low- and Middle-Income Countries

by Robert W. Kaminski, Patricia B. Pavlinac, James A. Platts-Mills, Elizabeth T. Rogawski McQuade, William P. Hausdorff, Richard A. Isbrucker, Kirsten S. Vannice, Marco Cavaleri, Sonali Kochhar, Kirsty Mehring-LeDoare, Godwin Enwere, Annelies Wilder-Smith, Karen L. Kotloff, Samba Sow and Birgitte K. Giersing

Vaccines 2025, 13(5), 439; <https://doi.org/10.3390/vaccines13050439> - 23 Apr 2025

Abstract

Infectious diarrhea caused by *Shigella* remains a significant global health concern, and several vaccine candidates are approaching phase III clinical studies in the target population of young children in low- and middle-income countries. The World Health Organization (WHO) has published preferred product characteristics [...]

Open Access Review

[HPV Vaccine Delivery Strategies to Reach Out-of-School Girls in Low- and Middle-Income Countries: A Narrative Review](#)

by Erica N. Rosser, Megan D. Wysong, Joseph G. Rosen, Rupali J. Limaye and Soim Park
Vaccines 2025, 13(5), 433; <https://doi.org/10.3390/vaccines13050433> - 22 Apr 2025

Abstract

Background/Objectives: Low- and middle-income countries (LMICs) have the highest global burden of cervical cancer deaths. Human papillomavirus (HPV) vaccination is a key strategy for cervical cancer elimination, and in LMICs, global recommendations to vaccinate girls aged 9–14 years against HPV are generally implemented [...]

Value in Health

April 2025 Volume 28 Issue 4 p489-670

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

[Reviewed earlier]

World Development

Volume 191 July 2025

<https://www.sciencedirect.com/journal/world-development/vol/191/suppl/C>

Research article Open access

[Illicit animal trade and infectious diseases](#)

Cosimo Beverelli, Rohit Ticku

Article 106969

Highlights

:: Evasionary practices in live animals trade spread infectious animal diseases.

:: Mis-classification and under-pricing drive the impact of illicit trade on infections.

:: Border inspections moderate the effect of illicit trade on animal diseases.

Abstract

Can evasionary practices in the commercial trade of live animals spread infectious animal diseases? We analyze the link between discrepancies in the traded value of live animals that are reported by partner countries – a proxy measure which has been used in the trade literature to uncover evidence on smuggling across items like antiques, cultural property, or natural resources – and infectious animal diseases. The results imply that a 1% increase in illicit live animal trade is associated with a 0.3% to 0.5% rise in infection cases in animals, which is driven by evasionary practices like species mis-classification and under-pricing. Crucially, we demonstrate that robust border inspections effectively curb these risks, offering a practical tool to combat the spread of animal diseases through illicit live animal trade.

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:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

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Pre-Print Servers

arxiv

<https://arxiv.org/>

[Accessed 26 Apr 2025]

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

arXiv:2504.17146 [pdf, html, other]

Utilizing Dynamic Time Warping for Pandemic Surveillance: Understanding the Relationship between Google Trends Network Metrics and COVID-19 Incidences

Michael T. Lopez II, Cheska Elise Hung, Maria Regina Justine E. Estuar

Comments: Submitted and currently under review at the IEEE AMLDS 2025

The premise of network statistics derived from Google Trends data to foresee COVID-19 disease progression is gaining momentum in infodemiology. This approach was applied in Metro Manila, National Capital Region, Philippines. Through dynamic time warping (DTW), the temporal alignment was quantified between network metrics and COVID-19 case trajectories, and systematically explored 320 parameter configurations including two network metrics (network density and clustering coefficient), two data preprocessing methods (Rescaling Daily Data and MSV), multiple thresholds, two correlation window sizes, and Sakoe-Chiba band constraints. Results from the Kruskal-Wallis tests revealed that five of the six parameters significantly influenced alignment quality, with the disease comparison type (active cases vs. confirmed cases) demonstrating the strongest effect. The optimal configuration, which is using the network density statistic with a Rescaling Daily Data transformation, a threshold of 0.8, a 15-day window, and a 50-day radius constraint, achieved a DTW score of 36.30. This indicated substantial temporal alignment with the COVID-19 confirmed cases data. The discoveries demonstrate that network metrics rooted from online search behavior can serve as complementary indicators for epidemic surveillance in urban locations like Metro Manila. This strategy leverages the Philippines' extensive online usage during the pandemic to provide potentially valuable early signals of disease spread, and offers a supplementary tool for public health monitoring in resource-limited situations.

Gates Open Research

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

[Accessed 26 Apr 2025]

[No new digest content identified]

medRxiv

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

[Accessed 26 Apr 2025]

[Filter: All articles]

Incorporating Public Values into Public Health Communications: Effects of Value Affirmations on Intentions to Vaccinate and Trust in the U.S.

Christopher Wolsko, Elizabeth Marino

medRxiv 2025.04.24.25326364; doi: <https://doi.org/10.1101/2025.04.24.25326364>

Abstract

A set of COVID-19 pro-vaccine messages that aligned with key social values of vaccine-hesitant individuals was developed. Two separate experimental tests of these messages were conducted during the Spring of 2021 in the U.S., just as the public rollout of COVID-19 vaccines was getting fully underway. Unvaccinated adults in the U.S. (n=1,170) completed an online survey in which they were randomly assigned to read through one of several different pro-vaccine messages, followed by assessments of their future COVID-19 vaccine likelihood and level of trust in government, health care, and vaccines. Relative to a control condition, messages that affirmed individuals' distrust in the government and concerns over restrictions on personal liberty resulted in higher vaccination likelihood and greater trust. The findings have implications for broadening the value frames of public health appeals and taking seriously how and why vaccine hesitancy acts as a powerful way for people to express their values and authentic social experiences.

The potential impact of reductions in international donor funding on tuberculosis in low- and middle-income countries

Rebecca A Clark, C Finn McQuaid, Alexandra S Richards, Roel Bakker, Tom Sumner, Tomos O Prys-Jones, Rein M G J Houben, Richard G White, Katherine C Horton
medRxiv 2025.04.23.25326313; doi: <https://doi.org/10.1101/2025.04.23.25326313>

Abstract

Background Tuberculosis services in many settings rely heavily on international donor funding. In 2025, the United States Agency for International Development (USAID) was dismantled, and other countries also announced cuts to overseas development assistance. We quantified potential epidemiological impacts attributable to these reductions in international donor funding. **Methods** We calibrated a deterministic tuberculosis model to epidemiological indicators in low- and middle-income countries. We projected three future scenarios assuming: a) levels of funding in 2024 continue through 2035, b) termination of USAID funding from 2025, and c) additional reductions in funding through The Global Fund in line with current donor announcements from 2025. We assumed a reduction in tuberculosis treatment initiation rates proportional to budget reductions for each scenario, estimating cumulative excess incident episodes of symptomatic tuberculosis and tuberculosis deaths. **Findings** We modelled 79 countries, representing 91% of global tuberculosis incidence and 90% of global tuberculosis mortality in 2023. Our modelling suggested that the termination of USAID funding may lead to 420 500 excess tuberculosis deaths by 2035. Further reductions in funding in line with current announcements by the United States, France, the United Kingdom, and Germany may lead to an additional 699 200, 63 100, 50 500, and 30 500 TB deaths, respectively. Impacts would be greatest in low-income countries. **Interpretation** We estimate substantial potential impacts on tuberculosis morbidity and mortality due to reductions in international donor funding. Expanded support from domestic and international donors is essential to address immediate gaps in prevention, diagnosis, and treatment. **Funding** This work was unfunded.

The decrease in childhood vaccination coverage in the Netherlands from birth cohort 2008 to 2020 and its sociodemographic determinants

Joyce Pijpers, Annika van Roon, Maarten Schipper, Marijn Stok, Susan van den Hof, Ruben van Gaalen, Susan Hahné, Hester de Melker
medRxiv 2025.04.24.25326341; doi: <https://doi.org/10.1101/2025.04.24.25326341>

The cost of the plunge: The impact and cost of a cessation of PEPFAR-supported services in South Africa

Gesine Meyer-Rath, Lise Jamieson, Edinah Mudimu, Jeffrey W. Imai-Eaton, Leigh F. Johnson
medRxiv 2025.04.22.25326207; doi: <https://doi.org/10.1101/2025.04.22.25326207>

ABSTRACT

Background Globally, shifts in United States foreign aid policy have put HIV funding under duress. South Africa is unique in the region because its HIV programme is largely domestically funded, although donor funds and partnerships support key components. We estimated the epidemiological

impact of ceased PEPFAR support for specific services and the costs and cost-effectiveness of the South African government (SAG) potentially taking over these services.

Methods We used a costed version of Thembisa, a South African HIV transmission model, to simulate four scenarios: a minimum scenario assuming intervention coverage reducing proportional to PEPFAR's funding share of specific activities in 2023; a maximum scenario assuming additional health system impacts; and sub-scenarios either with 3-year recovery (2029-2031) or no recovery to previous coverage. HIV programme costs were estimated from the provider perspective (SAG) in 2024/25 US dollars.

Results Over 2025-2028, discontinuing PEPFAR funding in South Africa without replacement by SAG would result in 150,000-296,000 additional new HIV infections (29-56% increase) and 56,000-65,000 additional AIDS-related deaths (33-38%). Permanent discontinuation of currently PEPFAR-supported services over the next 20 years increases this to 1.1-2.1 million additional new HIV infections and 519,000-712,000 additional AIDS deaths. To sustain services, SAG needs to spend an additional \$710 million to \$1.5 billion between 2025 and 2028. Under a reduced budget, the most cost-effective interventions to preserve are ART and PrEP.

Conclusion Unmanaged PEPFAR exit from South Africa threatens to undo a decade of progress towards ending AIDS as a public health threat unless services are taken over by other funders, including SAG.

Effectiveness of maternal vaccines and long-acting monoclonal antibodies against respiratory syncytial virus hospitalisations in early life: a scoping review of dynamic modelling studies

Alessandra Bicego, James G Wood, Anthony T Newall, Alexandra B Hogan

medRxiv 2025.04.16.25325979; doi: <https://doi.org/10.1101/2025.04.16.25325979>

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-prints]

[Website not responding at inquiry]

Wellcome Open Research

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

[Accessed 26 Apr 2025]

[No new digest content identified]

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Think Tanks

Brookings [to 26 Apr 2025]

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

Reports, Events

Strengthening cooperation for a changing world: The evolving role of the G20 in global economic governance

Global Economy & Development

Colin I. Bradford, Brahim Sangafowa Coulibaly

April 22, 2025

Center for Global Development [to 26 Apr 2025]

<https://www.cgd-ev.org/>

All Research

No new digest content identified.

Chatham House [to 26 Apr 2025]

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

Selected Analysis, Comment, Events

No new digest content identified.

Council on Foreign Relations [to 26 Apr 2025]

<https://www.cfr.org/media/news-releases>

New Releases [Selected]

No new digest content identified.

CSIS [to 26 Apr 2025]

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

Reports [Selected]

No new digest content identified.

Kaiser Family Foundation [to 26 Apr 2025]

https://www.kff.org/search/?post_type=press-release

Newsroom

[Amid Growing Measles Outbreak, More Americans Are Encountering False Claims About the Measles Vaccine, and Many Aren't Sure What to Believe](#)

April 23, 2025 *News Release*

With health officials reporting 800 measles cases in multiple states already this year, most of the public – and most parents – report hearing at least one false claim about measles or the vaccine for it, and many of them aren't sure what to believe, the latest KFF Tracking Poll...

McKinsey Global Institute [to 26 Apr 2025]

<https://www.mckinsey.com/mgi/overview>

Latest Research

No new digest content identified.

ODI [Overseas Development Institute] [to 26 Apr 2025]

<https://odi.org/en/publications/>

Publications [Selected]

[Public finance in the digital era - emerging themes](#)

22 April 2025 *Research report*

This report looks at digital-era public financial management (PFM) reforms and their potential impact across six areas: public health; climate adaptation and mitigation; local governments; tax administration and domestic revenue mobilisation; the use of artificial intelligence (AI); and fiscal transparency and accountability. Each is covered in its own chapter, outlining emerging themes and identifying areas for future research.

Pew Research Center [to 26 Apr 2025]

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

Latest Publications [Selected]

Report Apr 24, 2025

Free Expression Seen as Important Globally, but Not Everyone Thinks Their Country Has Press, Speech and Internet Freedoms

Overall, a median of 61% of adults across 35 countries say having freedom of the press in their country is very important. But only 28% say the media are completely free to report the news in their country.

Short reads Apr 24, 2025

Americans remain concerned about press freedoms, but partisan views have flipped since 2024

A majority of Democrats (60%) are highly concerned about press freedoms – about double the share of Republicans (28%).

Rand [to 26 Apr 2025]

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

Published Research [Selected]

Research Apr 23, 2025

The Case For Sustaining Wastewater Surveillance Capabilities In The US

Argues that preserving the capabilities delivered by the National Wastewater Surveillance System beyond 2025 should be a public health priority.

Urban Institute [to 26 Apr 2025]

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

New Research Publications - Selected

World Economic Forum [to 26 Apr 2025]

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

Media [Selected]

No new digest content identified.

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Public Consultations/Call for Inputs/Call for Papers

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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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