



Vaccines and Global Health: The Week in Review
19 October 2024 :: Issue 771
Center for Vaccine Ethics & Policy (CVEP)

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

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

Comments and suggestions should be directed to

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Milestones, Perspectives

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World Health Summit 2024

October 13-15

Berlin, Germany & Digital

World Health Summit 2024: „Setting the course for global healthcare"

[Summary Press Release]

The leading international platform for global health ends after three days with over 3,500 participants from 140 countries.

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US\$ 1 billion in new and reaffirmed funding commitments announced for WHO's ongoing Investment Round

14 October 2024 *News release*

In a powerful demonstration of high-level support, the World Health Organization (WHO) today received **nearly US\$ 700 million in new funding commitments from European countries, foundations and others, and another US\$ 300 million in reaffirmed commitments.**

Announced at the **WHO Investment Round Signature Event at the World Health Summit in Berlin hosted by Germany, France, and Norway**, the commitments highlighted the urgent need for investments in the Organization's mission to improve health outcomes worldwide.

The world's global health strategy, WHO's Fourteenth General Programme of Work 2025-2028, was approved by WHO's 194 Member States at the World Health Assembly in May. **The Organization's first ever Investment Round, also launched at the Assembly, aims to ensure that WHO has the predictable, flexible, and resilient funding it needs to effectively partner with countries to implement the strategy.**

German Chancellor Olaf Scholz; the Prime Ministers of Estonia (Kristen Michal), Montenegro (Milojko Spajić), and Norway (Jonas Gahr Støre); government Ministers and representatives of Germany, France, Norway, Denmark, Finland, Greece, Ireland, Luxembourg, Malta, the Netherlands, Spain, and the United Kingdom of Great Britain and Northern Ireland (UK); Wellcome CEO John-Arne Røttingen; European Commission President Ursula von der Leyen; Gates Foundation Chair Bill Gates; and Gavi CEO Sania Nishtar were among leaders making commitments or speaking in support of WHO during the high-level event.

Federal Chancellor Scholz said **Germany** was committing nearly US\$ 400 million of funding to WHO over the next four years, including more than US\$ 260 million in new voluntary funding. In his address, the Chancellor said: "The WHO's work benefits us all. What it needs for this work is sustainable financing that gives it the certainty to plan ahead and the flexibility to react."

Global health foundation partners and CEOs made pledges including Wellcome, with a US\$ 50 million commitment, and the Institute for Philanthropy, Resolve to Save Lives, and the World Diabetes Foundation each committing or recommitting US\$ 10 million.

The **WHO Foundation's** CEO Anil Soni announced a US\$ 50 million commitment to the Investment Round, which includes part of a US\$ 57 million pledge from **Foundation S and Sanofi** to support

WHO's global health agenda, and at least US\$ 30 million in contributions from other philanthropic and private sector partners, including new commitments from Boehringer Ingelheim and Novo Nordisk.

Governments and partners have already been making significant pledges to the Investment Round, including **16 African governments** so far, and in Berlin the Minister of Health for Mauritania, speaking on behalf of the African Union, reconfirmed support for a successful outcome to the Investment Round. Announcing plans to pledge or continue funding WHO were France, Spain, the UK, and the Gates Foundation.

Dr Tedros Adhanom Ghebreyesus, WHO Director-General, concluded the event by thanking donors and partners: "We know that we are making this ask at a time of competing priorities and limited resources. That's why I have asked every Member State and every partner to step up. Every contribution counts. Once again, my deep thanks to Chancellor Scholz, co-hosts France and Norway, and the World Health Summit for the event tonight, and to all countries and partners who have announced pledges."

The event marked a milestone in the Investment Round engagement process which will culminate at next month's G20 leaders' Summit, chaired by Brazilian President Lula da Silva. The Summit will be a moment for leaders to pledge additional resources for WHO, further advancing global health equity...

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Pandemic Preparedness

[Pandemic Fund Allocates Second Round of Grants to Boost Pandemic Preparedness in 50 Countries](#)

WASHINGTON DC, October 18, 2024 — Concluding its second funding round, the **Pandemic Fund's Governing Board approved on October 17 US\$418 million in new grants designed to bolster pandemic prevention, preparedness, and response (PPR) capacities in 40 countries across six geographical regions.**

These grants will provide much-needed investments to strengthen disease surveillance and early warning systems, upgrading laboratories, and building health workforce. **This latest allocation is in addition to the US\$128.89 million approved on September 19 for five fast-tracked projects to support 10 countries impacted by the mpox** Public Health Emergency of International Concern (PHEIC), bringing the total funding awarded under the second round to US\$547 million, which will mobilize an additional US\$4 billion for investments in PPR in benefiting countries.

Over 50 percent of the funds awarded under the second round are for countries in sub-Saharan Africa – the region with the highest demand for Pandemic Fund grants. **Over 74 percent of the funded projects will benefit low- and lower-middle income countries.** These new investments advance the Pandemic Fund's objectives to mobilize additional, dedicated resources for pandemic PPR, incentivize countries to increase their own investments, and enhance coordination...

"The escalating risk of pandemics driven by climate change, migration, fragility and conflicts, underscores the importance and urgency of this new round of investments by the Pandemic Fund. This will provide much-needed support as countries work towards meeting their obligations under the newly amended International Health Regulations," said Priya Basu, Executive Head of the Pandemic Fund. "I am pleased that the Pandemic Fund can provide this second, larger round of catalytic financing in response to unprecedented country demand, with the engagement of so

many international partners and civil society organizations. This is a tremendous show of global solidarity.”

The Pandemic Fund’s two rounds of funding to date amount to US\$885 million, mobilizing an additional US\$6 billion in support of 75 countries, half of which are low- and middle-income countries. These funds will fill capacity gaps to prevent, prepare for, and respond to pandemics.

Launched in November 2022 with strong support from the G20 and beyond, the Pandemic Fund is the first multilateral financing mechanism dedicated to helping low- and middle-income countries become better prepared for future pandemics. Hosted by the World Bank Group, the Pandemic Fund raised \$2 billion in seed capital from 27 sovereign and philanthropic contributors and has launched a resource mobilization campaign seeking another US\$2 billion in contributions for its investment case over the next two years...

Alphabetical order of beneficiary country at title link.

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Polio – PHEIC

Polio this week as of 16 October 2024 - GPEI

Headlines

:: The second round of polio vaccination in Gaza is ongoing this week, to reach more than half a million children with a second dose of polio vaccine. More. Daily updates from the campaign are posted here.

The campaign is not only supporting to deliver polio vaccine and Vitamin A, but also providing supportive supervision to improve immunization coverage across the campaign and monitoring the activity. Click here to view a short video from the ongoing campaign.

:: G7 Leaders recommit to polio eradication – following the recent G7 Leaders’ meeting in Apulia, Italy, the G7 Leaders reaffirmed their commitment to polio eradication, in their official Communiqué (see page 31 of Communiqué): “We recommit to ending... neglected tropical diseases and polio as public health threats...”

:: EMRO Member States redouble commitments for lasting polio-free world at Regional Committee: The 12th meeting of the Regional Subcommittee for Polio Eradication and Outbreaks was held during the 71st session of the WHO Eastern Mediterranean Region’s Regional Committee, marking another crucial step in the region’s pursuit of a polio-free future. The session witnessed robust participation, with a high number of interventions from Member States and members of the Regional Subcommittee, each highlighting their individual and collective efforts to eradicate polio and ensure its lasting elimination. More.

:: Dr Sania Nishtar, Chief Executive Officer of Gavi, the Vaccine Alliance, and Svenja Schulze, German Federal Minister for Economic Cooperation and Development, newest polio Gender Champions: A healthier, more resilient, polio-free world is achievable—but only with women in the lead. We welcome @SvenjaSchulze68 and @SaniaNishtar as the Global Polio Eradication Initiative’s newest Gender Champions and thank them for making this future a reality! More.

:: Polio Oversight Board (POB) announces strategy extension and revised budget: meeting in the margins of the World Health Summit in Berlin, Germany, this week, the Polio Oversight Board of the Global Polio Eradication Initiative (GPEI), consisting of the heads of the core GPEI partners, endorsed a strategy extension through 2029 with an associated, revised budget to achieve a lasting world free of all forms of poliovirus. More.

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

- Pakistan: four WPV1 cases and 15 WPV1-positive environmental samples
- Ethiopia: two cVDPV2 cases
- Occupied Palestinian territory : five cVDPV2-positive environmental samples

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[occupied Palestinian territory](#)

Gaza Polio Campaign September 2024

Daily updates on the polio vaccination campaign.

- [Download day 1 updates](#)
- [Download day 2 updates](#)
- [Download day 3 and 4 updates](#)
- [Download day 5 updates](#)
- [Download day 6 and 7 updates](#)
- [Download day 8 and 9 updates](#)
- [Download day 10 updates](#)

Gaza Polio Campaign October 2024

[Download day 1 updates](#)

[Download day 2 updates](#)

[Download day 3 updates](#)

ROUND 2 - 16 OCTOBER 2024

HIGHLIGHTS: Phase 1 of the polio vaccination campaign concluded in central Gaza on 16 October following three robust days of polio vaccination and Vitamin A supplement delivery to the eligible children.

Day 3 update:

- Phase 1 of the second polio campaign finished strong: The cumulative number of children between 2 and 10 years who received Vitamin A during the three days of the phase 1 is 148 864.
- Polio vaccination and Vitamin A will continue to be offered to families who haven't received vaccination in the first 3 days of the campaign from 8 large Health Facilities in the area (which includes 3 in Nuseirat, 2 in Zwaida and 3 in Deir al Balah) from 17 October until the completion of phase 3 (22 October). Figures of cumulative coverage for phase 1 will be revised.
- Most teams operated as mobile teams on Day 3 in an effort to reach unvaccinated children in communities dwelling in shelter homes and tents.
- Social mobilization kicked off 3 days ahead of phase 1 started and involved community awareness generation, engaging families and identifying unvaccinated children during campaign days. Their efforts were supported by town criers who visited remote communities, including shelter homes/tents.
- Intra-campaign monitoring reports identified a cluster of refusals on Day 3 due to vaccine-related rumours. This was referred to the EOC, who are working towards ensuring eligible children are covered.

Polio this week in occupied Palestinian territory

- Five cVDPV2-positive environmental samples were reported this week, from Gaza, all collected on 5 September, and as such do not represent 'breakthrough' transmission following the first outbreak response campaign (held 1-12 September).
- No cVDPV2 cases were reported this week. The total number of cases from Gaza this year remains one.

International Health Regulations

Countries affected by poliovirus circulation are subject to temporary recommendations issued by the Emergency Committee of the International Health Regulations on Poliovirus, under the auspices of the Public Health Emergency of International Concern. The latest report by the Committee is effective July 2024.

Travel advice

WHO's International Travel and Health recommends that all travellers to polio-affected areas be fully vaccinated against polio. Residents (and visitors for more than 4 weeks) from infected areas should receive an additional dose of OPV or inactivated polio vaccine (IPV) within 4 weeks to 12 months of travel.

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[GPEI Announces Strategy Extension and Revised Budget to Protect All Children from Polio](#)

BERLIN 17 October 2024 –

...Recognizing remaining challenges, the GPEI's Polio Oversight Board (POB) made **the difficult but necessary decision in July to extend the timelines needed to achieve polio eradication—to the end of 2027 for wild poliovirus and the end of 2029 for type 2 variant poliovirus**. That decision was informed by critical analysis and expert consultations, and extended timelines require additional financial resources to support ongoing eradication activities.

Yesterday, the POB determined that the total funding needs of the extended 2022-2029 strategic period are US\$6.9 billion, an increase from the US\$4.8 billion projected for the 2022-2026 strategic period. To date, donors have already committed an incredible US\$4.5 billion to the strategy, but US\$2.4 billion more is urgently needed to overcome today's challenges and make polio history...

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Cholera

[Multi-country outbreak of cholera, External situation report #19 - 18 October 2024 - WHO](#)

Overview

From 1 January to 29 September 2024, a cumulative total of 439 724 cholera cases and 3432 deaths were reported globally across five WHO regions. Although the number of cases in 2024 is 16% lower than last year, the 126% spike in deaths is deeply concerning. The increase in mortality may partly be attributed to the specific locations of these outbreaks, which include conflict-affected areas where access to healthcare is severely compromised, regions experiencing massive flooding that has damaged critical infrastructure, and areas with inadequate medical facilities. These challenges are particularly pronounced in rural and remote regions, where delays in accessing treatment are common due to poor infrastructure and limited healthcare resources.

Since the last report, new cholera outbreaks have been reported in Niger (705 cases and 17 deaths) and Thailand (five cases with no deaths), pushing the total number of affected countries in 2024 to 30.

As of 14 October, the global stockpile of Oral Cholera Vaccine is depleted, with no remaining doses available. Although more doses are expected in the coming weeks, this shortage poses significant challenges to outbreak response efforts and hampers efforts to control the spread of the disease.

[Situation Report excerpt]

Key challenges

The response to the global spread and surge of cholera is complicated by several challenges:

- Cholera's highly infectious nature, compounded by natural disasters and climatic effects, significantly hampers containment efforts.
- Inadequate WASH infrastructure and lack of reliable data continue to drive cholera transmission in affected regions.
- **Insufficient OCV stocks**, which hinder the implementation of preventive vaccination and allow campaigns to be implemented only in the most affected areas, leaving vulnerable populations exposed to continued transmission.
- Barriers to care in fragile, conflict, and violence (FCV) zones or areas experiencing social unrest, making it difficult for affected populations to access treatment and prevention services.
- Surveillance and reporting gaps, with limited capacity and delayed data due to political and economic challenges, hindering timely response.
- Heightened risk of cross-border transmission, fueled by porous borders, inadequate surveillance, and low community awareness.
- Insufficient coordination between governments, NGOs, and international agencies, affecting the overall effectiveness of response efforts.
- Staff shortages, with insufficient experienced personnel available for deployment during emergencies, further complicating response efforts.
- Exhausted national response capacities, as countries face concurrent large-scale cholera outbreaks and other emergencies, straining resources.
- Funding and resource gaps, with the international community and member states needing to prioritize cholera response by allocating sufficient resources for prevention, preparedness, and outbreak management.

Next steps

To address the challenges identified above, WHO, UNICEF, IFRC, and partners will continue to work together.

- Cholera scenario planning and forecasting will continue to be updated, considering the impact of severe climatic events at global, regional, and national levels.
- WHO will continue advocating for investment in cholera preparedness and response, emphasizing that long-term investment is essential for sustainable solutions, while immediate investment is needed for rapid emergency response to the current surge in cases. Briefs to donors and roundtables will be organized to facilitate these investments.
- WHO and UNICEF, in collaboration with partners, will continue streamlining the supply of essential cholera materials, including vaccines, ensuring availability based on prioritization of needs.
- WHO, along with partners such as the GTFCC, will support Ministries of Health and implementing partners with the latest information and resources to enable prevention and response activities in a constrained environment.
- Improving response planning at the country level will help increase efficiency and ensure more effective cholera interventions.
- Cross-border coordination improvement will be prioritized by establishing coordination structures that can share data, harmonize surveillance systems, and implement joint interventions to serve highly mobile populations.

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The Lancet

Oct 19, 2024 Volume 404 Number 10462 p1493-1614
<https://www.thelancet.com/journals/lancet/issue/current>

Editorial

[Cholera: a pandemic ignored](#)

The Lancet

The seventh pandemic of cholera—an easily preventable and treatable disease—has claimed millions of lives since 1961, driven by the El Tor biotype. In January, 2023, WHO classified the most recent global cholera resurgence as a grade 3 emergency—an event requiring a major to maximal response. More than 500 000 cases were subsequently reported in 2023—with the highest counts in Afghanistan, Haiti, and the Democratic Republic of the Congo—resulting in 4007 deaths, a 71% increase in deaths from the previous year. Yet **the disease continues to be neglected in health agendas and on the political stage.** How can such a pandemic have been left to persist for so long?

The failure to implement effective water, sanitation, and hygiene (WASH) practices lies at the core of this neglect. Despite global commitments to Sustainable Development Goal 6, which aims for universal access to sustainable water and sanitation, a world health statistics WHO report indicates that in 2020, 2 billion people lacked access to safe drinking water. Only 54% of the global population were using safely managed sanitation services. About three in ten people worldwide did not have a basic handwashing facility with water and soap at home. The benefits of sustainable WASH go beyond cholera; neglected tropical diseases, for example, disproportionately affect poor and marginalised populations, and their prevention is closely tied to access to clean water and sanitation. In many countries, implementation of WASH has for too long been left to a combination of donors and non-professional, local solutions. An upcoming Lancet Commission on WASH will explore these issues. Access to clean water and sanitation is a fundamental human right, yet marginalised communities remain underserved, highlighting the urgent need for governments to work with donors to ensure both immediate relief and long-term investment in WASH infrastructure.

There have been further failures in providing cholera vaccination and treatment to those who need it. Gavi has supplied many millions of doses but bottlenecks in vaccine production and distribution mean that supply remains fragile, with EuBiologics the sole manufacturer. A global stockpile of the oral cholera vaccine for emergency use in outbreaks was established in 2013, with 2 million doses available globally. By 2023, production had expanded to 36 million doses, yet earlier this year the stockpile was entirely depleted despite the decision in October, 2022, to maximise reserves by switching from a two-dose regimen to a single-dose regimen for outbreak response. Gavi expects that the recent prequalification of the new simplified vaccine, Euvichol-S, which offers similar efficacy to existing vaccines, will help alleviate vaccine shortage by 2025 due to its easier and cheaper production.

However, cholera's resurgence transcends mere technical failures. It is deeply entrenched in the broader systemic issues of war, climate change, and social inequities. Conflict weakens, if not destroys, health systems, while extreme weather events and climate-related environmental stressors degrade water safety, increasing the risks of waterborne illnesses such as cholera. Haiti, once cholera-free, had a catastrophic outbreak after UN peacekeepers inadvertently introduced the disease following the 2010 earthquake. Cholera is now endemic in the country.

More recently, Sudan has seen a major outbreak of cholera following severe conflict in the country combined with flooding associated with climate change. As described by Yousif Ali and colleagues in a Correspondence, prolonged fighting has severely affected health facilities and caused mass displacement of people, hampering disease control, prevention, and treatment. Recent flooding has also displaced large populations in Nigeria, further straining already limited resources and complicating the response to the largest cholera outbreak in the country for decades. The Nigerian Government has been criticised by civil society groups for its insufficient response to predictably recurring cholera outbreaks, stressing the need for urgent and substantial investment in water and sanitation.

The resurgence of cholera presents a dire threat to health. The Global Task Force on Cholera Control aims to reduce cholera deaths by 90% from 2015 levels by 2030, a goal that is increasingly

unlikely without immediate and coordinated action. **Cholera's high mortality rate and devastating wider impacts have been too long neglected, most likely because of the people and countries it most affects.** Technical interventions are vital, but at its heart, cholera is a disease driven by conflict, displacement, and extreme poverty. Unless we attend to those root causes, cholera will continue to thrive.

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WHO & Regional Offices [to 19 Oct 2024]

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

Selected News/Announcements/Statements

17 October 2024 *News release*

[**WHO in Lebanon working to stop cholera spread amid conflict**](#)

16 October 2024 *News release*

[**Parliamentarians unite in Berlin to sign global statement supporting the WHO Pandemic Agreement**](#)

16 October 2024 *Statement*

[**Attacks on hospitals and health workers jeopardize provision of health in Lebanon**](#)

16 October 2024 *News release*

[**Qatar-WHO partnership leaves legacy for safer, healthier mega-sporting events**](#)

14 October 2024 *News release*

[**US\\$ 1 billion in new and reaffirmed funding commitments announced for WHO's ongoing Investment Round**](#)

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region

:: 15 October 2024

[**Senegal becomes first African country to establish emergency medical team following WHO standards**](#)

WHO Region of the Americas PAHO

:: 17 Oct 2024

[**Health emergencies and cervical cancer elimination among priority issues during PAHO Director's official visit to European Union and Spain**](#)

Brussels, Belgium/Madrid, Spain, 17 October 2024 (PAHO) – Strengthening collaboration on issues such as emergency prevention, preparedness and response, cervical cancer elimination, and regional production of medicines and health technologies, was the main focus of PAHO Director, Dr Jarbas Barbosa's official visits to Belgium and Spain this week...

:: 16 Oct 2024

[PAHO issues update on Oropouche fever](#)

Washington, DC, October 16, 2024 (PAHO) – The Pan American Health Organization (PAHO) has issued an epidemiological update on Oropouche virus disease (OROV), highlighting the importance of strengthening diagnosis, clinical management, prevention, and vector control measures in the Americas region. Since the beginning of the year to early October,...

:: 15 Oct 2024

[PAHO report highlights urgent need to improve access to health for migrant populations in the Darien Region](#)

Washington D.C. 15 October 2024 (PAHO) – A report launched today by the Pan American Health Organization (PAHO) documents main challenges faced by migrants in the Darien region and calls on countries of the Americas to work together to strengthen disease surveillance and improve policies and programs to ensure migrant health. The new report,...

WHO South-East Asia Region SEARO

No new digest content identified.

WHO European Region EURO

:: **[74th session of the WHO Regional Committee for Europe](#)**

29–31 October 2024, Copenhagen, Denmark

WHO Eastern Mediterranean Region EMRO

:: **[Seventy-first session of the WHO Regional Committee for the Eastern Mediterranean](#)**

14-17 October 2024

WHO Western Pacific Region

:: 17 October 2024 *News release*

[Despite health gains, urgent action needed to meet health-related Sustainable Development ...](#)

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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 #19 - 18 October 2024](#)

[Sudan conflict – Situation in refugee-hosting countries, Multi-country External Situation Report #5, covering the reporting period September 2024](#)

16 October 2024

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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.

18 October 2024 | Marburg virus disease - Rwanda

Situation at a glance

As of 17 October 2024, a total of 62 Marburg virus disease cases, including 15 deaths (CFR: 24.2%), have been reported in Rwanda, with forty-three recoveries. Contact tracing is underway, with over 800 contacts under follow-up as of 14 October 2024. In October, a surge team from WHO was deployed to support the in-country response across the functions of incident management: epidemiology, health operations, case management, health logistics, vaccines research, partner coordination and infection prevention and control.

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Weekly Epidemiological Record

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

Vol. 99, No. 42, pp. 591–608 18 October 2024

PDF: <https://iris.who.int/bitstream/handle/10665/379277/WER9942-eng-fre.pdf>

:: WHO's Health Emergencies Programme: acute emergencies monthly summary – September 2024

:: Update on vaccine-derived poliovirus outbreaks – worldwide, January 2023–June 2024

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New WHO Publications

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

Selected

18 October 2024

Infection prevention and control and water, sanitation and hygiene measures for home care and isolation...

17 October 2024

Risk communication and community engagement readiness and response toolkit: zika virus

16 October 2024

All for Health, Health for All: investment case 2025–2028

16 October 2024

Surveillance of health care-associated infections at national and facility levels

16 October 2024

Paediatric drug optimization for cancer medicines: meeting report, January 2024

16 October 2024

Preparing and responding to the COVID-19 pandemic in Cambodia

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USA – HHS, FDA, CDC

HHS

News

No new digest content identified.

FDA

Press Announcements

No new digest content identified.

FDA VRBPAC

Advisory Committee Calendar

No new meetings identified.

CDC/ACIP [U.S.] [to 19 Oct 2024]

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

Latest News

No new digest content identified.

ACIP Meetings

Next ACIP Meeting

October 23-24, 2024

:: [Agenda for October 23-24](#)

:: [Anticipated Votes](#)

MMWR Weekly

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

October 17, 2024 / No. 41

[PDF of this issue](#)

- [Update on Vaccine-Derived Poliovirus Outbreaks — Worldwide, January 2023–June 2024](#)
- [Coverage with Selected Vaccines and Exemption Rates Among Children in Kindergarten — United States, 2023–24 School Year](#)
- [Notes from the Field: Enhanced Surveillance for Raccoon Rabies Virus Variant and Vaccination of Wildlife for Management — Omaha, Nebraska, October 2023–July 2024](#)

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Europe

European Medicines Agency [EMA]

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

News & Press Releases

[Meeting highlights from the Committee for Medicinal Products for Human Use \(CHMP\) 14-17 October 2024](#)

Ten new medicines recommended for approval; another six medicines recommended for extension of their therapeutic indications

18 October 2024

European Centre for Disease Prevention and Control

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

News/Updates/Reports/Publications [Selected]

[EU agencies meet in Parma to discuss One Health research coordination in the EU/EEA](#)

18 Oct 2024

[First workshop on AI awareness for threat detection and epidemic intelligence](#)

18 Oct 2024

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Africa CDC [to 19 Oct 2024]

<https://africacdc.org/>

Press Releases, Statements [Selected]

Press Releases

[Joint Press Statement | Global Gateway: EU provides €20 million additional funding towards the Africa CDC-WHO Mpox preparedness and response plan](#)

ADDIS ABABA, 15 October – Jutta Urpilainen, European Commissioner for International Partnerships, has announced an additional €20 million funding towards the fight against Mpox outbreak in the Democratic Republic of the Congo (DRC). This additional funding contributes to the DRC's Mpox response and supports preparedness against epidemics as part of the EU's objective to support the strengthening of health systems in Africa...

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China CDC

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

National Health Commission of the People's Republic of China [to 19 Oct 2024]

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

News

No new digest content identified.

National Medical Products Administration – PRC [to 19 Oct 2024]

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

News

No new digest content identified.

China CDC

CCDC Weekly Reports: Current Volume (6)

2024-10-18 / No. 42

[PDF of this issue](#)

- Preplanned Studies: Patient Delay in the Diagnosis of Pulmonary Tuberculosis in the Elderly — China, 2015–2023
- Preplanned Studies: Characterization of a New HIV-1 Circulating Recombinant Form CRF142_BC — Yunnan, China, 2015 and 2021
- Preplanned Studies: Psychoactive Substance Use and the Impact on the AIDS Epidemic Among the MSM Population: a Meta-Analysis — Worldwide, 2014–2023
- Preplanned Studies: Assessment of the Potential for Cross-Border Transmission of Infectious Diseases via Commercial Air Travel — Shanghai Municipality, China, 2019–2023
- Methods and Applications: Risk Assessments for Type 1 Wild Poliovirus and Type 2 Vaccine-Derived Poliovirus Importation and Transmission — China, 2023

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Organization Announcements

Paul G. Allen Frontiers Group [to 19 Oct 2024]

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

News

No new digest content identified.

BMGF - Gates Foundation [to 19 Oct 2024]

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

Press Releases & Statements

No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 19 Oct 2024]

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

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

News: Articles and Publications

No new digest content identified.

CARB-X [to 19 Oct 2024]

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

News

10.18.2024 |

[Italy announces grant to CARB-X at G7 meeting](#)

The Government of Italy has announced a commitment of US\$21 million over the next three years to support the Combating Antibiotic-Resistant Bacteria Biopharmaceutical Accelerator (CARB-X). The announcement was made at the G7 Joint Finance and Health Ministers' Meeting in Ancona on October 10, 2024.

CEPI – Coalition for Epidemic Preparedness Innovations [to 19 Oct 2024]

<http://cepi.net/>

CEPI News

News

[100 days to save eight million lives](#)

Deploying effective COVID-19 vaccines in 100 days could have saved over eight million lives.

16 Oct 2024

News

[Canadian scientists to optimise vaccine process for faster outbreak response](#)

15 Oct 2024

...Experts at the National Research Council of Canada (NRC) are working with the Coalition for Epidemic Preparedness Innovations (CEPI) to bioengineer a commonly used approach to safely make protein antigens—components of vaccines that help trigger an immune response in the human body—in as little as two weeks. This is around eight to twelve times faster than the time currently taken to produce antigens for protein-based vaccines.

CEPI is providing up to CAD \$850,000 and the NRC is providing up to CAD \$308,000 (in kind) to establish proof-of-technology for this project...

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 19 Oct 2024]

<https://cioms.ch/>

News; Publications; Events

No new digest content identified.

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 19 Oct 2024]

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

News

No new digest content identified.

Duke Global Health Innovation Center [to 19 Oct 2024]

<https://dukeghic.org/>

News

No new digest content identified.

EDCTP [to 19 Oct 2024]

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

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

News

No new digest content identified

Emory Vaccine Center [to 19 Oct 2024]

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

Vaccine Center News

No new digest content identified.

European Vaccine Initiative [to 19 Oct 2024]

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

Latest News, Events

ShigaPlexIM: SUNSHINE trial begins testing new shigellosis vaccine

The phase Ia/b trial for the InvaplexAR-Detox/dmLT vaccine started at LUMC, in Netherlands.

Evidence Aid [to 19 Oct 2024]

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

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

It is with great sadness that we announce the closure of Evidence Aid as a charity on 31 October 2024. This difficult decision had to be taken despite best efforts, due to insufficient funds to continue the operation of the charity and a lack of prospects for further funding.

Resources [Selected]

[**SARS-CoV-2-neutralising monoclonal antibodies to prevent COVID-19**](#)

Added October 7, 2024

Fondation Merieux [to 19 Oct 2024]

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

News, Events

No new digest content identified.

Gavi [to 19 Oct 2024]

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

Press Releases

18 October 2024

[**Nigeria receives malaria vaccines ahead of roll-out**](#)

GE2P2 Global Foundation [to 19 Oct 2024]

www.ge2p2.org

News/Analysis/Publications-Digests/Statements

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

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

:: [Public Consultations Watch :: Global Calls for Input/Public Comment – 16 Oct 2024 – Issue 24](#)

GHIT Fund [to 19 Oct 2024]

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

Press Releases

No new digest content identified.

Global Fund [to 19 Oct 2024]

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

News Releases

16 October 2024

[**Global Fund Approves US\\$5 Million for Rwanda's Mpox Response, Expands Emergency Support Across the African Continent**](#)

To respond to the mpox outbreak spreading in Africa, the Global Fund to Fight AIDS, Tuberculosis and Malaria (the Global Fund) has approved additional funding for Rwanda and several reinvestments in other affected countries.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 19 Oct 2024]

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

News

[Pandemic Preparedness at the World Health Summit](#)

October 18, 2024

Hilleman Laboratories [to 19 Oct 2024]

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

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 19 Oct 2024]

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

Press Room

[Solving a 50-Year-Old Mystery Could Lead to Neurodegenerative Disease Treatments](#)

October 17, 2024

Human Immunome Project [nee Human Vaccines Project] [to 19 Oct 2024]

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

News

No new digest content identified.

IAVI [to 19 Oct 2024]

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

News, Features

Features

[IAVI reflects on the changing HIV prevention landscape at HIVR4P 2024](#)

October 18, 2024

Cross-disciplinary conversations highlighted recent progress in HIV vaccine and antibody research, as well as the importance of choice and community collaboration when developing HIV prevention strategies.

INSERM [to 19 Oct 2024]

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

Press Releases

No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]

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

Selected Statements, Press Releases, Research

No new digest content identified.

ICH [International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use] [to 19 Oct 2024]

[https://www.ich.org/News/Pubs/Press Releases](https://www.ich.org/News/Pubs/Press%20Releases) [Selective]
No new digest content identified.

ICRC [to 19 Oct 2024]
<https://www.icrc.org/en/whats-new>
What's New [Selected]
No new digest content identified.

IFFIm
<http://www.iffim.org/>
Press Releases/Announcements
No new digest content identified.

IFRC [to 19 Oct 2024]
<http://media.ifrc.org/ifrc/news/press-releases/>
Press Releases [Selected]
No new digest content identified.

Institut Pasteur [to 19 Oct 2024]
<https://www.pasteur.fr/en/press-area>
Press Documents
No new digest content identified.

ISC / International Science Council [to 19 Oct 2024]
<https://council.science/current/>
ISC is a non-governmental organization with a unique global membership that brings together 40 international scientific Unions and Associations and over 140 national and regional scientific organizations including Academies and Research Councils.
Latest Updates
blog

14 October 2024

[Who shapes the future of science? Examining the stark gender imbalance in scientific leadership](#)

Despite comprising a third of the global research workforce, women are notably absent from the upper echelons of scientific influence, with only 16% of fellows in science academies worldwide. This disparity is more than a statistic; it reflects whose voices are being heard and whose contributions are rendered invisible. As the world increasingly relies on scientific expertise to address existential challenges – from pandemics to climate change - the glaring gender gap within science and its leadership raises a pressing question: whose voices are shaping the future of science?

International Union of Immunological Societies (IUIS)

<https://iuis.org/>
News/Events [Selected]

[IUIS 2025: Empower the Next Generation of Scientists!](#)

October 10, 2024

We need your help to bring 500 early-career scientists from low-and middle-income countries...

IVAC [to 19 Oct 2024]

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

Updates; Events

No new digest content identified.

IVI [to 19 Oct 2024]

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

IVI News & Announcements

No new digest content identified.

Johns Hopkins Center for Health Security [to 19 Oct 2024]

<https://centerforhealthsecurity.org/newsroom>

Center News [Selected]

No new digest content identified.

MSF/Médecins Sans Frontières [to 19 Oct 2024]

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

Latest [Selected Announcements]

Gaza-Israel war

[Last remaining hospitals in North Gaza under siege and population trapped](#)

Statement 19 Oct 2024

TACTiC – Test, Avoid, Cure Tuberculosis in Children

[Urgent action needed as governments and donors fail children with tuberculosis](#)

Press Release 15 Oct 2024

National Academy of Medicine - USA [to 19 Oct 2024]

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

News [Selected]

No new digest content identified.

National Academies-Sciences-Engineering-Medicine [NASEM]- USA [to 19 Oct 2024]

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

News

[Workshop Explores the 'Opportunity and Perils' of Using AI in Medical Diagnosis](#)

Most people will experience at least one diagnostic error in their lifetime, sometimes with devastating consequences. A recent workshop explored some of the potential benefits and risks involved in using AI and other digital tools to improve medical diagnoses.

2024-10-14 Feature Story

National Vaccine Program Office - U.S. HHS [to 19 Oct 2024]

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

Upcoming Meetings/Latest Updates

No new digest content identified.

NIH [to 19 Oct 2024]

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

News Releases

[Mpox vaccine is safe and generates a robust antibody response in adolescents](#)

October 16, 2024 — NIH clinical trial addresses knowledge gap on vaccine use in adolescent populations

PATH [to 19 Oct 2024]

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

Newsroom

No new digest content identified.

Sabin Vaccine Institute [to 19 Oct 2024]

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

Latest News & Press Releases

[Sabin Dispatches Additional Vaccines to Rwanda for Marburg Outbreak](#)

October 12, 2024

UNAIDS [to 19 Oct 2024]

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

News, Stories, Updates

Press release

[UNAIDS welcomes the Spanish government's announcement of a new € 1 million contribution to overcome the global AIDS pandemic](#)

GENEVA, 15 October 2024

UNICEF [to 19 Oct 2024]

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

Latest press releases, news notes and statements

Statement 18 October 2024

[Statement by UNICEF Deputy Executive Director for Humanitarian Action and Supply Operations Ted Chaiban on the near-blockade of aid and access in North Gaza](#)

NEW YORK, 18 October 2024 - "The situation in northern Gaza is extremely grave. Renewed mass forced displacement, increased conflict, and ongoing military obstruction that amounts to an effective-blockade has cut off hundreds of thousands of children and families from vital humanitarian aid. "The number of aid trucks entering the north has reduced...

Press release 16 October 2024

[Increasing bombardment damaging essential services and putting children in Lebanon at great risk](#)

BEIRUT, 16 October 2024 – Children in Lebanon are at growing risk of health and protection issues – including waterborne diseases like cholera, hepatitis and diarrhoea – as the continued bombardment of the country increasingly disrupts and damages essential services that families rely on. At le...

Statement 15 October 2024

[Urgent humanitarian response needed amidst escalating conflict in Lebanon – WFP and UNICEF](#)

BEIRUT, 15 October 2024 – “During a three-day visit to Lebanon, we witnessed the devastation and sensed people’s fear and confusion. For them, the future remains uncertain as long as their country is under fire. The war that the world wanted to avoid in Lebanon is now happening and has already triggered a cat...

Press release 14 October 2024

[Nearly two million severely malnourished children at risk of death due to funding shortages for therapeutic food](#)

NEW YORK, 15 October 2024 – Nearly two million children suffering from severe wasting, also known as severe acute malnutrition, are at risk of death due to funding shortages for life-saving Ready-to-use-Therapeutic-Food (RUTF) to treat wasting, UNICEF warned today. Levels of severe wasting in children u...

Unitaid [to 19 Oct 2024]

<https://unitaid.org/>

Featured News

No new digest content identified.

Vaccine Equity Cooperative [nee Initiative] [to 19 Oct 2024]

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

News

Website not responding at inquiry.

Vaccination Acceptance & Demand Initiative [Sabin] [to 19 Oct 2024]

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

Announcements, Blog

No new digest content identified.

Vaccine Confidence Project [to 19 Oct 2024]

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

News, Research and Reports

No new digest content identified.

Vaccine Education Center – Children’s Hospital of Philadelphia [to 19 Oct 2024]

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

News

No new digest content identified.

Wellcome Trust [to 19 Oct 2024]

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

News. Opinion, Reports

Analysis

Charlie Weller

Vaccines have a crucial role in tackling antimicrobial resistance

14 October 2024

The Wistar Institute [to 19 Oct 2024]

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

Press Releases

No new digest content identified.

World Bank [to 19 Oct 2024]

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

All News [Selected]

Pandemic Fund Allocates Second Round of Grants to Boost Pandemic Preparedness in 50 Countries

WASHINGTON DC, October 18, 2024 — Concluding its second funding round, the Pandemic Fund's Governing Board approved on October 17 US\$418 million in new grants designed to bolster pandemic prevention, preparedness...

Date: October 18, 2024 Type: Press Release

Ending Poverty for Half the World Could Take More Than a Century

Report Offers Pathways to Progress through Faster, Greener, More Inclusive Growth WASHINGTON, Oct. 15, 2024 – At today's feeble pace, it could take more than a century to eliminate poverty as it is...

Date: October 15, 2024 Type: Press Release

Urgent Education Reform Key to Unlocking Faster, More Inclusive Growth in Africa

WASHINGTON, October 14, 2024 – Despite signs of a fragile economic recovery, Sub-Saharan Africa, remains stuck in "low gear" with a large youth population at risk of being...

Date: October 14, 2024 Type: Press Release

WFPHA: World Federation of Public Health Associations [to 19 Oct 2024]

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

Blog, Events

No new digest content identified.

World Medical Association [WMA] [to 19 Oct 2024]

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

Press Releases

The Declaration of Helsinki 2024 Revision has been adopted by the World Medical Association General Assembly in Helsinki this morning, after a 30-month review period

19 Oct 2024

This global reference for medical research involving human participants has been updated to reflect 2024 realities. Substantive changes can be categorised in two areas:

- :: Participant-centered inclusion, respect and protection
- :: Research beneficence and value, including the pursuit of "individual and public health", upholding scientific rigor and integrity, and considered distribution of benefits, risks and burdens.

Physicians urged to actively participate in healthcare policy and health systems change to safeguard professional autonomy: New Global Physician leader

18th October 2024

...In his inaugural address as WMA President, Dr Philip detailed threats to the professional autonomy of physicians, threats which have been exacerbated by increasing healthcare costs as life expectancy increases.

"Professional autonomy means primarily the freedom to make clinical decisions about the care of individual patients. This is what most of us think of when we mention autonomy, and in my opinion is the aspect most under threat," said Dr Ashok Philip, President of the World Medical Association 2024-2025. "If we let this autonomy be taken away or diminished, our patients will suffer."

On efforts to reduce healthcare budgets Dr Philip stated, "Issues of accessibility and rationing may arise, and again it is our responsibility to bring evidence to the table to help guide policymakers in making their decisions. We must also be alert for the intrusion of political agendas into healthcare."...

World Organisation for Animal Health [OIE] [to 19 Oct 2024]

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

Press Releases, Statements

Global Events

Webinar: Launch of Competency and Curricula guidelines for Community Animal Health Workers

From 22/10/2024 to 22/10/2024

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ARM [Alliance for Regenerative Medicine] [to 19 Oct 2024]

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

Selected Press Releases

No new digest content identified.

BIO [to 19 Oct 2024]

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

Press Releases

No new digest announcements identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 19 Oct 2024]

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

News; Upcoming events

October 13, 2024

DCVMN Workforce Capacity Building Workshop in Dubai

ICBA – International Council of Biotechnology Associations [to 19 Oct 2024]

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

News

No new digest announcements identified.

IFPMA [to 19 Oct 2024]

<https://ifpma.org/>

News, Statements [Selected]

Statement 16 Oct 2024

WIPO Standing Committee on Patents: Statement on Technology Transfer

On 16 October 2024 in Geneva, IFPMA delivered a statement at the 36th meeting of WIPO's Standing Committee on Patents:, on technology transfer.

Statement 16 Oct 2024

WIPO Standing Committee on Patents: Statement on Patents and Health

On 16 October 2024 in Geneva, IFPMA delivered a statement at the 36th meeting of WIPO's Standing Committee on Patents: Patents and Health.

Statement 16 Oct 2024

WHO EMRO RC71: Promoting collaborative action to accelerate the response to antimicrobial resistance in the Eastern Mediterranean Region

On 16 October 2024 in Doha, Qatar, IFPMA delivered a statement at the 71st session of the WHO EMRO Regional Committee on Promoting collaborative action to accelerate the response to antimicrobial resistance in the Eastern Mediterranean Region.

International Alliance of Patients' Organizations – IAPO [to 19 Oct 2024]

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

Press and media [Selected]

Celebrating a decade of ethical collaboration: An international consensus of healthcare leaders looks to the future

Wednesday, 16 October 2024

International Generic and Biosimilar Medicines Association [IGBA]

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

News

No new digest announcements identified.

PhRMA [to 19 Oct 2024]

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

Press Releases

No new digest announcements identified.

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Vaccines/Therapeutics/Medicines – Selected Developer/Manufacturer Announcements

AstraZeneca

Press Releases

AstraZeneca advances science of infectious disease protection at IDWeek 2024

16 October 2024

Data demonstrate the importance of protecting against serious respiratory infections caused by respiratory syncytial virus, human metapneumovirus and COVID-19

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 - No new digest announcements identified

Boehringer

Press Releases

[Boehringer Ingelheim and WHO Foundation join forces to promote equitable access to healthcare and increase efforts for suicide prevention](#)

Ingelheim, Germany, Mon, 10/14/2024 - 20:00

Boehringer Ingelheim, a biopharmaceutical company active in both human and animal health, in partnership with WHO Foundation, today pledged USD 5 million to advance access to quality healthcare services for all, with a special focus on vulnerable populations in the Americas who are at greater risk of suicide.

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

16 October 2024

[ViiV Healthcare shows more than 99% effectiveness in real-world studies for Apretude \(cabotegravir long-acting\), the only approved long-acting HIV PrEP, in data presented at IDWeek 2024](#)

Studies from OPERA and Trio cohorts provide further real-world evidence.

EuBiologics, S Korea

News - No new digest announcements identified.

IMBCAMS, China

Home - Website not responding at inquiry.

Janssen/JNJ

Press Releases - No new digest announcements identified.

Merck

News releases

October 17, 2024

[**Merck's Clesrovimab \(MK-1654\), an Investigational Respiratory Syncytial Virus \(RSV\) Preventative Monoclonal Antibody, Significantly Reduced Incidence of RSV Disease and Hospitalization in Healthy Preterm and Full-term Infants**](#)

October 16, 2024

[**Merck's CAPVAXIVE™ \(Pneumococcal 21-valent Conjugate Vaccine\) Demonstrates Positive Immune Responses in Adults with Increased Risk for Pneumococcal Disease**](#)

Moderna

Press Releases - No new digest announcements identified

Nanogen

News - No new digest announcements identified

Novartis

News - No new digest announcements identified.

Novavax

Press Releases

Oct 16, 2024

Press release

COVID-19

[**Update on Novavax's COVID-19-Influenza Combination and Stand-alone Influenza Phase 3 Trial**](#)

Pfizer

Recent Press Releases - No new digest announcements identified.

R-Pharm

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

[No news or media page identified]

Sanofi Pasteur

Press Releases - No new digest announcements identified

Serum Institute of India

NEWS & ANNOUNCEMENTS - No new digest announcements identified

Sinopharm/WIBPBIBP

News - No new digest announcements identified

Sinovac

Press Releases - No new digest announcements identified.

SK Biosciences

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

Takeda

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

Valneva

[Press Releases](#)

October 16, 2024

[Valneva and LimmaTech Awarded FDA Fast Track Designation for Tetravalent Shigella Vaccine Candidate S4V](#)

Vector State Research Centre of Virology and Biotechnology

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

WestVac Biopharma

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

Zhifei Longcom, China

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

[Website](#) [No News/Announcements page identified]

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Contents [click to move among sections]

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:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)

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Journal Watch

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

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

AJOB Empirical Bioethics

Volume 15, 2023 Issue 3

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

[Reviewed earlier]

AMA Journal of Ethics

Volume 26, Number 10: E745-821

<https://journalofethics.ama-assn.org/issue/sleep-stewardship>

Sleep Stewardship

Sleep hygiene, causes of sleep disruption, and sleep disorder interventions are recent, important topics of health and cultural awareness. The better one's sleep quality over their lifespan, the better their health status and health outcomes, so who has reliable access to quality sleep is not just a clinical matter, but one for ethics and justice. This theme issue's focus is broader than poor sleep pathologies and investigates how sleep is, perhaps, best conceived as a communal, natural resource. We all need clean air and water, shelter, nutritionally dense food, and sleep. Of course, we sleep as individuals, but our common human interest in quality sleep of sufficient duration generates collective obligations to respond equitably to chronic health conditions that exacerbate poor sleep patterns; to support conditions for feeling safe, peaceful, and calm enough to rest; and to mitigate noise and light pollution that compromise our and our neighbors' sleep environments.

American Journal of Human Genetics

Oct 03, 2024 Volume 111 Issue 10 p2071-2306

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

This month in The Journal

Alyson B. Barnes, Kylee L. Spencer

Genome-wide association studies have shown that the effect sizes of many causal variants are strongly correlated across ancestries, but this is not true for all variants. Some differences could be explained by variation in gene regulation, but it has been challenging to determine whether ancestry-specific levels of gene expression are due to differences in allele frequencies, environmental effects, interplay between the two, or simply false positives. In this issue, Wang et al. identify genes differentially expressed across ancestries (ancDE) by leveraging single-cell RNA-sequencing data for individuals with either East Asian or European ancestries.

[Reviewed earlier]

American Journal of Infection Control

October 2024 Volume 52 Issue 10 p1105-1226

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

[Reviewed earlier]

American Journal of Preventive Medicine

October 2024 Volume 67 Issue 4 p477-640

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

[Reviewed earlier]

American Journal of Public Health

November 2024 114(11)

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

[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 111 (2024): Issue 4 (Oct 2024)

<https://www.ajtmh.org/view/journals/tpmd/111/4/tpmd.111.issue-3.xml>

[Reviewed earlier]

Annals of Internal Medicine

October 2024 Volume 177, Issue 10

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

[New issue; No digest content identified]

Artificial Intelligence – An International Journal

Volume 335 October 2024

<https://www.sciencedirect.com/journal/artificial-intelligence/vol/335/suppl/C>

[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

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

(Accessed 19 Oct 2024)

[No new digest content identified]

BMC Health Services Research

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

(Accessed 19 Oct 2024)

[COVID-19 vaccine implementation at a syringe services program: experiences of frontline staff](#)

While people with substance use disorders, including people who inject drugs (PWID), experience increased risk for COVID-19 infection and adverse outcomes, COVID-19 vaccination rates among PWID are consistent...

Authors: Marina Plesons, Sabrina E. Soto Sugar, Rutendo Chimbaru, Giuliano McDonald, Lily Friedman, Ernest Thompson Jr, Angela R. Bazzi, Hansel E. Tookes and Tyler S. Bartholomew

Citation: BMC Health Services Research 2024 24:1260

Content type: Research Published on: 19 October 2024

[Cost of COVID-19 vaccine delivery in nine States in Nigeria via the U.S. Government Initiative for Global Vaccine Access](#)

In 2022, the U.S. Centers for Disease Control and Prevention collaborated with implementing partners, African Field Epidemiology Network and Sydani Group, to support COVID-19 vaccination efforts in Nigeria. To...

Authors: Dave Haeyun Noh, Roopa Darwar, Belinda V. Uba, Shiva Gab-deedam, Stella Yani, Akolade Jimoh, Ndakilnasiya Waziri, Joshua David, Babatunde Amoo, Sunday Atobatele, Janada Dimas, Rhoda Fadahunsi, Sidney Sampson, Edwin Simple, Gideon Ugbenyo, Margeret Wisdom...

Citation: BMC Health Services Research 2024 24:1232

Content type: Research Published on: 14 October 2024

BMC Infectious Diseases

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

(Accessed 19 Oct 2024)

[What makes patients tick? Vaccine preferences against tick-borne encephalitis in four European countries](#)

We explored vaccine motivation and preferences for tick-borne encephalitis (TBE) vaccine attributes among participants in TBE-endemic countries in Europe.

Authors: Charlotta Zacharias, Ralph Torgler and Jennifer Cummins
Citation: BMC Infectious Diseases 2024 24:1151
Content type: Research Published on: 13 October 2024

BMC Medical Ethics

<http://www.biomedcentral.com/bmcmedethics/content>
(Accessed 19 Oct 2024)
[No new digest content identified]

BMC Medicine

<http://www.biomedcentral.com/bmcmed/content>
(Accessed 19 Oct 2024)

Effectiveness and efficiency of immunisation strategies to prevent RSV among infants and older adults in Germany: a modelling study

Recently, several novel RSV immunisation products that protect infants and older adults against RSV disease have been licensed in Europe. We estimated the effectiveness and efficiency of introducing these RSV ...

Authors: Fabienne Krauer, Felix Guenther, Marina Treskova-Schwarzbach, Viktoria Schoenfeld, Mihaly Koltai, Mark Jit, David Hodgson, Udo Schneider, Ole Wichmann, Thomas Harder, Frank G. Sandmann and Stefan Flasche

Citation: *BMC Medicine* 2024 22:478

Content type: Research Published on: 17 October 2024

Effectiveness of bivalent HPV vaccination against genital HPV DNA-positivity of a catch-up campaign at age 13–16 years compared to routine vaccination at age 12 years: a biennial repeated cross-sectional study

The Netherlands is one of few countries worldwide which has used the bivalent HPV vaccine for girls-only for over a decade. This allows assessment of vaccine effectiveness (VE) against female genital HPV DNA-p...

Authors: Johannes M. A. Kusters, Maarten F. Schim van der Loeff, Birgit H. B. van Benthem, Audrey J. King, Hester E. de Melker, Titia Heijman and Janneke C. M. Heijne

Citation: *BMC Medicine* 2024 22:469

Content type: Research Published on: 15 October 2024

BMC Pregnancy and Childbirth

<http://www.biomedcentral.com/bmcpregnancychildbirth/content>
(Accessed 19 Oct 2024)
[No new digest content identified]

BMC Public Health

<http://bmcpublichealth.biomedcentral.com/articles>
(Accessed 19 Oct 2024)

The acceptance of COVID-19 vaccines in Rwanda: a cross-sectional study

The first reported case of Coronavirus Disease 2019 (COVID-19) in Rwanda occurred on March 14 2020. By the end of July 2024, a total of 133,518 individuals had tested positive for the infection, resulting in 1...

Authors: Edward Mbonigaba, Fengyun Yu, Mark Donald C. Reñosa, Ivan Emil Mwikarago, Frederick Nchang Cho, Peter Canisius Kuku Elad, Wolfram Metzger, Richard Muhindo, Qiushi Chen, Claudia M. Denking, Shannon A. McMahon and Simiao Chen

Citation: *BMC Public Health* 2024 24:2875

Content type: Research Published on: 18 October 2024

Rubella epidemiology in Lesotho after vaccine introduction: a five-year review, 2018–2022

The rubella virus is a major contributor to birth defects globally and is preventable by vaccination. In 2020, the world was supposed to be free of both rubella and Congenital Rubella Syndrome (CRS) however th...

Authors: Thabelo Makhupane and DSK Habedi

Citation: *BMC Public Health* 2024 24:2874

Content type: Research Published on: 18 October 2024

Drivers of COVID-19 vaccine uptake among rural populations in Madagascar: a cross-sectional study

The WHO set the global immunisation threshold for COVID-19 at 70% to achieve worldwide protection against the disease. To date, global COVID-19 vaccine coverage is still below this threshold, in particular in ...

Authors: Irina Kislaya, Diavolana Koecher Andrianarimanana, Valentina Marchese, Lalatiana Hosay, Rakotonavalona Rivomalala, Ramananjahary Holinirina, Tahinamandranto Rasamoelina, Alexina Olivaso, Tsiky Zafinimampera, Sonya Ratefiarisoa, Olivette Totofotsy, Rivo Rakotomalala, Pia Rausche, Cheick Oumar Doumbia, Ariane Guth, Viola Pavoncello, Simon Veilleux...

Citation: *BMC Public Health* 2024 24:2868

Content type: Research Published on: 17 October 2024

BMC Research Notes

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

(Accessed 19 Oct 2024)

[No new digest content identified]

BMJ Evidence-Based Medicine

October 2024 - Volume 29 - 5

<https://ebm.bmj.com/content/29/5>

[Reviewed earlier]

BMJ Global Health

September 2024 - Volume 9 - 9

<https://gh.bmj.com/content/9/9>

[Reviewed earlier]

Bulletin of the Atomic Scientists

September 2024

<https://thebulletin.org/magazine/2024-09/>

[Reviewed earlier]

Bulletin of the World Health Organization

Volume 102(10); 2024 Oct 1
<https://www.ncbi.nlm.nih.gov/pmc/issues/471305/>
[Reviewed earlier]

Cell

Oct 17, 2024 Volume 187 Issue 21 p5797-6124
<https://www.cell.com/cell/current>

50th Anniversary

The expanding world of neuroscience

The Cell editorial team

Understanding the brain fascinates and intrigues many across the world. In this 50th Anniversary "Focus on Neuroscience" issue, we present Leading Edge content reflecting on the progress of the field, highlighting emerging topics, and paving the way toward many more years of exciting neuroscience research.

Child Care, Health and Development

Volume 50, Issue 6 November 2024
<https://onlinelibrary.wiley.com/toc/13652214/current>
[Reviewed earlier]

Clinical Pharmacology & Therapeutics

Volume 116, Issue 4 Pages: 875-1142 October 2024
<https://ascpt.onlinelibrary.wiley.com/toc/15326535/current>
Issue Focus: Pharmacogenomics and Precision Medicine
[Reviewed earlier]

Clinical Therapeutics

September 2024 Volume 46 Issue 9 p661-726
<http://www.clinicaltherapeutics.com/current>
[Reviewed earlier]

Clinical Trials

Volume 21 Issue 4, August 2024
<https://journals.sagepub.com/toc/ctja/21/4>
[Reviewed earlier]

Conflict and Health

<http://www.conflictandhealth.com/>
[Accessed 19 Oct 2024]
[No new digest content identified]

Contemporary Clinical Trials

Volume 145 October 2024
<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/145/suppl/C>
[New issue; No digest content identified]

The CRISPR Journal

Volume 7, Issue 4 / August 2024

<https://www.liebertpub.com/toc/crispr/7/4>

[Reviewed earlier]

Current Genetic Medicine Reports

Volume 11, Issue 3-4 December 2023

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

[Reviewed earlier]

Current Medical Research and Opinion

Volume 40, Issue 8 2024

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

[Reviewed earlier]

Current Opinion in Infectious Diseases

October 2024 - Volume 37 - Issue 5

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

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Current Protocols in Human Genetics

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Developing World Bioethics

Volume 24, Issue 3 Pages: 135-261 September 2024

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

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Development in Practice

Volume 34, Issue 6, 2024

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

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Development Policy Review

Volume 42, Issue 5 September 2024

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

[Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 18 - 2024

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

Disasters

Volume 48, Issue 4 October 2024
<https://onlinelibrary.wiley.com/toc/14677717/2024/48/4>
[Reviewed earlier]

EMBO Reports

Volume 25 Issue 10 10 October 2024
<https://www.embopress.org/toc/14693178/current>
[Reviewed earlier]

Emerging Infectious Diseases

Volume 30, Number 9—September 2024
<http://wwwnc.cdc.gov/eid/>
[Reviewed earlier]

Epidemics

Volume 48 September 2024
<https://www.sciencedirect.com/journal/epidemics/vol/48/suppl/C>
[Reviewed earlier]

Epidemiology and Infection

Volume 152 - 2024
<https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue>
[Reviewed earlier]

Ethics & Human Research

Volume 46, Issue 5 Pages: 1-42 September–October 2024
Enrolling invested parties in research :: Research on social networking sites
[Reviewed earlier]

Ethics & International Affairs

Volume 38 - Issue 1 - Spring 2024
<https://www.cambridge.org/core/journals/ethics-and-international-affairs/latest-issue>
<https://onlinelibrary.wiley.com/toc/14677717/2024/48/4>
[Reviewed earlier]

Ethics, Medicine and Public Health

Volume 31 (December 2023)
<https://www.sciencedirect.com/journal/ethics-medicine-and-public-health/vol/31/suppl/C>
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The European Journal of Public Health

Volume 34, Issue 5, October 2024

<https://academic.oup.com/eurpub/issue/34/5>

[New issue; No digest content identified]

Expert Review of Vaccines

Vol 23 (1) 2023

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

[Reviewed earlier]

Foreign Affairs

September/October 2024 Volume 103, Number 5

<https://www.foreignaffairs.com/issues/2023/103/5>

[Reviewed earlier]

Forum for Development Studies

Volume 51, 2024 - Issue 3

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

[Reviewed earlier]

Frontiers in Medicine

<https://www.frontiersin.org/journals/medicine/volumes?volume-id=1237>

[Accessed 19 Oct 2024]

Editorial

Knowledge, Attitudes and Perceptions of Healthcare Professionals and Health Professions Students Towards Vaccinations and Non-Pharmaceutical Interventions

Alberto Modenese, Marília Silva Paulo

Accepted on 15 Oct 2024

Frontiers in Medicine, doi 10.3389/fmed.2024.1443129

Genetics in Medicines

Volume 26, Issue 10 October 2024

<https://www.sciencedirect.com/journal/genetics-in-medicine/vol/26/issue/10>

[Reviewed earlier]

Genome Medicine

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Global Health Action

Volume 17, Issue 1 (2024)

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

[Reviewed earlier]

Global Health: Science and Practice (GHSP)

Vol. 12, No. 4 August 27, 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 19 Oct 2024]

[No new digest content identified]

Global Public Health

Volume 19, Issue 1 (2024)

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

[Reviewed earlier]

Globalization and Health

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Health and Human Rights

Volume 26, Issue 1, June 2024

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

SPECIAL SECTION – COMMEMORATING 30 YEARS

[Reviewed earlier]

Health Economics, Policy and Law

Volume 19 - Issue 2 - April 2024

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

[Reviewed earlier]

Health Policy and Planning

Volume 39, Issue 8, October 2024

<https://academic.oup.com/heapol/issue/39/8>

[Reviewed earlier]

Health Research Policy and Systems

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

[Accessed 19 Oct 2024]

Research Open access Published: 15 October 2024

Data protection legislation in Africa and pathways for enhancing compliance in big data health research

Nchangwi Syntia Munung, Ciara Staunton, Otshepeng Mazibuko, P. J. Wall & Ambroise Wonkam
Health Research Policy and Systems volume 22, Article number: 145 (2024)

Abstract

Background

The increasing availability of large volumes of personal data from diverse sources such as electronic health records, research programmes, commercial genetic testing, national health surveys and wearable devices presents significant opportunities for advancing public health, disease surveillance, personalized medicine and scientific research and innovation. However, this potential is hampered by a lack of clarity related to the processing and sharing of personal health data, particularly across varying national regulatory frameworks. This often leaves researcher stakeholders uncertain about how to navigate issues around secondary data use, repurposing data for different research objectives and cross-border data sharing.

Human Gene Therapy

Volume 35, Issue 19-20 / October 2024

<https://www.liebertpub.com/toc/hum/35/20>

[No new digest content identified]

Humanitarian Practice Network

<https://odihpn.org/>

Featured Publications

[No new digest content identified]

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 20 Issue 1, 2024

<https://www.tandfonline.com/toc/khvi20/20/1?nav=tocList>

Selected Content

[Reviewed earlier]

Immunity

Oct 08, 2024 Volume 57 Issue 10 p2251-2482

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

[New issue; No digest content identified]

Infectious Agents and Cancer

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Infectious Diseases of Poverty

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

[Accessed 19 Oct 2024]

[No new digest content identified]

International Health

Volume 16, Issue 5, September 2024

<https://academic.oup.com/inthealth/issue/16/5>

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International Human Rights Law Review

Volume 13 (2024): Issue 1 (Jun 2024):

<https://brill.com/view/journals/hrlr/13/1/hrlr.13.issue-1.xml>

Special Issue on Inter-State Communications

Table of Contents

[Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol. 11 No. 10 (2024): October 2024

<https://www.ijcmph.com/index.php/ijcmph/issue/view/117>

Original Research Articles

[Assessment of COVID-19 vaccine hesitancy among the pregnant women: a mixed-method study from field practice area of Sagar, Madhya Pradesh](#)

Shefali Jain, Amarnath Gupta, Shatkratu Dwivedi, Shraddha Mishra

3934-3940

DOI: [10.18203/2394-6040.ijcmph20242875](https://doi.org/10.18203/2394-6040.ijcmph20242875)

Systematic Reviews

[Effectiveness of nutritional intervention on immunity among people living with HIV/AIDS: a systematic review](#)

Stephen John, Dileep S. Natekar

4050-4054

DOI: [10.18203/2394-6040.ijcmph20242891](https://doi.org/10.18203/2394-6040.ijcmph20242891)

International Journal of Epidemiology

Volume 53, Issue 4, August 2024

<https://academic.oup.com/ije/issue/53/4>

[New issue; No digest content identified]

International Journal of Human Rights in Healthcare

Volume 17 Issue 4 2024

<https://www.emerald.com/insight/publication/issn/2056-4902/vol/17/iss/4>

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JAMA

October 15, 2024, Vol 332, No. 15, Pages 1221-1312

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

[New issue; No digest content identified]

JAMA Health Forum

October 2024, Vol 5, No. 10

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

[Reviewed earlier]

JAMA Pediatrics

October 2024, Vol 178, No. 10, Pages 959-1086

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

[Reviewed earlier]

JBIR Evidence Synthesis

September 2024 - Volume 22 - Issue 9

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

[Reviewed earlier]

Journal of Adolescent Health

October 2024 Volume 75 Issue 4 p525-690

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

[Reviewed earlier]

Journal of Artificial Intelligence Research

Vol. 81 (2024)

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

Contents

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Journal of Community Health

Volume 49, Issue 5 October 2024

<https://link.springer.com/journal/10900/volumes-and-issues/49-5>

[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. 7 No. 01 (2024), January 2, 2024 , Page 1988-1996

<https://www.cmro.in/index.php/jcmro/issue/view/75>

[Reviewed earlier]

Journal of Development Economics

Volume 171 October 2024

<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/171/suppl/C>

[New issue; No digest content identified]

Journal of Empirical Research on Human Research Ethics

Volume 19 Issue 3, July 2024

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

Special Issues in Research and IRB/REC Functioning, Including the use of AI

[Reviewed earlier]

Journal of Epidemiology & Community Health

October 2024 - Volume 78 - 10

<https://jech.bmj.com/content/78/10>

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Journal of Evidence-Based Medicine

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

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

[Reviewed earlier]

Journal of Global Ethics

Volume 20, Issue 2 (2024)

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

Special Issue: Climate Justice and the Global Development Crisis.

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

[Reviewed earlier]

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

Volume 35, Number 3, August 2024

<https://muse.jhu.edu/issue/52935>

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Journal of Immigrant and Minority Health

Volume 26, Issue 5 October 2024

<https://link.springer.com/journal/10903/volumes-and-issues/26-5>

[New issue; No digest content identified]

Journal of Immigrant & Refugee Studies

Volume 22, 2024 _ Issue 3

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

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Journal of International Development

Volume 36, Issue 7 Pages: 3-2866 October 2024

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

[Reviewed earlier]

Journal of Medical Ethics

October 2024 - Volume 50 - 10

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

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Journal of Patient-Centered Research and Reviews

Volume 11, Issue 1 (2024)

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

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The Journal of Pediatrics

Volume 272 September 2024

<https://www.sciencedirect.com/journal/the-journal-of-pediatrics/vol/272/suppl/C>

[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice

Volume 17, Issue 1 (2024)

<https://www.tandfonline.com/toc/jppp20/17/1>

[Reviewed earlier]

Journal of Public Health Management & Practice

September/October 2024 - Volume 30 - Issue 5

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

[Reviewed earlier]

Journal of Public Health Policy

Volume 45, issue 3, September 2024

<https://link.springer.com/journal/41271/volumes-and-issues/45-3>

[Reviewed earlier]

Journal of the Royal Society – Interface

October 2024 Volume 21 Issue 219

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

[Reviewed earlier]

Journal of Travel Medicine

Volume 31, Issue 6, August 2024

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

[Reviewed earlier]

Journal of Virology

Volume 98 Number 9 September 2024

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

[Reviewed earlier]

The Lancet

Oct 19, 2024 Volume 404 Number 10462 p1493-1614

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

Editorial

Cholera: a pandemic ignored

The Lancet

Comment

Real-world effectiveness studies of the benefit of RSV vaccines

Angela R Branche

Articles

Respiratory syncytial virus (RSV) vaccine effectiveness against RSV-associated hospitalisations and emergency department encounters among adults aged 60 years and older in the USA, October, 2023, to March, 2024: a test-negative design analysis

Amanda B Payne, et al.

The Lancet Commissions

Global health 2050: the path to halving premature death by mid-century

Dean T Jamison, et al.

In Global Health 2050, the Lancet Commission on Investing in Health concludes that dramatic improvements in human welfare are achievable by mid-century with focused health investments. By 2050, countries that choose to do so could reduce by 50% the probability of premature death in their populations—ie, the probability of dying before age 70 years—from the levels in 2019. We call this goal 50 by 50. The interventions that enable achieving the goal of 50 by 50 should also reduce morbidity and disability at all ages.

The Lancet Child & Adolescent Health

Oct 2024 Volume 8 Number 10 p707-792, e12-e15

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

[Reviewed earlier]

Lancet Digital Health

Oct 2024 Volume 6 Number 10 e673-e771

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

[Reviewed earlier]

Lancet Global Health

Oct 2024 Volume 12 Number 10 e1560-e1736

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

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Lancet Infectious Diseases

Oct 2024 Volume 24 Number 10 p1059-1176, e602-e659

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

[Reviewed earlier]

Lancet Public Health

Oct 2024 Volume 9 Number 10 e709-e830

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

[Reviewed earlier]

Lancet Respiratory Medicine

Oct 2024 Volume 12 Number 10 p743-836, e57-e64

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

[Reviewed earlier]

Maternal and Child Health Journal

Volume 28, Issue 10 October 2024

<https://link.springer.com/journal/10995/volumes-and-issues/28-10>

[Maternal Immunization Decision-Making Among Pregnant and Lactating People in Kenya: A Qualitative Exploration of Peer Influences on Vaccine Decision-Making for a Future RSV Vaccine](#)

Prachi Singh, Berhaun Fesshaye, Rupali J. Limaye

Original Paper Open access 14 August 2024 Pages: 1822 - 1832

Medical Decision Making (MDM)

Volume 44 Issue 7, October 2024

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

Reviews

[Incorporating Social Determinants of Health in Infectious Disease Models: A Systematic Review of Guidelines](#)

Shehzad Ali, et al.

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

Volume 102, Issue 3 Pages: 517-821 September 2024

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

[Reviewed earlier]

Molecular Therapy

Oct 02, 2024 Volume 32 Issue 10 p3195-3746

<https://www.cell.com/molecular-therapy/current>

[Reviewed earlier]

Nature

Volume 634 Issue 8034, 17 October 2024

<https://www.nature.com/nature/volumes/633/issues/8034>

Editorial 16 Oct 2024

[Don't rush rules for sharing digital genetic-sequence information](#)

The draft text due to be discussed at the COP16 biodiversity meeting contains some 200 points that are still to be finalized. Rushing an agreement risks disrupting research without notably benefiting lower-income countries.

World View 15 Oct 2024

The UN needs a new mission: get stuff done

The United Nations has just listed more things the world needs to accomplish. It should be asking why it hasn't reached its current goals.

Peter Singer

On 22 September, delegates at the United Nations General Assembly in New York City applauded after approving the Pact for the Future. Comprising 56 promises — on issues such as peace and security, sustainable development, climate change and human rights — the pact would more aptly be named the Laundry List for the Future. Rather than clapping at a plan, it would be better if the delegates had been able to celebrate results.

On display was what is wrong, in my view, with the UN: a failure to execute what is already agreed. In 2015, member countries signed up to the 17 Sustainable Development Goals (SDGs), comprising 231 unique indicators and 169 targets to be achieved by 2030. Only 17% of targets are on track...

Nature Biotechnology

Volume 42 Issue 10, October 2024

<https://www.nature.com/nbt/volumes/42/issues/10>

Editorial 07 Oct 2024

AI meets real-world patients

The time has come for biotech companies to embrace machine learning for clinical trials, but they should start with compiling the data. That means grappling with real-world patient records.

Nature Communications

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

(Accessed 19 Oct 2024)

[No new digest content identified]

Nature Genetics

Volume 56 Issue 9, September 2024

<https://www.nature.com/ng/volumes/56/issues/9>

[Reviewed earlier]

Nature Human Behaviour

Volume 8 Issue 9, September 2024

<https://www.nature.com/nathumbehav/volumes/8/issues/9>

[Reviewed earlier]

Nature Medicine

Volume 30 Issue 10, October 2024

Editorial 09 Oct 2024

To conquer antimicrobial resistance in Africa, build local capacity

Increases in antimicrobial resistance globally are likely to hit African countries the hardest. Strengthening the local infrastructure aimed at combating infection is the only way to counter it.

Correspondence

The WHO genomics program of work for equitable implementation of human genomics for global health

Elena Ambrosino, et al.

Published: 03 September 2024

World View 04 Sept 2024

CAR-T and cellular gene therapies are too expensive

Point-of-care manufacturing and technology transfer can deliver cellular gene therapies at an affordable cost to patients across the world.

Boro Dropulić

Nature Reviews Drug Discovery

Volume 23 Issue 10, October 2024

<https://www.nature.com/nrd/volumes/23/issues/10>

[New issue; No digest content identified]

Nature Reviews Genetics

Volume 25 Issue 10, October 2024

<https://www.nature.com/nrg/volumes/25/issues/10>

[New issue; No digest content identified]

Nature Reviews Immunology

Volume 24 Issue 10, October 2024

<https://www.nature.com/nri/volumes/24/issues/10>

[New issue; No digest content identified]

New England Journal of Medicine

Volume 391 No. 15 October 17, 2024

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

[New issue; No digest content identified]

NEJM Evidence

Volume 3 No. 10 October 2024

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

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

Original Articles

Tecovirimat Use under Expanded Access to Treat Mpox in the United States, 2022–2023

P.A. Yu and Others

Editorials

Expanded Access of Unproven Drugs: Not the Final Word

H.C. Lane and A.S. Fauci

njp Vaccines

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

[Accessed 19 Oct 2024]

[Reviewed earlier]

Pediatrics

Volume 154, Issue 4 October 2024

<https://publications.aap.org/pediatrics/issue/154/4>

Articles

[Reviewed earlier]

PharmacoEconomics

Volume 42, Issue 10 October 2024

<https://link.springer.com/journal/40273/volumes-and-issues/42-10>

[Reviewed earlier]

PLoS Biology

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

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PLoS Genetics

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

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PLoS Global Public Health

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

(Accessed 19 Oct 2024)

[The economic cost of malaria in Brazil from the perspective of the public health system](#)

Mônica V. Andrade, Kenya Noronha, Valéria Silva, Henrique Bracarense, Lucas Carvalho, Daniel

Nogueira da Silva, Aline Souza, André Soares Motta-Santos, Cassio Peterka, Marcia C. Castro

Research Article | published 18 Oct 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0003783>

[Mpox: Neglect has led to a more dangerous virus now spreading across borders, harming and killing people. Leaders must take action to stop mpox now](#)

Christine McNab, Els Torreele, Ayoade Alakija, Aggrey Aluso, Mauricio Cárdenas, Brendan Crabb, Mark Dybul, Patricia J. Garcia, Lawrence O. Gostin, Angel Gurría, Jane Halton, Adam Kamradt-Scott, Michel Kazatchkine, Helena Legido-Quigley, Joanne Liu, Suman Majumdar, Henry E. Mark, Rosemary McCarney, David Miliband, Winnie Mpanju-Shumbusho, Selina Namchee Lo, Anders Nordström, Raj Panjabi, Jorge Saavedra, Nina Schwalbe, Barbara M. Stocking, Eloise Todd, Clare Wenham, Ellen Johnson Sirleaf, Helen Clark

Opinion | published 17 Oct 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0003714>

Institutional trust, conspiracy beliefs and Covid-19 vaccine uptake and hesitancy among adults in Ghana

Meshack Achore, Joseph Asumah Braimah, Robert Kokou Dowou, Vincent Kuuire, Martin A. Ayanore, Elijah Bisung

Research Article | published 16 Oct 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0003852>

To vaccinate or not to vaccinate? Experiences of COVID-19 vaccine uptake among people living with non-communicable diseases in Ghana: A qualitative study

Leonard Baatiema, Sheba M. P. Kunfah, Olutobi A. Sanuade, Luke N. Allen, Seye Abimbola, Ama de-Graft Aikins, Kwadwo A. Koram, Margaret E. Kruk

Research Article | published 14 Oct 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0003820>

Factors associated with COVID-19 vaccine hesitancy and uptake among populations in the West department of Haiti

Martine Etienne-Mesubi, Babatunji Oni, Nancy Rachel Labbe-Coq, Marie Colette Alcide-Jean-Pierre, Delva Lamarre, Darwin Dorestan, Marie-Ange Bien-Aime, Venice Dorce, Cory Freivald, Cowan Angell, Yingjie Wang, Jenevieve Opoku, Bryan Shaw, Deus Bazira

Research Article | published 14 Oct 2024 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0002864>

PLoS Medicine

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

(Accessed 19 Oct 2024)

[No new digest content identified]

PLoS Neglected Tropical Diseases

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

(Accessed 19 Oct 2024)

[No new digest content identified]

PLoS One

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

[Accessed 19 Oct 2024]

[No new digest content identified]

PLoS Pathogens

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

[Accessed 19 Oct 2024]

[No new digest content identified]

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

October 15, 2024 vol. 121 no. 42

<https://www.pnas.org/toc/pnas/121/42>

[New issue; No digest content identified]

PNAS Nexus

Volume 3, Issue 9, September 2024

<https://academic.oup.com/pnasnexus/issue/3/9>

[New issue; No digest content identified]

Prehospital & Disaster Medicine

Volume 39 - Issue 2 - April 2024

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

[Reviewed earlier]

Preventive Medicine

Volume 187 October 2024

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

[Reviewed earlier]

Proceedings of the Royal Society B

October 2024 Volume 291 Issue 2032

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

[Reviewed earlier]

Public Health

Volume 235 Pages 1-218 (October 2024)

<https://www.sciencedirect.com/journal/public-health/vol/235/suppl/C>

[Reviewed earlier]

Public Health Ethics

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

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

[Reviewed earlier]

Public Health Genomics

2024, Vol. 27, No. 1

<https://karger.com/phg/issue/27/1>

[Reviewed earlier]

Public Health Reports

Volume 139 Issue 5, September/October 2024

<https://journals.sagepub.com/toc/phrg/139/5>

[Reviewed earlier]

Qualitative Health Research

Volume 34 Issue 11, September 2024

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

[New issue; No digest content identified]

Research Ethics

Volume 20 Issue 4, October 2024

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

Editorial

[Editorial: Preparing for the next global crisis: research ethics and integrity matters in crisis situations—and Hello from the New Co-Editors-in-Chief](#)

First published September 24, 2024

Jane Williams, Yves Saint James Aquino, Bridget Haire

Original Articles

[COVID-19 human challenge trials and randomized controlled trials: lessons for the next pandemic](#)

First published January 3, 2024

Charles Weijer

Review article First published June 22, 2024

[Streamlining the ethical-legal governance of cross-border health data sharing during global health emergencies](#)

Pamela Andanda, Langelihle Mlotshwa

Case Report First published April 30, 2024

[Project lightspeed: A case study in research ethics and accelerated vaccine development](#)

Klaus Leisinger, Doris Schroeder

Reproductive Health

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

[Accessed 19 Oct 2024]

[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

18 Oct 2024

[Evidence map of chikungunya treatments](#)

Review | Portuguese |

14 Oct 2024

[Misinformation, disinformation, and fake news amid the new global Mpox emergency](#)

Letter | English |

Risk Analysis

Volume 44, Issue 9 Pages: 1977-2311 September 2024

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

[Reviewed earlier]

Risk Management and Healthcare Policy

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

[Accessed 19 Oct 2024]

[Reviewed earlier]

Science

Volume 386| Issue 6719| 18 Oct 2024

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

[New issue; No digest content identified]

Science and Engineering Ethics

Volume 30, Issue 5 October 2024

<https://link.springer.com/journal/11948/volumes-and-issues/30-5>

[Reviewed earlier]

Science Translational Medicine

Volume 16| Issue 769| 16 Oct 2024

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

[New issue; No digest content identified]

Scientific Reports

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Social Science & Medicine

Volume 358 October 2024

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/358/suppl/C>

[Reviewed earlier]

Systematic Reviews

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

[Accessed 19 Oct 2024]

[No new digest content identified]

Theoretical Medicine and Bioethics

Volume 45, Issue 5 October 2024

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

[Reviewed earlier]

Travel Medicine and Infectious Diseases

Volume 61 September–October 2024

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

[Reviewed earlier]

Tropical Medicine & International Health

Volume 29, Issue 10 Pages: i-iv, 849-921 October 2024

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

[Reviewed earlier]

Vaccine

Volume 42, Issue 25 14 November 2024

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

[Reviewed earlier]

Vaccines

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

[Accessed 19 Oct 2024]

Open Access Article

Burden of Pneumococcal Disease in Young Children Due to Serotypes Contained in Different Pneumococcal Conjugate Vaccines in Eight Asian Countries and Territories

by Liping Huang, Xiuyan Li, Ng Eugenia, Johnnie Leung, Sheng-Tzu (Alice) Hung, Ervin Zhi Bin Cheong, Ricardo Avila, Winniefer Nua, Kornvipa Choowanich, Ritika Rampal, Namrata Kulkarni, Derek Daigle and Bulent Nuri Taysi

Vaccines 2024, 12(10), 1197; <https://doi.org/10.3390/vaccines12101197> (registering DOI) - 19 Oct 2024

Abstract

Background: Pneumococcal disease (PD) is a major cause of morbidity and mortality in young children in Asia and globally. Pneumococcal conjugate vaccines (PCVs) have significantly reduced the burden of PD when included in pediatric national immunization programs (NIPs). This study estimates the clinical [...]

Value in Health

October 2024 Volume 27 Issue 10 p1311-1468

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

[Reviewed earlier]

World Development

Volume 182 October 2024

<https://www.sciencedirect.com/journal/world-development/vol/182/suppl/C>

[Reviewed earlier]

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Contents [click to move among sections]

:: [*Milestones, Perspectives*](#)

:: [*WHO*](#)

:: [*Organization Announcements*](#)

:: [*Journal Watch*](#)

:: [*Pre-Print Servers*](#)

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Pre-Print Servers

arxiv

<https://arxiv.org/>

[Accessed 19 Oct 2024]

[Filter: Genomics; Neurons and Cognition; Populations and Evolution; Other Quantitative Biology; General Economics]

[No new digest content identified]

Gates Open Research

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

[Accessed 19 Oct 2024]

[No new digest content identified]

medRxiv

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

[Accessed 19 Oct 2024]

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[Measles Virus Genotype A in Canada's Capital Region Wastewater Associated with Public Health Vaccination Initiatives](#)

Emma N Tomalty, Élizabéth Mercier, Lakshmi Pisharody, Tram Nguyen, Xin Tian, Md Pervez Kabir, Chandler Wong, Felix Addo, Nada Hegazy, Elizabeth Renouf, Shen Wan, Robert Delatolla
medRxiv 2024.10.11.24315327; doi: <https://doi.org/10.1101/2024.10.11.24315327>

[Understanding Public Attitudes Towards Human Papillomavirus Vaccination in Japan: Insights from Social Media Stance Analysis Using Large Language Models](#)

Junyu Liu, Qian Niu, Momoko Nagai-Tanima, Tomoki Aoyama

medRxiv 2024.10.07.24315018; doi: <https://doi.org/10.1101/2024.10.07.24315018> Revision

[Monitoring the Risk of Type-2 Circulating Vaccine-Derived Poliovirus Emergence during Roll-Out of Type-2 Novel Oral Polio Vaccine](#)

Corey M Peak, Hil Lyons, Arend Voorman, Elizabeth J Gray, Laura V Cooper, Isobel M Blake, Kaija Hawes, Ananda S Bandyopadhyay

medRxiv 2024.10.16.24315616; doi: <https://doi.org/10.1101/2024.10.16.24315616>

[Safety and efficacy of the blood-stage malaria vaccine RH5.1/Matrix-M in Burkina Faso: interim results of a double-blind, randomised, controlled phase 2b trial in children](#)

Hamtandi M. Natama, Jo Salkeld, Athanase Somé, Seyi Soremekun, Salou Diallo, Ousmane Traoré, Toussaint Rouamba, Florence Ouédraogo, Edouard Ouédraogo, K. Carine Sonia Daboné, Nadine A. Koné, Z. Michael John Compaoré, Miguel Kafando, Massa dit Achille Bonko, Fabé Konaté, Hermann Sorgho, Carolyn M. Nielsen, Dimitra Pipini, Ababacar Diouf, Lloyd D. W. King, Umesh Shaligram, Carole A. Long, Jee-Sun Cho, Alison M. Lawrie, Katherine Skinner, Rachel Roberts, Kazutoyo Miura, John Bradley, Sarah E. Silk, Simon J. Draper, Halidou Tinto, Angela M. Minassian

medRxiv 2024.10.15.24315473; doi: <https://doi.org/10.1101/2024.10.15.24315473>

[Chikungunya Virus VLP Vaccine: Phase 3 Trial in Adolescents and Adults](#)

Jason S. Richardson, Deborah M. Anderson, Jason Mendy, Lauren C. Tindale, Sufia Muhammad, Tobi Loreth, Sarah Royalty Tredo, Kelly L. Warfield, Roshan Ramanathan, Jorge T. Caso, Victoria A. Jenkins, Patrick Ajiboye, Lisa Bedell, the EBSI-CV-317-004 Study Group
medRxiv 2024.10.11.24315179; doi: <https://doi.org/10.1101/2024.10.11.24315179>

KNOWLEDGE AND PERCEPTION ABOUT HUMAN PAPILLOMAVIRUS IN TRADITIONAL QUILOMBOLA COMMUNITIES IN NORTHEAST BRAZIL

Mariel Rodrigues de Campos, Larissa Helena Sousa Baldez Carvalho, Ana Julya Rodrigues Campos, Gabriel Rodrigues Côra, Rayane Alves Machado, Nafisa M.K Elehamer, Luisa Lina Villa, José de Ribamar Ross, Flávia Castello Branco Vidal

medRxiv 2024.10.11.24315317; doi: <https://doi.org/10.1101/2024.10.11.24315317> Revision

ABSTRACT

The study analyzed knowledge about Human Papillomavirus among adults in traditional quilombola communities in northeast Brazil while discussing their sociodemographic characteristics and evaluating sociodemographic variables among different quilombola communities. It was a descriptive, cross-sectional, and quantitative mixed-method study, with face-to-face interviews and a questionnaire application. There is a significant gap in the precise understanding of HPV. Most information was acquired through traditional media, such as TV, newspapers, and radio. Women and younger individuals demonstrated more comprehensive knowledge of the subject. The results highlight the need for specific instructions to improve knowledge about HPV in these communities, with strategies adapted to their sociodemographic characteristics. Enhanced understanding of HPV and the importance of vaccination can significantly contribute to the health and well-being of these populations, decreasing health disparities. With better knowledge about HPV and its consequences, the vaccination rate will increase, which in the long term will mean a reduction in the incidence of cancer cases associated with this virus, especially cervical cancer.

Knowledge and Willingness towards Human Papillomavirus Vaccination among the Parents and School Teachers of Eligible Girls in Dhaka, Bangladesh: A School-Based Cross-Sectional Study

Samina Sultana, MD Nahid Hassan Nishan, Aklima Akter, Dalia Rahman, Fowzia Yesmin, Mohammad Delwer Hossain Hawlader

medRxiv 2024.10.12.24315384; doi: <https://doi.org/10.1101/2024.10.12.24315384>

Analyzing greedy vaccine allocation algorithms for metapopulation disease models

Jeffrey Keithley, Akash Choudhuri, Bijaya Adhikari, Sriram V. Pemmaraju

medRxiv 2024.10.12.24315394; doi: <https://doi.org/10.1101/2024.10.12.24315394>

A global analysis of domestic military policies governing responses to public health emergencies

Kuang Yu Hu, Ciara M. Weets, Rory Wilson, Gunnar V. Ljungqvist, Rebecca Katz

medRxiv 2024.10.12.24315372; doi: <https://doi.org/10.1101/2024.10.12.24315372>

Abstract

Throughout the COVID-19 pandemic, militaries around the world mobilized at an unprecedented scale to support domestic response efforts. This was consistent with the growing trend of asset mobilization for military operations other than war during public health emergencies. However, the global scale and vast breadth of civil-military cooperation during the pandemic invites new considerations regarding the authority and scope of domestic operations of militaries during public health emergencies. We have systematically analyzed domestic military deployment policies in each UN member state, focusing on the authority, execution and scope of military involvement pertaining to domestic public health emergencies.

We analyzed legally enforceable policies, including Constitutions, defense ministry authorizations, and legal frameworks. We categorized how each country codified the deployment of military assets, who

holds authority for deployment and the procedural mechanisms for deployments. Our findings revealed that of countries with active military forces, nearly all (170/171) have codified rules on domestic military deployment and 90.59% (154/170) allow military mobilization through executive orders. Furthermore, 58.48% (100/171) of countries with an active military have codified separation of powers to ensure that civilian decision makers are exclusively empowered to mobilize military forces. Finally, we found that 74.85% (128/171) of countries included language that authorized military involvement in domestic military operations other than war.

Our findings provide critical data for analyzing the relationship between military operations and public health outcomes, including how specific domestic military deployment policies impact the speed and effectiveness of military involvement in public health emergencies.

OSF Pre-prints

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

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[No new digest content identified]*

Wellcome Open Research

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

[Accessed 19 Oct 2024]

Selected Research

Study Protocol Open Access

[REVISED- A nationwide longitudinal investigation on the role of prenatal exposure to infectious diseases on the onset of chronic conditions in children and adolescents in Brazil](#)

[version 2; peer review: 2 approved]

Enny S. Paixao, et al.

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Think Tanks

Brookings [to 19 Oct 2024]

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

Research

No new digest content identified.

Center for Global Development [to 19 Oct 2024]

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

All Research

No new digest content identified.

Chatham House [to 19 Oct 2024]

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

Selected Analysis, Comment, Events

No new digest content identified.

Council on Foreign Relations [to 19 Oct 2024]

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

New Releases [Selected]

No new digest content identified.

CSIS [to 19 Oct 2024]

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

Reports [Selected]

[Malaria Vaccines: The New Tools Fighting a Longtime Public Health Threat](#)

New vaccines to prevent malaria infection promise to be game changers in the fight against this public health challenge. To ensure their impact, it will be critical to raise awareness about the new vaccines; ensure adequate financing; and support countries' efforts to deliver the products to at-risk populations.

Digital Report by Katherine E. Bliss — October 18, 2024

Kaiser Family Foundation [to 19 Oct 2024]

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

Newsroom

No new digest content identified.

McKinsey Global Institute [to 19 Oct 2024]

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

Latest Research

No new digest content identified.

ODI [Overseas Development Institute] [to 19 Oct 2024]

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

Publications [Selected]

No new digest content identified.

Pew Research Center [to 19 Oct 2024]

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

Latest Publications [Selected]

No new digest content identified.

Rand [to 19 Oct 2024]

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

Published Research [Selected]

Oct 17, 2024

[Opportunities for supporting humanitarians: Technology foresight concepts](#)

RAND Europe, in partnership with Athena Infonomics and glass.ai, conducted a study exploring the adoption and use of emerging technologies in the humanitarian sector out to 2030, as well as associated risks, challenges and opportunities.

Oct 17, 2024

[Opportunities for supporting humanitarians: Technology guidance](#)

RAND Europe, in partnership with Athena Infonomics and glass.ai, conducted a study exploring the adoption and use of emerging technologies in the humanitarian sector out to 2030, as well as associated risks, challenges and opportunities.

Oct 17, 2024

[Emerging technologies in the humanitarian sector: Methodology report](#)

RAND Europe, in partnership with Athena Infonomics and glass.ai, conducted a study exploring the adoption and use of emerging technologies in the humanitarian sector out to 2030, as well as associated risks, challenges and opportunities.

Oct 17, 2024

[Emerging Technologies in the Humanitarian Sector: Technology Deep Dive Series](#)

RAND Europe, in partnership with Athena Infonomics and glass.ai, conducted a study exploring the adoption and use of emerging technologies in the humanitarian sector out to 2030, as well as associated risks, challenges and opportunities.

Oct 17, 2024

[Humanitarian Technology Adoption Case Study: Biometrics](#)

RAND Europe, in partnership with Athena Infonomics and glass.ai, conducted a study exploring the adoption and use of emerging technologies in the humanitarian sector out to 2030, as well as associated risks, challenges and opportunities.

Urban Institute [to 19 Oct 2024]

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

[New Research Publications - Selected](#)

Brief

[Nonprofit Trends and Impacts 2021–2023: National Findings on Government Grants and Contracts from 2019 to 2023](#)

October 16, 2024

Government funding makes up almost one-third of nonprofits' revenue. When the availability of public funding for nonprofits decreases, the communities nonprofits serve feel the effects.

This brief sheds light on trends in government grants and contracts awarded to nonprofits, including nonprofits' discussions with government officials about this funding, the percentage of nonprofits that sought or applied for and received it, and the percentage of nonprofit revenue that came from government agencies. It is part of the [Nonprofit Trends and Impacts Study](#).

Brief

[Partnering with Parents in Research: Community-Engaged Approaches to Improve Data Collection and Analysis](#)

October 11, 2024

World Economic Forum [to 19 Oct 2024]

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

Media [Selected]

[New Report Calls for Global Action to Drive Cyber Resilience in the Intelligent Age](#)

News 16 Oct 2024

:: The World Economic Forum's latest report finds that 200 critical and emerging technologies are rapidly revolutionising industries, while multiplying cybersecurity challenges.

:: The new research calls for an urgent paradigm shift from "security by design" to "resilience by design" to mitigate rapidly evolving risks.
:: Collaborative, cross-sector efforts will be critical to enhance cyber resilience and ensure responsible technology deployment worldwide.
:: Read the full report [here](#).

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Public Consultations/Call for Inputs/Call for Papers

Addendum to the Guideline on clinical development of vaccines to address clinical trials in immunocompromised individuals

EMA - Consultation dates: 19/07/2024 to 31/10/2024

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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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