

Vaccines and Global Health: The Week in Review 12 October 2024 :: Issue 770 Center for Vaccine Ethics & Policy (CVEP)

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

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

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- :: Think Tanks

Milestones, Perspectives

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World Health Summit 2024

October 13-15

Berlin, Germany & Digital

The World Health Summit 2024 takes place from October 13-15 in Berlin, Germany and online under the theme "Building Trust for a Healthier World". It stands under the patronage of German Chancellor Olaf Scholz, French President Emmanuel Macron, and Director-General of the World Health Organization (WHO) Tedros Adhanom Ghebreyesus.

Central Topics

- From Pledges to Progress: Financing Global Health Solutions
- Antimicrobial Resistance: Roadmap to Future Resilience
- Empowering Futures: Strategies for Women's and Children's Health
- The Climate-Health Nexus: Pathways to Action for Equity
- Fostering Youth Leadership: Strengthening Voices for Impact
- Artificial Intelligence: A New Era in Digital Health

Signature Event

The central event of the WHS 2024 is the presentation of the WHO Investment Round <u>"All for Health, Health for All: Signature Event for the WHO Investment Round"</u> on Monday, October 14, 6:00 PM. Confirmed speakers: German Chancellor Olaf Scholz, WHO Director-General Tedros Adhanom Ghebreyesus and Bill Gates, Chair of the Gates Foundation.

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Gaza - Polio Immunization/Second Round

Second round of polio vaccination in the Gaza Strip aims to vaccinate over half a million children

11 October 2024 Statement Jerusalem/Amman/Geneva

The second round of an emergency polio vaccination campaign is scheduled to start on 14 October 2024 in Gaza, to vaccinate an estimated 591 700 children under ten years of age with a second dose of the novel oral polio vaccine type 2 (nOPV2) vaccine.

This follows a <u>first round</u>, which was successfully implemented from 1-12 September 2024 and vaccinated 559 161 children, or an estimated 95% of eligible children at governorate level, according to independently conducted post-campaign monitoring. As with the first round, the second round will have three phases, each involving three campaign days and one catch-up day.

A minimum of two doses of nOPV2 are needed to interrupt poliovirus transmission. However, this will only be achieved if at least 90% of all children are vaccinated in all communities and neighbourhoods. In this round, vitamin A will be co-administered alongside polio vaccine, to help boost overall immunity among children between the ages of two and nine years.

The campaign, being conducted by the Palestinian Ministry of Health in collaboration with the World Health Organization (WHO), the United Nations Children's Fund (UNICEF), the United Nations Relief and Works Agency for Palestinian Refugees (UNRWA), and other

partners is part of emergency efforts to stop the polio outbreak in Gaza, which was detected on 16 July 2024, and prevent further spread of poliovirus.

Once again, meticulous planning, coordination and implementation will see an extensive network of teams vaccinating at selected health facilities and outreach posts. **Mobile teams will actively reach out to families living in shelters, tents and camps for internally displaced people.** Local teams will be deployed in areas that need special coordination to reach children, including those who could not receive vaccine in the first round.

The first round demonstrated that overwhelming logistical challenges — including operating amid devastated infrastructure and constant population movements — can be overcome through an extraordinarily resilient and dedicated health workforce and strong community demand for polio vaccination, if all parties respect the planned humanitarian pauses.

More than 800 social mobilizers will reach out to families to raise awareness on the importance of taking the second dose as well as on the dates and locations. Radio spots, short message services (SMS) and all digital channels available in Gaza will also amplify these messages. This outreach will continue until the round concludes.

Additionally, logistical and programmatic needs, such as training health and community workers, provision of adequate supplies, recording of data by independent monitors, and demarcation of areas being covered by mobile teams, have been streamlined for the second round.

To cover the two rounds, 1.6 million doses of the vaccines were delivered in the past two months as well as 20 refrigerators, 10 freezers, 100 ice boxes, and 800 vaccine carriers — all equipment required to maintain vaccines at a temperature between 2 and 8°C.

Once again, a humanitarian pause will be a pre-requisite to implementing a successful second round, particularly to ensure all polio workers can operate in a safe and secure environment, and communities and families can obtain vaccination for children without fear.

A substantial constraint to the polio campaign will again be reaching children living in areas outside humanitarian pauses, who were not covered in the last round. This requires coordination and approvals to allow programme supervision and monitoring, which would contribute significantly to ensuring all children, regardless of their location, are vaccinated.

WHO and UNICEF renew their urgent request to all parties to the conflict to implement the necessary humanitarian pauses in Gaza for this second round. This is particularly critical as new evacuation orders in the north of Gaza are threatening access to hospitals and protection of health facilities and health and community workers. Vaccination teams must be protected and allowed to conduct the campaigns safely. We urge all parties to ensure their protection, and that of health facilities and children.

Editors' notes

Circulating variant poliovirus type 2 was confirmed in Gaza in six environmental samples in July 2024, in a ten-month-old paralysed child in July 2024, and in another five environmental samples collected on 5 September 2024.

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Polio this week as of 25 September 2024 - GPEI

Headlines

:: Circulating variant poliovirus (cVDPV) has been isolated from environmental samples in French Guiana and Spain. In French Guiana, cVDPV3 was isolated from samples collected in Cayenne province in May, June and August. In Spain, cVDPV2 was isolated from a single positive sample collected in Barcelona in September. Advance notifications for these viruses were included in last week's update. :: This <u>article</u> highlights important work being carried out in Bangladesh to minimize risk associated with poliovirus potentially infectious material in laboratory settings.

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

- Pakistan: four WPV1 cases and 50 WPV1-positive environmental samples
- Angola: one cVDPV2 case
- French Guiana (France): three cVDPV3-positive environmental samples
- Niger: four cVDPV2-positive environmental samples
- Nigeria: four cVDPV2 cases
- South Sudan: one cVDPV2 case and two cVDPV2-positive environmental samples
- Spain: one cVDPV2-positive environmental sample
- Yemen: one cVDPV2-positive environmental sample

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Mpox - PHEIC

<u>Multi-country outbreak of mpox, External situation report #39 - 6 October 2024</u> *Highlights*

- As of 29 September, 14 countries on the African continent have reported mpox cases in the last six weeks and are considered to have active outbreaks. The most affected country in 2024 continues to be the Democratic Republic of the Congo (5610 confirmed cases, 25 deaths), followed by Burundi (853 confirmed cases, no deaths), and Nigeria (78 confirmed cases, no deaths).
- This edition provides a detailed subnational focus on the Democratic Republic of the Congo province of North Kivu where about a third (34%) of the reported confirmed cases are individuals living in camps for Internally Displaced People (IDP) and approximately 75% of mpox cases are among children 0 17 years old, evenly distributed between males and females. Currently, available case investigation and sequencing data suggest that mpox transmission in this province is exclusively human-to-human, with about a third (34%) of the cases reporting sexual contact as the mode of transmission, and among these cases, over half are reported to be sex workers (52%).
- The report includes information about the first mpox case due to clade Ib MPXV notified in India. This is the second imported case of clade Ib MPXV infection in the WHO South-East Asia Region (SEAR) and the third outside the African Region.
- Operational updates as of 4 October 2024 are included. WHO approved the first mpox diagnostic
 test for emergency use, the Alinity m MPXV, on 3 October 2024 and 265 000 doses of MVA-BN
 vaccines have been dispatched from Kinshasa to several "hubs" in the Democratic Republic of the
 Congo.

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Vaccines - AMR

<u>Estimating the impact of vaccines in reducing antimicrobial resistance and antibiotic use:</u> <u>technical report</u>

10 October 2024 | *Technical document* Download (7.2 MB)

Overview

This report provides an in-depth evaluation of the potential role of vaccines in reducing antimicrobial resistance (AMR). It **outlines the importance of vaccines as a crucial tool in preventing infections and curbing the spread of resistant strains, thus reducing reliance on antibiotics**. Historically, the role of vaccines in reducing AMR has not been fully recognized, with the focus primarily on their use for preventing infectious diseases.

This report is unique in its comprehensive assessment of 44 vaccines targeting 24 pathogens, encompassing both licensed vaccines and those in development. It incorporates a robust methodology to estimate the potential impact of these vaccines on AMR-related health outcomes, antibiotic use, and economic costs.

What sets this report apart is its detailed modelling of the burden averted by vaccines and the feasibility of development for each pathogen. The findings underscore the critical role vaccines must play in national and global AMR mitigation strategies.

[Report Excerpt] 5.1 Conclusions

...It is vital to introduce, use and monitor the impact of existing vaccines, as highlighted in the report. **Pneumococcal, rotavirus and typhoid vaccines are examples of interventions with demonstrated efficacy in reducing infections that are often treated with antibiotics.** The analysis presented here shows that increasing coverage of bacterial vaccines can significantly lower antibiotic use, and the deaths and DALYs associated with AMR. Additionally, the report emphasizes the importance of robust research studies to monitor the ongoing impact of vaccines on colonization and infection by resistant pathogens, providing data that are crucial for informing and refining policy decisions...

It is important to prepare for vaccine introduction, and the report gives insights to ensure that new vaccines are ready for deployment. Including AMR endpoints in clinical trials will provide essential data on vaccine impact, validating modeling estimates and informing comprehensive cost-effectiveness analyses. The report also underscores the need for developing regulatory frameworks and processes that facilitate the inclusion of AMR endpoints in vaccine labels, to improve understanding and appreciation of the role of vaccines in combating AMR.

Enabling vaccine development, delivery and implementation is essential for addressing the current and future challenges posed by AMR. The report emphasizes the importance of developing PPCs for vaccines from the early stages of development to mid-clinical, outlining the attributes required for impactful vaccines. Creating research roadmaps for vaccines facing significant development challenges, as suggested here, can guide efforts to overcome obstacles and expedite the availability of vaccines, particularly in LMIC.

Understanding the role of vaccines alongside other approaches for reducing AMR is crucial for a comprehensive strategy. **The report emphasizes that vaccines should be integrated into broader AMR containment efforts** (e.g. infection prevention, access to essential health services, accurate diagnosis and appropriate treatment). Enhancing surveillance platforms to collect data on the burden of resistant pathogens will inform the development and implementation of effective vaccination strategies and other AMR interventions.

Pre-vaccine AMR burden **AMR** health Reduction in AMR burden in direct proportion to vaccine efficacy and coverage Post-vaccine AMR burden -Birth Age Age of Age of vaccination vaccination (infant) Reduction in AMR burden (elderly) due to vaccination Duration of Duration of vaccine vaccine prevention prevention

Fig. 3.1. A model to estimate vaccine impact on AMR health burden^a

AMR: antimicrobial resistance.

^a Static proportional impact model to estimate the reduction in AMR burden after vaccination in direct proportion to efficacy, coverage, target population for protection and duration of protection from existing and potential future vaccines. The AMR burden among infants may be higher or lower than the AMR burden among elderly people and depends on the pathogen. For example, the AMR burden for Streptococcus pneumoniae and Haemophilus influenzae is higher among infants than among elderly people, whereas the AMR burden for Staphylococcus aureus and Acinetobacter baumannii is lower among infants than among elderly people.

Source: reproduced with permission from Kim et al. 2023 (61).

Vaccines are a vital, yet underused, tool in the fight against AMR, and can reach millions of children through existing immunization programmes. Recognizing their full potential requires concerted efforts to integrate vaccine strategies into AMR policies, enhance collaboration between stakeholders, and prioritize research and surveillance...

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Africa - "New Public Health Order"

The New Public Health Order at the Pan African Parliament

11 October 2024 | Africa CDC



[Excerpt]

The 12th Annual Conference of Speakers of National and Regional Parliament hosted by the Pan African Parliament (PAP) in Midrand, South Africa, was a landmark event, that brought together Africa's parliamentarians to shape the continent's future, discussing key issues on the continent including devastating floods, climate change, Mpox, Non-Communicable Diseases, food security, regional cooperation and peacebuilding...

The New Public Health Order is a path towards self-reliance...Existing global mechanisms, policies, and interventions have consistently failed in addressing Africa's health security priorities, as recently highlighted by the COVID-19 pandemic, Mpox, and Ebola...

There is a **need for a fundamental paradigm shift toward an equitable and just public health landscape through a New Public Health Order for the continent**, he explained. The continent must take control of its health security through strong local leadership, innovation, and investment in public health infrastructure and systems, he added.

The New Public Health Order aims to ensure adequate health systems exist before a crisis and remain resilient during and post-crisis, he said. Plans to realize this order place an emphasis on the five enablers: community health, connectivity through digital health tools, capacity, collaboration, and climate.

The New Public Health Order envisages strengthened National Public Health and Research Institutes, working with local universities, providing expertise in Emergency Operating Centres (EOCs) and genomic sequencing capabilities. It is geared to develop and expand local manufacturing that will see vaccines, diagnostics, therapeutics, and medical supplies all manufactured from the continent. There is a need for respectful action-oriented partnerships that will ensure long-term engagement, alignment on priorities by African countries with Member States in the driver's seat.

He said increased domestic health financing should adhere to the Abuja declaration of 2001, which says **African countries should allocate 15% of their budgets to health, and respect the ALM declaration,** which came in February 2019, when the African Union convened Heads of States and Government and regional and global leaders in Addis Ababa, for the African Leadership Meeting – Investing in Health. The ALM aims to put in place the political and technical mechanisms that will assist and enable countries to steadily increase domestic investment in health year after year and hold each other accountable in the collective commitment to do so. African heads of state also agreed to create the Africa Epidemics Fund in February 2022. The fund can also accelerate the operationalization of the New Public Health Order...

Many Member States still rely on indicator-based surveillance systems with limited implementation of event-based or advanced processes, he said. The over 160 disease outbreaks reported annually have revealed gaps in Member States' abilities to prepare for and respond to emergencies. For instance, only 5 percent of laboratories are equipped to diagnose priority diseases in their countries and meet international standards. Africa relies heavily on imports; only 1% of vaccines and 30-40% of therapeutics are manufactured on the continent. Dr. Kaseya told the parliamentarians that a new 106 events were reported in 2024, and an average of 27 events are monitored weekly: with 3 new events weekly.

As Mpox cases in Africa have surged due to increased human-to-human transmission and insufficient response capacities, he said, key challenges include weak surveillance, limited laboratory capacity, infection prevention practices, public awareness, lack of community engagement, vaccines, and treatments.

Consultations and communication between Africa CDC, WHO, and all the partners led to the establishment of one plan with one team, one rapport, one budget, and one monitoring and evaluation framework. "It's the first time the agencies are using one continental coordination team, response plan, budget, and monitoring and evaluation framework in a major health response," he said...

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WHO & Regional Offices [to 12 Oct 2024]

https://www.who.int/news

Selected News/Announcements/Statements

11 October 2024 Statement

<u>Second round of polio vaccination in the Gaza Strip aims to vaccinate over half a million children</u>

10 October 2024 News release

Better use of vaccines could reduce antibiotic use by 2.5 billion doses annually, says WHO

7 October 2024 Statement

<u>Types of data requested to inform December 2024 COVID-19 vaccine antigen composition</u> deliberations

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region

:: 10 October 2024

Urgent action needed to accelerate mental health progress in African region

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10 October 2024

Promising progress on eye health in African region, but challenges remain

::

07 October 2024

Burden of hearing loss in Africa could rise to 54 million by 2030: WHO report

WHO Region of the Americas PAHO

:: 10 Oct 2024

Better use of vaccines could reduce antibiotic use by 2.5 billion doses annually, says WHO

More in investment in vaccines could avert deaths due to antimicrobial resistance, reduce antibiotic use and save money treating resistant infectionsGeneva, 10 October 2024 — A new report by the World Health Organization (WHO) finds that vaccines against 24 pathogens could reduce the number of antibiotics needed by 22% or 2.5 billion defined daily...

:: 8 Oct 2024

<u>In record year of dengue cases, PAHO urges countries to strengthen response as seasonal transmission set to begin in South America</u>

Washington, DC, October 8, 2024 (PAHO) — In an epidemiological alert this week, the Pan American Health Organization (PAHO) urged countries in the Americas to strengthen their dengue response plans as cases continue to rise across the region. With 2024 marking a record number of dengue cases and transmission season beginning in South America, PAHO...

WHO South-East Asia Region SEARO

:: 10 October 2024 News release

WHO South-East Asia Region sets new target for measles and rubella elimination

WHO European Region EURO

:: 9 October 2024 News release

"No one knows your risk like you do" — WHO/Europe calls on individuals to integrate protection from respiratory viruses into everyday life

WHO Eastern Mediterranean Region EMRO

No new digest content identified.

WHO Western Pacific Region

No new digest content identified.

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WHO - Emergency situation reports

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

Multi-country outbreak of mpox, External situation report #39 - 6 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.

11 October 2024 | Marburg virus disease - Rwanda

Situation at a glance

As of 10 October 2024, a total of 58 cases of Marburg virus disease (MVD), including 13 deaths (case fatality ratio (CFR): 22%), have been reported in Rwanda. Fifteen recoveries have been reported among the confirmed cases as of 10 October 2024. Contact tracing is underway, with over 700 contacts under follow-up as of 9 October 2024. WHO classified the outbreak as a grade 3 emergency, the highest internal level for emergencies based on the WHO Emergency Response Framework and a surge team from WHO has travelled 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. 41, pp. 577-590 11 October 2024

PDF: https://iris.who.int/bitstream/handle/10665/379215/WER9941-eng-fre.pdf

:: Elimination of human onchocerciasis: progress report, 2023–2024

::::::

New WHO Publications

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

Selected

10 October 2024

<u>Estimating the impact of vaccines in reducing antimicrobial resistance and antibiotic use:</u> technical...

8 October 2024

<u>Strategic Framework for improving newborn and child health in the South-East Asia</u> Region (2024–2030)

8 October 2024

<u>Strategic Action Framework for Strengthening Community Engagement and Resilience to Health Emergencies...</u>

8 October 2024

Regional Roadmap to Advance Field Epidemiology Capacities in the WHO South-East Asia Region 2025–2029

8 October 2024

Strategic Plan for measles and rubella elimination and sustenance in the WHO South-East Asia Region:...

8 October 2024

<u>Translating global and regional commitments into action towards ending tuberculosis in</u> the WHO South-East...

8 October 2024

WHO South-East Asia Regional Framework for the prioritization of introduction of new vaccines

8 October 2024

Monitoring progress on universal health coverage and the health-related Sustainable Development Goals...

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USA - HHS, FDA, CDC

HHS

News

Fact Sheet: HHS Actions to Support Response to Marburg Outbreak in Rwanda

October 7, 2024 News Release

FDA

Press Announcements

News

October 7, 2024 - FDA Authorizes Marketing of First Home Flu and COVID-19 Combination Test Outside of Emergency Use Authorities

FDA VRBPAC

Advisory Committee Calendar
No new meetings identified.

CDC/ACIP [U.S.] [to 12 Oct 2024]

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

Latest News

CDC Confirms 3rd Human Case of H5 Bird Flu in California

The Centers for Disease Control and Prevention (CDC) has confirmed a third human case of H5 bird flu in California.

Oct 9, 2024

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 10, 2024 / No. 40

PDF of this issue

- Risk of Clade II Mpox Associated with Intimate and Nonintimate Close Contact Among Men Who Have Sex with Men and Transgender Adults United States, August 2022–July 2023
- <u>Notes from the Field: Mpox Cluster Caused by Tecovirimat-Resistant Monkeypox Virus Five States, October 2023–February 2024</u>

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Europe

European Medicines Agency [EMA]

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

News & Press Releases

Seizing opportunities in a changing medicines landscape

European medicines agencies network strategy to 2028 – launch of public consultation 9 October 2024

EMA and the Heads of Medicines Agencies (HMA) have published their draft joint EU network strategy to 2028 for an eight-week public consultation.

This is a review and update to the original five-year strategy, which was developed to cover the period 2021 to 2025 (EMANS 2025). Since then, several changes to the regulatory and technological landscape have occurred, some more rapidly than anticipated. For example, the European Union has enacted new legislation to handle public health emergencies and established the Directorate-General for Health Emergency Preparedness and Response (DG HERA) to improve the EU's crises preparedness. Technological advances, particularly in artificial intelligence, have presented opportunities to transform the way medicines are developed and regulated across the network. Furthermore, the EU has made steps to revise its pharmaceutical legislation in the largest reform of the EU medicines regulation in decades. These changes made it necessary to update the EMANS 2025 and to seize the opportunities that they present...

<u>Seizing opportunities in a changing medicines landscape: The European medicines agencies network strategy 2028 (draft)</u>

Consultation dates: 09/10/2024 to 30/11/2024 Draft: consultation open

Reference Number: EMA/376542/2024

European Centre for Disease Prevention and Control

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

News/Updates/Reports/Publications [Selected]

Risk assessment

<u>Implications of the Marburg virus disease outbreak in Rwanda for the EU/EEA, 2024</u> 10 Oct 2024

This threat assessment addresses the implications of the ongoing Marburg virus disease (MVD) outbreak in Rwanda for the European Union/European Economic Area (EU/EEA).

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Africa CDC [to 12 Oct 2024]

https://africacdc.org/

Press Releases, Statements [Selected]

Two-Dose Strategy and Targeted Interventions Drive Mpox Campaign

11 October 2024 | Africa CDC News, Stories

The New Public Health Order at the Pan African Parliament

11 October 2024 | Africa CDC News, Stories

Africa CDC Strengthens Laboratory Capacity for Mpox and Other Outbreaks in Burundi

10 October 2024 | Africa CDC News, Stories

AMR in Focus at Africa's First One Health Congress

10 October 2024 | Africa CDC News, Stories

Rwanda Launches Event-Based Surveillance Guidelines

Central African Countries Strengthen Effective Response to Health Emergencies

10 October 2024 | Africa CDC News, Stories

Empowering Africa's Public Health Laboratory Workforce Helps to Advance Outbreak Investigation

10 October 2024 | Africa CDC News, Stories

Community Health Plan for Tanzania Needs \$360m for Expansion

10 October 2024 | Africa CDC News, Stories

Global Campaign Launched to Prioritise the Mental Health of Health Professionals on World Mental Health Day

9 October 2024 | Press Releases

Statement against Travel Restrictions in Response to Mpox and Marburg Virus Outbreaks

8 October 2024 | Statement

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China CDC

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

National Health Commission of the People's Republic of China [to 12 Oct 2024]

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

News

No new digest content identified.

National Medical Products Administration – PRC [to 12 Oct 2024]

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

News

No new digest content identified.

China CDC

CCDC Weekly Reports: Current Volume (6)

2024-10-11 / No. 41 INFECTIOUSE DISEASE ISSUE

PDF of this issue

- :: Vital Surveillances: Epidemiological Characteristics of Dengue Fever China, 2005–2023
- :: <u>Vital Surveillances: Trends and Spatial Pattern Analysis of Typhoid and Paratyphoid Fever Incidence</u>
 Yunnan Province, China, 1989–2022
- :: <u>Preplanned Studies: Monitoring the Status of Multi-Wave Omicron Variant Outbreaks 71 Countries,</u> 2021–2023
- :: <u>Methods and Applications: Impact of COVID-19 Interventions on Respiratory and Intestinal Infectious Disease Notifications Jiangsu Province, China, 2020–2023</u>
- :: <u>Review: Drawing on the Development Experiences of Infectious Disease Surveillance Systems</u>
 Around the World

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Organization Announcements

Paul G. Allen Frontiers Group [to 12 Oct 2024]

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

News

No new digest content identified.

BMGF - Gates Foundation [to 12 Oct 2024]

https://www.gatesfoundation.org/ideas/media-center Press Releases & Statements No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 12 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 12 Oct 2024]

https://carb-x.org/

News

No new digest content identified.

CEPI – Coalition for Epidemic Preparedness Innovations [to 12 Oct 2024]

http://cepi.net/

News

World-leading Coronavirus vaccine R&D roadmap to receive fresh updates

An important tool created to guide the development of vaccines against multiple potentially deadly Coronaviruses is being expanded.

10 Oct 2024

News

New vaccine-making process could transform pandemic response

8 Oct 2024

...Scientists at the University of Sheffield will receive up to £3.7 million (US \$4.8 million) from the Coalition for Epidemic Preparedness Innovations to establish proof-of-concept for RNAbox $^{\text{TM}}$, a specialised process designed to scale up production of messenger RNA (mRNA) vaccines at regional vaccine manufacturing sites....

CIOMS - COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 12

Oct 2024]

https://cioms.ch/

News; Publications; Events No new digest content identified.

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 12 Oct 2024

https://www.darpa.mil/news

News

No new digest content identified.

Duke Global Health Innovation Center [to 12 Oct 2024]

https://dukeghic.org/

News

No new digest content identified.

EDCTP [to 12 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 12 Oct 2024]

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

European Vaccine Initiative [to 12 Oct 2024]

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

EVI and TBVI team up with VAC4EU

<u>European Vaccine Initiative</u> (EVI) and the <u>Tuberculosis Vaccine Initiative</u> (TBVI) are proud to announce a new partnership with Vaccine monitoring Collaboration for Europe (VAC4EU).

Evidence Aid [to 12 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 12 Oct 2024]

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

News, Events

No new digest content identified.

Gavi [to 12 Oct 2024]

https://www.gavi.org/

Press Releases

10 October 2024

Ethiopia Ministry of Health, Gavi, UNICEF and WHO launch Health Facility Solar

Electrification (HFSE) initiative to enhance primary health care services

7 October 2024

Gavi harnesses innovation to mitigate the effects of climate change on global health

- :: Four global health innovators from Nigeria, Spain, Uganda and USA chosen as INFUSE 2024 Pacesetters
- :: Winners will support Gavi with advanced technological solutions focused on building climate-resilient health systems
- :: Augustin Flory, Managing Director, Innovative Partnerships & Development Finance, Gavi:
- "Innovation plays a critical role in helping Gavi protect millions of people each year from preventable disease"

GE2P2 Global Foundation [to 12 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 01 Oct 2024 Issue 23

GHIT Fund [to 12 Oct 2024]

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

Press Releases

No new digest content identified.

Global Fund [to 12 Oct 2024]

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

News Releases

No new digest content identified.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 12 Oct

2024]

https://www.glopid-r.org/new s/

News

No new digest content identified.

Hilleman Laboratories [to 12 Oct 2024]

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

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 12 Oct 2024]

https://www.hhmi.org/news

Press Room

HHMI Investigator David Baker Awarded 2024 Nobel Prize in Chemistry

October 9, 2024

Baker, of the University of Washington School of Medicine, was among three scientists honored by the Royal Swedish Academy of Sciences for his work on computational protein design. He shares the 2024 Nobel Prize in Chemistry with Demis Hassabis and John M. Jumper of Google DeepMind for protein structure prediction.

Human Immunome Project [nee Human Vaccines Project] [to 12 Oct 2024]

https://www.humanimmunomeproject.org/

News

Robert Klein Joins the Human Immunome Project Board of Directors

NEW YORK, October 8, 2024 – The Human Immunome Project (HIP) is pleased to announce the appointment of Robert N. Klein to the Board of Directors. "Robert Klein is a proven leader and a committed advocate dedicated to better health for all," said Board Chair Jane Metcalfe. "We are excited to welcome him to the...

IAVI [to 12 Oct 2024]
https://www.iavi.org/
News, Features
No new digest content identified.

INSERM [to 12 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 12 Oct 2024]

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

ICRC [to 12 Oct 2024]

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

What's New [Selected]

<u>Statement of the International Red Cross and Red Crescent Movement on Lebanon:</u> "Health-care workers and facilities must be respected and protected"

Beirut, 6 October 2024 - Following the recent escalation of hostilities in Lebanon, the International Red Cross and Red Crescent Movement reiterates that civilians, the wounded, health-care workers ... *Statement* 06-10-2024

IFFIm

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

IFRC [to 12 Oct 2024]

http://media.ifrc.org/ifrc/news/press-releases/ Press Releases [Selected] No new digest content identified.

Institut Pasteur [to 12 Oct 2024] https://www.pasteur.fr/en/press-area

Press Documents

No new digest content identified.

ISC / International Science Council [to 12 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

No new digest content identified.

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 12 Oct 2024]

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

Updates; Events

No new digest content identified.

IVI [to 12 Oct 2024]

http://www.ivi.int/

IVI News & Announcements

IVI honors Dr. Frank Hartvelt and Prof. Sang Chul Park with 2024 Founders Medal on 27th anniversary

:: Hartvelt advocated for the creation of IVI as UNDP initiative, in collaboration with Prof. Seung-il Shin :: Park, President of the Korea Support Committee for IVI, participated in Korea's Bid Committee to host IVI in 1990s

October 10, 2024,

Johns Hopkins Center for Health Security [to 12 Oct 2024]

https://centerforhealthsecurity.org/newsroom

Center News [Selected]

October 8, 2024:

<u>Dr. Caitlin Rivers' New Book Crisis Averted Explores Public Health Lessons and Provides Insights for Future Pandemic Preparedness</u>

October 7, 2024:

<u>The Johns Hopkins University Selected as Regional Center for Public Health Preparedness and Response</u>

MSF/Médecins Sans Frontières [to 12 Oct 2024]

http://www.msf.org/

Latest [Selected Announcements]

Lebanon

MSF urges for protection of civilians and medical staff amid Israeli bombardment in Lebanon

Press Release 10 Oct 2024

Conflict in Sudan

<u>Supply blockade forces MSF to stop care for 5,000 malnourished children in Sudan</u> Press Release 10 Oct 2024

Gaza-Israel war

<u>Israeli forces pushing people from north to south Gaza will only worsen humanitarian catastrophe</u>

Press Release 8 Oct 2024

National Academy of Medicine - USA [to 12 Oct 2024]

https://nam.edu/programs/

News [Selected]

NAM Launches New Resource Showcasing How Health Organizations are Driving Climate Action

October 8, 2024

Today the National Academy of Medicine (NAM) released an online showcase highlighting concrete examples of how health-focused organizations are advancing climate action across the nation and globally. As awareness grows [...]

NAM Member Gary Ruvkun Receives Nobel Prize in Medicine

October 7, 2024

The Nobel Assembly at Karolinska Institute announced today that they have awarded the 2024 Nobel Prize in in Physiology or Medicine jointly to Victor Ambros and Gary Ruvkun "for the [...]

National Academies-Sciences-Engineering-Medicine [NASEM]- USA [to 12 Oct 2024]

https://www.nationalacademies.org/newsroom?

News

No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 12 Oct 2024]

https://www.hhs.gov/vaccines/about/index.html Upcoming Meetings/Latest Updates No new digest content identified.

NIH [to 12 Oct 2024] http://www.nih.gov/

News Releases

New Project to Expand Research Hub on Ethical, Legal, and Social Implications of Advances in Human Genomics

October 2, 2024

PATH [to 12 Oct 2024]

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

Newsroom

No new digest content identified.

Sabin Vaccine Institute [to 12 Oct 2024]

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

Latest News & Press Releases

Press Releases

Sabin Vaccine Institute Delivers Marburg Vaccines to Combat Outbreak in Rwanda

October 5, 2024

Sabin Editor's Note: Rwandan authorities began dosing health care workers with Sabin's investigational Marburg vaccine on Oct. 6 in an open-label clinical trial that began just 10 days after the outbreak was declared.

UNAIDS [to 12 Oct 2024] http://www.unaids.org/en

News, Stories, Updates Press statement

<u>UNAIDS</u> response to ViiV's announcement on increasing production of long-acting cabotegravir

GENEVA, 8 October 2024

UNICEF [to 12 Oct 2024]

https://www.unicef.org/media/press-releases Latest press releases, news notes and statements

Press release 12 October 2024

<u>Statement by UNICEF Executive Director Catherine Russell on continued conflicts in the Middle East</u>

NEW YORK, 12 October 2024 – "As every day passes, the lives of children across Israel, the State of Palestine, and Lebanon are torn apart in unimaginable ways. "All the parties are obligated to protect civilians, including children, humanitarian workers, and civilian infrastructure, including schools and hea...

Press release 11 October 2024

One month since Super Typhoon Yagi: Learning loss affecting 1.3 million children across Southeast Asia

BANGKOK, 11 October 2024 _ One month after Super Typhoon Yagi swept through Southeast Asia, nearly 1.3 million children are facing major setbacks to their learning due to damaged or closed schools, flooded homes and displaced families. Thousands of schools in Viet Nam, Myanmar, Lao PDR, and Thailand have been affe...

Remarks 11 October 2024

Geneva Palais briefing note on the announcement of the second round of polio vaccination in the Gaza Strip

EAST JERUSALEM / GENEVA, 11 October 2024 - "I wanted to emphasize the logistical challenges that such a vaccination campaign represents. The first round successfully rolled out in September presented humanitarian workers with overwhelming difficulties, including operating amid devastated infrastructure. "For...

Statement 10 October 2024

<u>Statement by UNICEF Middle East and North Africa Regional Director Adele Khodr on the impact of displacement orders in North Gaza</u>

AMMAN, 10 October 2024 – Sudden displacement orders in the North Gaza and Gaza Governorates are deeply concerning and once again forcing tens of thousands of vulnerable civilians onto the roads. Families, including children, have been ordered to move south to an area that is already heavily overcrowded, polluted, unsafe and lacking basic...

Press release 08 October 2024

UNICEF provides medical supplies for about 2 million people in need in Lebanon

BEIRUT, 8 October 2024 – UNICEF is providing 167 metric tons of medical supplies for about 2 million people affected by the rapidly escalating conflict in Lebanon, especially women and children. UNICEF has delivered 67 metric tons of medical supplies in the past three days by land and air routes. These suppli...

Unitaid [to 12 Oct 2024] https://unitaid.org/

Featured News

No new digest content identified.

Vaccine Equity Cooperative [nee Initiative] [to 12 Oct 2024]

https://vaccineequitycooperative.org/news/

News

Website not responding at inquiry.

Vaccination Acceptance & Demand Initiative [Sabin) [to 12 Oct 2024]

https://www.vaccineacceptance.org/ Announcements, Blog No new digest content identified.

Vaccine Confidence Project [to 12 Oct 2024]

http://www.vaccineconfidence.org/ News, Research and Reports No new digest content identified.

Vaccine Education Center – Children's Hospital of Philadelphia [to 12 Oct 2024]

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

News

No new digest content identified.

Wellcome Trust [to 12 Oct 2024]

https://wellcome.org/news/all News. Opinion, Reports Analysis Author-Michael Dunn

Genomics has endless potential, if everyone is included

11 October 2024

Investment in increasing diversity in genomic datasets will benefit global health and scientific progress. Hear from director of Discovery Research, Michael Dunn, as he reflects on our latest report.

News

We're establishing a new institute to advance genomics in Africa

10 October 20244-minute read

With funding from Wellcome and the Chan Zuckerberg Initiative, the African Bioinformatics Institute aims to streamline, support and develop sustainable genomics and wider bioinformatics research on the African continent.

The Wistar Institute [to 12 Oct 2024]

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

Press Releases

October 8, 2024

<u>Scientists at The Wistar Institute Discover Novel Series of SARS-CoV-2 Mpro Inhibitors for</u>
Potential New COVID-19 Treatments

New research from the Salvino lab identifies novel series of MPro inhibitors

World Bank [to 12 Oct 2024]

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

All News [Selected]

Response to the Mpox Epidemic: Interview with Dr. Michel Muvudi on the World Bank's Strategic Role in the Democratic Republic of Congo (DRC)

What steps have been taken by the World Bank to support the Democratic Republic of Congo (DRC) in the fight against the mpox epidemic? What are some of the impacts that have been observed? The health systems...

Date: October 08, 2024 Type: Feature Story

WFPHA: World Federation of Public Health Associations [to 12 Oct 2024]

https://www.wfpha.org/

Blog, Events

No new digest content identified.

World Medical Association [WMA] [to 12 Oct 2024]

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

Press Releases

WMA ANNUAL GENERAL ASSEMBLY 2024 - HELSINKI

The World Medical Association's annual General Assembly will be held at the Scandic Marina Congress Center, Helsinki from 16-19 October 2024.

World Organisation for Animal Health [OIE] [to 12 Oct 2024]

https://www.oie.int/ Press Releases, Statements No new digest content identified.

::::::

ARM [Alliance for Regenerative Medicine] [to 12 Oct 2024]

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

Selected Press Releases

No new digest content identified.

BIO [to 12 Oct 2024]

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

Press Releases

No new digest announcements identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 12 Oct 2024]

http://www.dcvmn.org/
News; Upcoming events

ANNUAL GENERAL MEETING 2024

October 16 - 18, 2024 São Paulo, Brazil DRAFT Agenda-25th DCVMN AGM 2024

ICBA – International Council of Biotechnology Associations [to 12 Oct 2024]

https://internationalbiotech.org/news/

News

No new digest announcements identified.

IFPMA [to 12 Oct 2024]

https://ifpma.org/

News, Statements [Selected] Statement 9 Oct 2024

77th WHO SEARO Regional Committee: Agenda items 8.2 and 9.6 on NCDs and UHC

On 9 October 2024 in New Delhi, India, IFPMA delivered a statement at the 77th WHO SEARO Regional Committee on Agenda items 8.2 and 9.6: NCDs and UHC.

International Alliance of Patients' Organizations – IAPO [to 12 Oct 2024]

https://www.iapo.org.uk/news Press and media [Selected] No new digest announcements identified.

International Generic and Biosimilar Medicines Association [IGBA]

https://www.igbamedicines.org/

News

No new digest announcements identified.

PhRMA [to 12 Oct 2024]

http://www.phrma.org/

Press Releases

No new digest announcements identified.

::::::

Vaccines/Therapeutics/Medicines - Selected Developer/Manufacturer Announcements

AstraZeneca

<u>Press Releases</u> - No new digest announcements identified

Bavarian Nordic

<u>Latest News</u> - No new digest announcements identified

Bharat Biotech

<u>Press Releases</u> - No new digest announcements identified

BioCubaFarma – Cuba

<u>Últimas Noticias</u> - No new digest announcements identified

Biological E

News - No new digest announcements identified

BioNTech

<u>Press Releases</u> - No new digest announcements identified

Boehringer

Press Releases - No new digest announcements identified

CanSinoBIO

News - Website not responding at inquiry

CIGB

<u>Latest News</u> - No new digest announcements identified.

Cinnagen

Recent News - No new digest announcements identified.

Clover Biopharmaceuticals – China

<u>News</u> - No new digest announcements identified.

Curevac

<u>News</u> - No new digest announcements identified.

Gamaleya National Center/Sputnik

<u>Latest News and Events</u> - 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

10 October 2024

GSK and ViiV Healthcare to showcase advances across industry-leading infectious disease portfolio at IDWeek 2024

60 abstracts to be presented across broad and growing portfolio of vaccines and medicines aimed at getting ahead of infectious disease.

08 October 2024

GSK presents positive data for Arexvy, its respiratory syncytial virus (RSV) vaccine, indicating protection over three RSV seasons

GSK's RSV vaccine is the only RSV vaccine with efficacy and safety data available through 3 full seasons.

07 October 2024

<u>ViiV Healthcare to triple annual supply of long-acting HIV PrEP for low- and middle-income countries</u>

At least two million doses of long-acting cabotegravir for PrEP to be made available in 2025-2026.

EuBiologics, S Korea

News - No new digest announcements identified.

IMBCAMS, China

<u>Home</u> - Website not responding at inquiry.

Janssen/JNJ

<u>Press Releases</u> - No new digest announcements identified.

Merck

News releases

October 09, 2024

New Data to be Presented at IDWeek 2024 Reinforce Merck's Broad and Diverse Vaccines and Infectious Disease Pipeline and Portfolio

Moderna

<u>Press Releases</u> - No new digest announcements identified

Nanogen

News - No new digest announcements identified

Novartis

News - No new digest announcements identified.

Novavax

Press Releases

Oct 9, 2024

COVID-19

Novavax's Updated 2024-2025 Nuvaxovid™ COVID-19 Vaccine Receives Authorization in the EU

Pfizer

Recent Press Releases

10.08.2024

<u>Pfizer to Showcase Scientific Advancements in Respiratory and Other Infectious Diseases at IDWeek 2024</u>

R-Pharm

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

[No news or media page identified]

Sanofi Pasteur

Press Releases

October 9, 2024

<u>Press Release: New Beyfortus data featured at IDWeek reinforce real-world effectiveness</u> against RSV disease and hospitalization in infants

Serum Institute of India

<u>NEWS & ANNOUNCEMENTS</u> - No new digest announcements identified

Sinopharm/WIBPBIBP

News - No new digest announcements identified

Sinovac

Press Releases - No new digest announcements identified.

SK Biosciences

Press Releases

SK bioscience Acquires Stake in U.S. Biotech Fina Biosolutions

- SK bioscience invested USD 3 million in FinaBio, a U.S. company specializing in next-generation conjugate vaccine technology.
- With the agreement, SK bioscience expects to improve the immunogenicity and productivity of conjugate vaccines, including those for pneumoniae and typhoid.
- The company will accelerate its future growth strategies by exploring and investing in promising global companies.

2024.10.08

Takeda

<u>Newsroom</u> - No new digest announcements identified.

Valneva

<u>Press Releases</u> - No new digest announcements identified.

Vector State Research Centre of Viralogy and Biotechnology

<u>Home</u> - [Website not responding [404 error]

WestVac Biopharma

Media - No new digest announcements identified.

Zhifei Longcom, China

[Anhui Zhifei Longcom Biologic Pharmacy Co., Ltd.] <u>Website</u> [No News/Announcements page identified]

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Contents [click to move among sections]

- :: Milestones, Perspectives
- :: WHO
- :: Organization Announcements
- :: Journal Watch
- :: Pre-Print Servers

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Journal Watch

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

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

AJOB Empirical Bioethics

Volume 15, 2023 Issue 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

September 2024 Volume 177, Issue 9 https://www.acpjournals.org/toc/aim/current [Reviewed earlier]

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 12 Oct 2024)

[No new digest content identified]

BMC Health Services Research

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

(Accessed 12 Oct 2024)

<u>Introduction of a hexavalent vaccine containing acellular pertussis into the national immunization program for infants in Peru: a cost-consequence analysis of vaccination coverage</u>

Infant vaccination coverage rates in Peru have declined in recent years, exacerbated by the COVID-19 pandemic. Introduction of the fully-liquid diphtheria, tetanus, and acellular pertussis (DTaP)-inactivated p...

Authors: Janice Seinfeld, Alfredo Sobrevilla, María Laura Rosales, Mauricio Ibañez, César Munayco and

Delia Ruiz

Citation: *BMC Health Services Research* 2024 24:1216 Content type: Research Published on: 10 October 2024

The intention of Egyptian healthcare workers to take the monkeypox vaccine: is urgent action required?

In light of the ongoing monkeypox (MPOX) epidemic, healthcare workers (HCWs) have been in contact with various diseases. Therefore, they should take appropriate preventive and control measures to maintain thei...

Authors: Ramy Mohamed Ghazy, Mai Hussein, Shymaa Mamdouh Mohamed Abdu, Doha El-sayed Ellakwa, Mahmoud M. Tolba, Naglaa Youssef, Amira Saad Mahboob and Samar Abd ElHafeez

Citation: *BMC Health Services Research* 2024 24:1204 Content type: Research Published on: 8 October 2024

Responding to COVID-19: an exploration of EU country responses and directions for further research

During COVID-19, scientists advising policymakers were forced to deal with high uncertainty and risks in an environment of unknowns. Evidence on which policies and measures were effective in responding to the ...

Authors: Gareth H. Rees, Ronald Batenburg and Cris Scotter Citation: *BMC Health Services Research* 2024 24:1198 Content type: Research Published on: 8 October 2024

BMC Infectious Diseases

http://www.biomedcentral.com/bmcinfectdis/content (Accessed 12 Oct 2024)

Meningitis after COVID-19 vaccination, a systematic review of case reports and case series

Vaccination is considered as one of the most promising strategies to overcome the COVID-19 pandemic. However, it could be associated with rare but serious complications. In the present study, we aimed to revie...

Authors: Amirhomayoun Atefi, Aref Ghanaatpisheh, Amirhosein Ghasemi, Hoda Haghshenas, Kimia

Eyvani, Arash Bakhshi, Mohammad Ali Esfandiari, Cena Aram and Alia Saberi

Citation: BMC Infectious Diseases 2024 24:1138

Content type: Research Published on: 10 October 2024

BMC Medical Ethics

http://www.biomedcentral.com/bmcmedethics/content (Accessed 12 Oct 2024) [No new digest content identified]

BMC Medicine

http://www.biomedcentral.com/bmcmed/content (Accessed 12 Oct 2024) [No new digest content identified]

BMC Pregnancy and Childbirth

http://www.biomedcentral.com/bmcpregnancychildbirth/content (Accessed 12 Oct 2024) [No new digest content identified]

BMC Public Health

http://bmcpublichealth.biomedcentral.com/articles (Accessed 12 Oct 2024)

<u>Vaccine hesitancy in context of COVID-19 in East Africa: systematic review and meta-</u> analysis

The outbreak of the SARS-CoV-2 pandemic has had a significant impact on human lives, and the development of effective vaccines has been a promising solution to bring an end to the pandemic. However, the succes...

Authors: Melsew Setegn Alie, Gossa Fetene Abebe, Yilkal Negesse, Amanuel Adugna and Desalegn Girma

Citation: BMC Public Health 2024 24:2796

Content type: Systematic Review Published on: 12 October 2024

<u>Public and health care provider attitudes, understanding, and behaviors regarding</u> <u>emergency use authorizations: a scoping literature review</u>

Under Sect. 564 of the Federal Food, Drug, and Cosmetic Act, when the US Department of Health and Human Services Secretary issues a declaration based on one of four types of determinations, FDA may authorize a...

Authors: Caroline Rains, Kathryn J. Aikin, Helen W. Sullivan, Bridget J. Kelly, Shirley Liu, Camara

Wooten, Jenna Brophy, Susana Peinado, Lauren McCormack and Sandra Crouse Quinn

Citation: *BMC Public Health* 2024 24:2791

Content type: Research Published on: 11 October 2024

BMC Research Notes

http://www.biomedcentral.com/bmcresnotes/content (Accessed 12 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 03, 2024 Volume 187 Issue 20 p5483-5796 https://www.cell.com/cell/current [Reviewed earlier]

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 12 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 [Reviewed earlier]

Current Protocols in Human Genetics

https://currentprotocols.onlinelibrary.wiley.com/journal/19348258 [Accessed 12 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 [Reviewed earlier]

Development in Practice

Volume 34, Issue 6, 2024 https://www.tandfonline.com/toc/cdip20/34/6 [Reviewed earlier]

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

 $\underline{https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/latest-\underline{issue}$

[Reviewed earlier]

Disasters

Volume 48, Issue 4 October 2024 https://onlinelibrary.wiley.com/toc/14677717/2024/48/4 [New issue; No digest content identified]

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

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Global burden of viral infectious diseases of poverty based on Global Burden of Diseases Study 2021

Viral infectious diseases of poverty (vIDPs) remain a significant global health challenge. Despite their profound impact, the burden of these diseases is not comprehensively quantified. This study aims to anal...

Authors: Xin-Chen Li, Yan-Yan Zhang, Qi-Yu Zhang, Jing-Shu Liu, Jin-Jun Ran, Le-Fei Han and Xiao-Xi

Zhang

Citation: *Infectious Diseases of Poverty* 2024 13:71

Content type: Research Article Published on: 8 October 2024

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International Journal of Human Rights in Healthcare

Volume 17 Issue 4 2024

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<u>COVID-19 phobia, response to the vaccine and the right of urban migrant dwellers in the</u> **Ghanaian slums**

Anthony Nkrumah Agyabeng, Alexander Preko, Kofi Hilla Avusuglo, Anthony Sumnaya Kumasey, Akwasi Sarfo Kantanka, Mawuli Feglo

This study investigate urban migrant dwellers' gender and age differences in response to the specific phobia of COVID-19 and hesitancy toward vaccines in the slum settlements.

<u>Protection of intellectual property and human rights during health emergencies: an</u> assessment of the patent waiver proposal

Vishnu Nambiar, Gayatri Kunte, Varadurga Bhat

Several countries, such as South Africa and India, believe that intellectual property rights (IPRs), including patents, impede the efficient increase in vaccine production to...

Restrictive human rights measures against the spread of COVID-19: an interdisciplinary approach between law and health-care management

Ioanna Pervou, Panagiotis Mpogiatzidis

The purpose of this paper is to demonstrate the close relationship between the disciplines of law and health-care studies. This interrelation has become particularly evident...

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October 8, 2024, Vol 332, No. 14, Pages 1125-1218 https://jamanetwork.com/journals/jama/currentissue Original Investigation

Characterizing Long COVID in Children and Adolescents

Rachel S. Gross, MD, MS; Tanayott Thaweethai, PhD; Lawrence C. Kleinman, MD, MPH; et al. has audio

JAMA. 2024;332(14):1174-1188. doi:10.1001/jama.2024.12747

This observational cohort study examines the symptoms experienced by children after SARS-CoV-2 infection and how these symptoms differ by age (6-11 years vs 12-17 years).

Audio: Long COVID in Children

Editorial

Uncovering Long COVID in Children

Suchitra Rao, MBBS, MSCS

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<u>5-year vaccine protection following a single dose of Vi-tetanus toxoid conjugate vaccine in Bangladeshi children (TyVOID): a cluster randomised trial</u>

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Access to highly effective long-acting RSV-monoclonal antibodies for children in LMICs—reducing global inequity

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<u>Improving Ebola virus disease outbreak control through targeted post-exposure prophylaxis</u>

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Adult pneumococcal vaccination: what are the gaps?

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Re-evaluating polio vaccination strategies in Nepal: transitioning from OPV to fIPV for sustained immunity

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Safety, tolerability, and immunogenicity of an adult pneumococcal conjugate vaccine, V116 (STRIDE-3): a randomised, double-blind, active comparator controlled, international phase 3 trial

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<u>Targeted next-generation sequencing to diagnose drug-resistant tuberculosis: a systematic review and meta-analysis</u>

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<u>Evaluation of a single-dose HPV vaccine strategy for promoting vaccine, health, and gender equity</u>

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<u>Long-term waning of vaccine-induced immunity to measles in England: a mathematical modelling study</u>

Alexis Robert, Anne M Suffel, Adam J Kucharski

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Early-life respiratory syncytial virus disease and long-term respiratory health Heather J Zar, et al.

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Joanne G Wildenbeest, et al.

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Volume 30 Issue 9, September 2024 https://www.nature.com/nm/volumes/30/issues/9 [Reviewed earlier]

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Volume 391 No. 14 October 10, 2024 https://www.nejm.org/toc/nejm/medical-journal Perspective

The Mpox Global Health Emergency — A Time for Solidarity and Equity

L.O. Gostin, A.K. Jha, and A. Finch

Mpox in Pregnancy — Risks, Vertical Transmission, Prevention, and Treatment

J.B. Nachega and Others

NEJM Evidence

Volume 3 No. 9 September 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.

[Reviewed earlier]

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Estimating the risk and spatial spread of measles in populations with high MMR uptake: Using school-household networks to understand the 2013 to 2014 outbreak in the Netherlands

James D. Munday, Katherine E. Atkins, Don Klinkenberg, Marc Meurs, Erik Fleur, Susan JM Hahné, Jacco Wallinga, Albert Jan van Hoek Research Article | published 08 Oct 2024 PLOS Medicine https://doi.org/10.1371/journal.pmed.1004466

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Age-appropriate vaccination and associated factors among children aged 12-35 months in Ethiopia: A multi-level analysis

Bekelu Teka Worku, Eshetu Alemayehu Wordofa, Gadisa Senbeto, Beakal Zinab, Ebissa Bayana Kebede, Fira Abamecha, Gurmessa Tura Debela, Negalign Birhanu, Yibeltal Siraneh, Dessalegn Tamiru Research Article | published 10 Oct 2024 PLOS ONE

https://doi.org/10.1371/journal.pone.0305801

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

October 8, 2024 vol. 121 no. 41 https://www.pnas.org/toc/pnas/121/41 Editorial

A new Frontier for US-Africa partnerships

<u>Dalal Najib</u> <u>dnajib@nas.edu</u>, <u>Hussam Mahmoud</u> <u>https://orcid.org/0000-0002-3106-6067</u>, and <u>Daniel</u> PlachtAuthors Info & Affiliations

September 30, 2024 121 (41) e2415154121

https://doi.org/10.1073/pnas.2415154121

Africa's Promise for Science, Technology, and Innovation

Known as the cradle of humankind, Africa is now positioned to shape its future. By 2050, the United Nations projects that the continent's population will reach 2.5 billion, representing more than a quarter of the world population (1). Africa is not only rich in human capital but also in renewable energy resources, namely solar, wind, and hydropower (2). The continent is home to 30% of the world's mineral reserves, including 40% of the world's gold and up to 90% of its chromium and platinum (3). Despite the abundance of its resources, Africa's potential remains largely unfulfilled. The continent still faces many challenges, namely food insecurity, climate change impacts, land degradation and biodiversity loss (4), high poverty (5), low maternal health among children, and lack of accessible education (6).

Science, technology, and innovation can play a key role in resolving some of these pressing challenges and can accelerate the development of the African continent (7). African countries continue to underspend on Research and Development (less than 1% of their GDP) (8). At the same time, the number of researchers on the continent is growing at a fast pace, with the number of researchers per million inhabitants in Africa increasing by 13.7% from 2014 to 2018 (9). This growing body of African researchers has the potential to lead investigations on novel science questions unique to the continent...

Research Article October 4, 2024

<u>Embers of autoregression show how large language models are shaped by the problem</u> they are trained to solve

R. Thomas McCoy, Shunyu Yao, [...] Thomas L. Griffiths Significance

ChatGPT and other large language models (LLMs) have attained unprecedented performance in AI. These systems are likely to influence a diverse range of fields, such as education, intellectual property law, and cognitive science, but they remain poorly understood. Here, we draw upon ideas in cognitive science to show that one productive way to understand these systems is by analyzing the goal that they were trained to accomplish. This perspective reveals some surprising limitations of LLMs, including difficulty on seemingly simple tasks such as counting words or reversing a list. Our empirical results have practical implications for when language models can safely be used, and the approach that we introduce provides a broadly useful perspective for reasoning about AI.

Research Article October 1, 2024Inaugural ArticleCoronavirus (COVID-19)

<u>Estimates of actual and potential lives saved in the United States from the use of COVID-19 convalescent plasma</u>

In the Spring of 2020, the United States of America (USA) deployed COVID-19 convalescent plasma (CCP) to treat hospitalized patients. Over 500,000 patients were treated with CCP during the first year of the pandemic. In this study, we estimated the number ...

Quigly Dragotakes, Patrick W. Johnson, [...] Arturo Casadevall

PNAS Nexus

Volume 3, Issue 8, August 2024 https://academic.oup.com/pnasnexus/issue/3/8 [Reviewed earlier]

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]

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Volume 235 Pages 1-218 (October 2024) https://www.sciencedirect.com/journal/public-health/vol/235/suppl/C [Reviewed earlier]

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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

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Volume 34 Issue 10, August 2024 https://journals.sagepub.com/toc/QHR/current [Reviewed earlier]

Research Ethics

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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 12 Oct 2024] [Reviewed earlier]

Science

Volume 386| Issue 6718| 11 Oct 2024 https://www.science.org/toc/science/current Editorial

Science in a shifting policy system

BY Theresa Harris, Rashada Alexander 10 Oct 2024

Policy Forum

Considerations for governing open foundation models

BY Rishi Bommasani, et al. 10 Oct 2024: 151-153

Abstract

Foundation models (e.g., GPT-4 and Llama 3.1) are at the epicenter of artificial intelligence (AI), driving technological innovation and billions of dollars in investment. This has sparked widespread demands for regulation. Central to the debate about how to regulate foundation models is the process by which foundation models are released (1)—whether they are made available only to the model developers, fully open to the public, or somewhere in between. Open foundation models can benefit society by promoting competition, accelerating innovation, and distributing power. However, an emerging concern is whether open foundation models pose distinct risks to society (2). In general, although most policy proposals and regulations do not mention open foundation models by name, they may have an uneven impact on open and closed foundation models. We illustrate tensions that surface—and that policy-makers should consider—regarding different policy proposals that may disproportionately damage the innovation ecosystem around open foundation models.

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 768| 9 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 12 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]

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https://systematicreviewsjournal.biomedcentral.com/articles [Accessed 12 Oct 2024] [No new digest content identified]

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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 12 Oct 2024]

Open Access Article

Acceptance of Rubella-Containing Vaccine and Factors Associated with Acceptance among Women of Reproductive Age in China: A Cross-Sectional Study

by Xia Xu, Siyu Liu, Xiaoqi Wang, Aodi Huang, Jun Li, Yang Zhou, Lei Wang, Yong Qin, Yu Ma, Shuyi An, Jun Liu, Lin Tang, Zundong Yin and Fuzhen Wang

Vaccines 2024, 12(10), 1153; https://doi.org/10.3390/vaccines12101153 - 8 Oct 2024 Abstract

Objectives: To investigate the acceptance and factors influencing acceptance of rubella-containing vaccine (RCV) among women of reproductive age in Guangdong, Henan, Hubei, Liaoning, Shanxi, Sichuan and Zhejiang provinces of China. Methods: Using a stratified sampling method, we selected one urban and [...

Value in Health

October 2024 Volume 27 Issue 10 p1311-1468 https://www.valueinhealthjournal.com/current [Reviewed earlier]

World Development

Volume 182 October 2024

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Research article Abstract only

Childhood vaccinations and the demand for children: Long-term evidence from India

Arindam Nandi, Amit Summan, Thoại D. Ngô, David E. Bloom Article 106692

Abstract

Childhood vaccinations can increase population growth in the short term by improving the survival rates of young children. Over the long run, reductions in child mortality rates are associated with lower demand for children and lower fertility rates (known as "demographic transition"). Vaccination programs could potentially aid demographic transition by lowering child mortality and improving future health, schooling, and labor market outcomes of vaccinated mothers, but these long-term demographic benefits remain untested. We address this major gap in the literature by examining the associations of India's national childhood vaccination program (the Universal Immunization Programme or UIP) with future demand for children. We combine data on the district-wise rollout of UIP during 1985–1990 with fertility preference data of 625,000 adult women from the National Family Health Survey of India 2015–2016. We include women who were born five years before and after the rollout period (1980–1995) and were cohabiting with a partner at the time of the survey. We divide these 20–36-year-old women into two groups: those who were exposed to UIP at birth (treatment group) and those who were born before the program (control group). After controlling for individual- and household-level factors and age and district fixed effects.

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Pre-Print Servers

arxiv

https://arxiv.org/

[Accessed 12 Oct 2024]

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

What we should learn from pandemic publishing

Satyaki Sikdar, Sara Venturini, Marie-Laure Charpignon, Sagar Kumar, Francesco Rinaldi, Francesco Tudisco, Santo Fortunato, Maimuna S. Majumder

[Submitted on 24 Sep 2024]

Authors of COVID-19 papers produced during the pandemic were overwhelmingly not subject matter experts. Such a massive inflow of scholars from different expertise areas is both an asset and a potential problem. Domain-informed scientific collaboration is the key to preparing for future crises.

The Rise of Health Economics: Transforming the Landscape of Economic Research

<u>Lorenz Gschwent</u>, <u>Björn Hammarfelt</u>, <u>Martin Karlsson</u>, <u>Mathias Kifmann</u> [Submitted on 8 Oct 2024]

This paper explores the evolving role of health economics within economic research and publishing over the past 30 years. Historically largely a niche field, health economics has become increasingly

prominent, with the share of health economics papers in top journals growing significantly. We aim to identify the factors behind this rise, examining how health economics contributes to the broader economic knowledge base and the roles distinct subfields play. Using a combination of bibliometric methods and natural language processing, we classify abstracts to define health economics. Our findings suggest that the mainstreaming of health economics is driven by innovative, high-quality research, with notable cyclicality in quality ratings that highlights the emergence and impact of distinct subfields within the discipline.

Gates Open Research

https://gatesopenresearch.org/browse/articles [Accessed 12 Oct 2024] [No new digest content identified]

medRxiv

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

[Accessed 12 Oct 2024] [Filter: All articles]

Chikungunya Virus VLP Vaccine: Phase 3 Trial in Adults ≥ 65 Years of Age

Lauren C Tindale, Jason S Richardson, Deborah M Anderson, Jason Mendy, Sufia Muhammad, Tobi Loreth, Sarah Royalty Tredo, Roshan Ramanathan, Victoria A Jenkins, Lisa Bedell, Patrick Ajiboye medRxiv 2024.10.10.24315205; doi: https://doi.org/10.1101/2024.10.10.24315205

<u>Pre-pandemic national immunisation programme strength and health workforce capacity improved routine immunisation resilience during the COVID-19 pandemic</u>

Beth Evans, Laurent Kaiser, Olivia Keiser, Thibaut Jombart medRxiv 2024.10.09.24315115; doi: https://doi.org/10.1101/2024.10.09.24315115 Abstract

Background The adverse impact of the COVID 19 pandemic on Routine Immunisation (RI) coverage has been well-documented: most countries experienced backsliding or stagnation in coverage. Qualitative surveys indicated potential causes of such declines, including reduced health care seeking behaviour, lockdowns, and overwhelmed health systems. Methods We investigate determinants of RI resilience during COVID 19 at a national level for 119 countries from 2020 to 2022, using publicly available data on pre pandemic immunisation programme performance, health workforce capacity, health systems strength, health financing, global health security preparedness, COVID 19 burden, COVID-19 containment, economic, and health policy responses, population mobility changes, and country wealth. We employ a mixed methods approach: stepwise linear regression based on a causal inference framework, and Random Forest regression to identify potential nonlinear interactions and collinear effects. Results We provide evidence that stronger pre-pandemic immunisation programmes and more health workers, once above minimum thresholds (about 83% Diphtheria Tetanus Pertussis third dose coverage and 60 health workers per 10,000 population), are associated with improved RI resilience...

Assessing the Alignment of Biomedical Research and Clinical Translation

More than half of all drug clinical trials fail due to lack of efficacy, highlighting gaps in our understanding of disease-target relationships. While it is widely believed that scientific research is essential for identifying drug-targets, whether scientists can allocate their research attention according to the clinical potential of disease-target relationships is unknown. To answer this question, we

analyzed data from Open Targets, a comprehensive disease-target relationship platform. By building an open pipeline that follows drugs through consecutive clinical trial phases, we demonstrate that research attention in the disease-specific primary literature can predict trial success. However, research attention toward specific targets are not predictive for overall trial success across diseases. Our study thus highlights the crucial, yet complex, role of the primary research literature in steering clinical trials, encouraging a more nuanced approach to translational medicine.

A Decade of Progress in HIV, Malaria, and Tuberculosis Initiatives in Malawi

Tara Danielle Mangal, Margherita Molaro, Dominic Nkhoma, Timothy Colbourn, Joseph H. Collins, Eva Janoušková, Matthew M. Graham, Ines Li Lin, Emmanuel Mnjowe, Tisungane E. Mwenyenkulu, Sakshi Mohan, Bingling She, Asif U. Tamuri, Pakwanja D. Twea, Peter Winskill, Andrew Phillips, Joseph Mfutso-Bengo, Timothy B. Hallett

medRxiv 2024.10.08.24315077; doi: https://doi.org/10.1101/2024.10.08.24315077

<u>Understanding Public Attitudes Towards Human Papillomavirus Vaccination in Japan:</u> <u>Insights from Social Media Stance Analysis Using Large Language Models</u>

Junyu Liu, Qian Niu

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

OSF Pre-prints

https://osf.io/preprints/discover?provider=OSF&subject=bepress%7 CLife%20Sciences
[Provider Filter: OSF Pre-prints Subject filters: Medicine and Health Sciences Format Filter: Pre[No new digest content identified]

Wellcome Open Research

https://wellcomeopenresearch.org/browse/articles
[Accessed 12 Oct 2024]
Selected Research
[No new digest content identified]

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Think Tanks

Brookings [to 12 Oct 2024] http://www.brookings.edu/ Research No new digest content identified.

Center for Global Development [to 12 Oct 2024]

https://www.cgd ev.org/ All Research CGD NOTES

Building a Healthier World Without Trust in Research? A Case for Addressing Research Publishing Reform at the World Health Summit

Anastassia Demeshko and Tom Drake

October 10, 2024

The World Health Summit (WHS) this month will convene global health leaders to discuss strategies for "Building Trust for a Healthier World." In this paper we explore the link between trust and access to evidence in global health and offer recommendations for action for global health leaders.

POLICY PAPERS

<u>How Science Diplomacy Can Reshape Global Research Publishing: A Theory of Change Sophie Gulliver</u> et al.

October 08, 2024

In today's digitally interconnected world, the swift exchange of knowledge and research should be commonplace and should drive substantial advancements in health, well-being, and prosperity globally. Yet our current research publishing system is holding us back, deliberately restricting access to re...

Chatham House [to 12 Oct 2024] https://www.chathamhouse.org/

Selected Analysis, Comment, Events No new digest content identified.

Council on Foreign Relations [to 12 Oct 2024]

https://www.cfr.org/media/news-releases New Releases [Selected] No new digest content identified.

CSIS [to 12 Oct 2024]
https://www.csis.org/
Reports [Selected]
No new digest content identified.

Kaiser Family Foundation [to 12 Oct 2024]

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

McKinsey Global Institute [to 12 Oct 2024]

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

ODI [Overseas Development Institute] [to 12 Oct 2024]

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

Pew Research Center [to 12 Oct 2024]

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

Rand [to 12 Oct 2024] https://www.rand.org/pubs.html Published Research [Selected] No new digest content identified.

Urban Institute [to 12 Oct 2024] https://www.urban.org/publications **New Research Publications - Selected**

Research Report

<u>Do No Harm Guide: Global Perspectives on Equity in Research and Data: Global Perspectives on Equity in Research and Data</u>

October 8, 2024

... This seventh volume of the Urban Institute's <u>Do No Harm project</u> explores best practices for data equity and inclusivity beyond the US borders. How does data collection differ from the US? What kinds of data are and should be collected? How does the resulting information contribute to programmatic and research objectives?

The motivation for creating this volume stems from a need to address global inequities—not just in economic growth or life expectancy, but in the research and data ecosystems that affect how people live, work, and collaborate. The authors of these four essays discuss issues that broaden the conversations about context...

World Economic Forum [to 12 Oct 2024]

https://agenda.weforum.org/press/ Media [Selected] No new digest content identified.

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Public Consultations/Call for Inputs/Call for Papers

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

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

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