

Vaccines and Global Health: The Week in Review 04 May 2024 :: Issue 749 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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- :: Think Tanks

Milestones, Perspectives

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<u>Saudi Arabia and the Bill & Melinda Gates Foundation Announce Landmark Push to Eradicate Polio and Lift Millions out of Poverty</u>

Press release

Riyadh, Saudi Arabia, 28 April 2024 – **Saudi Arabia and the Bill & Melinda Gates Foundation today pledged to work together to help protect 370 million children annually from polio and lift millions out of poverty across 33 Islamic Development Bank (IsDB) member countries. To coordinate the implementation of the new partnership, the Bill & Melinda Gates Foundation will open a regional office in Riyadh.**

A total of more than US \$620 million was announced at the World Economic Forum (WEF) Special Meeting in Riyadh by His Excellency Dr. Abdullah A. Al Rabeeah, Advisor to the Royal Court and Supervisor General of the King Salman Humanitarian Aid & Relief Centre (KSrelief) and His Excellency Fahad bin Abdurrahman Al-Jalajel, Minister of Health of the Kingdom of Saudi Arabia, in the presence of Dr. Tedros Adhanom Ghebreyesus, Director General of the World Health Organization (WHO) and Bill Gates, co-chair of the Bill & Melinda Gates Foundation.

Since Africa became wild polio-free in 2020, the only two wild polio endemic countries remaining are Pakistan and Afghanistan. The direct engagement of Middle Eastern countries, including the Kingdom of Saudi Arabia, has helped drive polio cases in those countries down from more than 300 cases in 2014 to 12 in 2023. Until polio cases reach zero and the world is certified polio-free, the Global Polio Eradication Initiative (GPEI) will continue to need resources. **This new commitment from Saudi Arabia is the largest multiyear pledge by a sovereign donor towards the current GPEI strategy**, ensuring that essential health services are provided to hundreds of millions of children each year.

"Polio is a horrific disease that deserves to be in the history books once and for all," said Bill Gates. "I am proud to see the Kingdom of Saudi Arabia, together with partners across the Middle East, step up to help deliver more polio vaccines, measles immunizations, and other vital health services to millions of children every year. This global health investment will help strengthen and build more resilient health systems and communities, at a time of multiple crises around the world. It's also encouraging to see new support for longstanding partnerships like the Lives and Livelihoods Fund, which has been instrumental in lifting millions of people out of poverty."

To accelerate progress toward polio eradication, improved global health, and poverty alleviation, the Kingdom of Saudi Arabia and the Bill & Melinda Gates Foundation announced the following commitments today:

- Saudi Arabia has pledged US \$500 million over the next five years to the Global Polio Eradication Initiative, a public-private partnership led by national governments with six partners, including the Bill & Melinda Gates Foundation.
 - This is the largest contribution made by the Kingdom to polio eradication efforts.
 - This contribution will help deliver vital health services along with polio vaccines to underserved populations through the WHO and UNICEF, which are GPEI partners.

- Since polio eradication efforts began, thanks to the leadership of Rotary International, the GPEI has reduced polio cases by 99% globally, eradicated two of three wild poliovirus strains, and helped save more than 20 million people from polio paralysis. Saudi Arabia and the Bill & Melinda Gates Foundation have pledged US \$3 million and US \$15 million respectively over three years to support the Polio Legacy Challenge.
 - As Afghanistan, one of the last polio-endemic countries, approaches critical milestones for polio eradication, the Polio Legacy Challenge will be spearheaded by the ministries of health in countries across the region, including Saudi Arabia, the UAE, and Qatar, under the auspices of the WHO EMRO Regional Subcommittee for Polio Eradication and Outbreaks.
 - As a results-based financing initiative, the Polio Legacy Challenge will be administered by the IsDB to help strengthen Afghanistan's health systems and incentivise a continued focus on polio eradication.
- Saudi Arabia will contribute US \$100 million to support the Lives and Livelihoods Fund (LLF), the largest multilateral development initiative in the Middle East, which aims to lift the poorest out of poverty across 33 IsDB member countries through investments in strengthening primary health care, eliminating preventable infectious diseases, supporting smallholder farming and rural agriculture, and improving basic infrastructure. This commitment made by Saudi Arabia follows a renewed pledge of US \$50 million from the UAE to the LLF made earlier this week.
- To support the implementation of the programmes announced today, the Bill & Melinda Gates Foundation will establish a regional office in Riyadh, in Mohammed Bin Salman Nonprofit City, and partner with the MiSK Foundation to support youth engagement and effectiveness of the third sector.

H.E. Dr. Abdullah A. Al Rabeeah, Supervisor General of the King Salman Humanitarian Aid & Relief Centre (KSrelief) commented: "In Afghanistan and Pakistan, the last remaining polio-endemic countries, we have seen significant progress, yet work remains to be done as the world pushes towards making eradication possible. The pledge from Saudi Arabia today will enhance the innovation and collaboration needed to eradicate this disease. Together with our partners, the Bill & Melinda Gates Foundation, the Global Polio Eradication Initiative, the Islamic Development Bank and key countries across the region, our support will not only aim to end polio but to also strengthen health systems in these countries."

The Bill & Melinda Gates Foundation is also working with Saudi Arabia's Ministry of Health to ensure a safe and healthy Hajj pilgrimage by improving disease surveillance and testing, bringing safe and clean sanitation solutions to millions of Hajj pilgrims, and providing technical assistance to support Saudi Arabia's vaccine manufacturing capabilities, with the aim of helping low- and middle-income countries access lower-cost vaccines. With this new pledge, Saudi Arabia will serve as an early adopter country for the WHO Global Health Emergency Corps, contributing to global pandemic preparedness and response efforts...

Finally, as part of their collaboration, KSrelief and the Bill & Melinda Gates Foundation are each allocating US \$4 million as a humanitarian relief grant in response to acute humanitarian needs in Gaza, which have disproportionately impacted women and children. This funding will be distributed through UNICEF to deliver health interventions and provide access to basic water and sanitation services.



WHO - SAGE

Development of WHO immunization policy and strategic guidance

29 April 2024 | Guideline

Overview

This guidance describes the methods and processes of the Strategic Advisory Group of Experts (SAGE) on Immunization in developing evidence-based recommendations, WHO vaccine position papers, and other immunization policy guidance. Its aim is to facilitate the work of SAGE, its working groups and the WHO Secretariat, as well as to inform a wider readership, such as national immunization managers and national immunization technical advisory groups. The document will be updated, as necessary, as the methodology for evidence-based decision making evolves.

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Human Immunome Project (HIP

HIP Unveils Scientific Plan to Decode and Model the Immune System

NEW YORK, April 29, 2024 – The Human Immunome Project (HIP), a global nonprofit scientific initiative, released its Scientific Plan today, on World Immunology Day, the organization announced.

- The Scientific Plan details how the nonprofit scientific initiative will generate diverse immunological datasets at scale and build publicly available AI models of the immune system to accelerate medical research and drug discovery, decrease healthcare costs, and improve health for all.
- With less than 0.01% of the data required to understand immune function and diversity on a global scale currently available, the Human Immunome Project can revolutionize our understanding of immunity and our ability to develop targeted interventions to improve health.
- Data collection will begin at a network of Pilot Sites and expand to more than 100 locations worldwide as the initiative progresses.

Scientific Approach – Decoding the Immune System

The Human Immunome Project (HIP) is overseeing the generation of the largest immunological dataset in history and will use these data to build AI models of the immune system that can accelerate medical research and drug discovery, decrease healthcare costs worldwide, and most importantly, improve health for all.

Our first five years will focus on building an immunological dataset, representative of the diversity of humanity and immune responses, that will power our AI models...

[Excerpt]

Phase III: Modeling a New Frontier in Science and Medicine

While the first years focus on the generation of data and development of a predictive understanding of the immune system, the subsequent years are dedicated to both growing the dataset and expanding the AI models from quantitative and predictive to mechanistic and "computable." These advanced and publicly available models will allow not only prediction of immune response outcomes using baseline information, but will provide quantitative, mechanistic information on how the immune system operates and identify novel immune targets. Such information will transform our ability to generate immune interventions to optimize health outcomes, with applications in all areas of health including vaccine development, infectious diseases, autoimmunity, pandemic preparedness, cancer, and neurodegeneration.

Two additional pillars will be pursued to achieve these goals.

First, we will develop artificial immune systems to recapitulate the major features of tissue immunity and multi-tissue immune interactions, which underlie all major functions of the immune system (e.g., from protection against infection and cancer to maintaining homeostasis). This process will allow rapid data generation and testing of interventions, including both therapeutic and genetic modifications of the immune system.

Second, we will develop quantitative, predictive models for molecular recognition. Though immune functions are results of molecular interactions—for example lymphocyte receptors such as T- and B-cell receptors can recognize and remember molecular patterns—the immune field currently has extremely limited capacity both experimentally and computationally to interrogate and predict such molecular recognition at scale. By tackling these two major pillars, HIP will generate the technology and data needed to achieve not only predictive models of the immune system but also tools to enable intervention and truly mechanistic understanding of the immune system at the personal level.

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WHO – Technical Advisory Group on the Responsible Use of the Life Sciences and Dual-Use Research (TAG-RULS DUR)

WHO advisory group convenes its first meeting on responsible use of the life sciences in Geneva

2 May 2024 | *Departmental news*

The World Health Organization (WHO) Technical Advisory Group on the Responsible Use of the Life Sciences and Dual-Use Research (TAG-RULS DUR) was established in November 2023 to provide independent advice to WHO on the monitoring and mitigation of biorisks, advances in the life sciences and related technologies, governance of dual-use research (DUR) and responsible use of the life sciences (RULS).

The twenty members of the TAG-RULS DUR have a breadth of expertise including oversight of dual-use research and dual-use of concern (DURC), biorisk mitigation and management, biosafety and biosecurity, emerging areas of research and technologies in biology and the life sciences and associated disciplines, governance of emerging technologies, risk communication and disinformation, ethics, international law, policy and governance, pandemic prevention, preparedness and response, monitoring and evaluation related to global health security, and the One Health approach to the RULS and DUR. The Emerging Technologies, Research Prioritisation and Support (EPS) Unit, in the Research for Health Department of the WHO Science Division, serves as the WHO Secretariat for the TAG-RULS DUR.

The general objective of the TAG's first hybrid meeting was to provide the opportunity for members to exchange ideas on WHO and related TAGs' activities, discuss current and upcoming activities of the project on the responsible use of the life sciences and dual-use research and provide technical guidance to WHO. From 16-18 April 2024, the members of the TAG-RULS DUR met at WHO headquarters in Geneva to share their views and advance on the work from the first meeting of the TAG-RULS DUR, held virtually in January 2024.

On the second and third days of the meeting, the TAG members had the opportunity to discuss the objectives, activities and deliverables of the **four working groups that comprise the TAG**:

- 1) Science and technology advances,
- 2) Operationalizing biorisk mitigation,
- 3) Capacity building, training and education and
- 4) Reporting mechanism.

The purpose of these groups is to focus activities and discussions on specific priority topics and develop recommendations and products that advance specific focus areas of WHO work related to RULS and DUR. Each group was given the opportunity to meet independently before returning to plenary sessions to share and discuss their ideas with the rest of the group.

The meeting concluded with the TAG's consensus on WHO priority actions, recommendations and deliverables for 2024–25, which will be included in a forthcoming comprehensive meeting report...

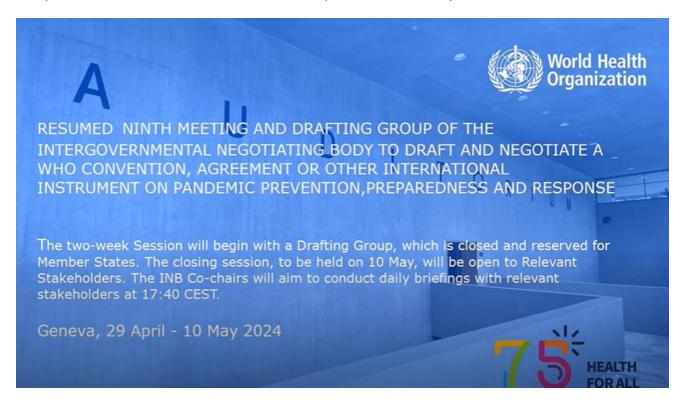
Updates on upcoming events and publications will be available on the TAG-RULS DUR website.

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Pandemic Accord

Ninth meeting of the Intergovernmental Negotiating Body (INB) for a WHO instrument on pandemic prevention, preparedness and response

WHO Member States resumed INB9 negotiations aimed at finalizing a pandemic agreement during the period 29 April to 10 May. INB9 documentation and a webcast window is available at this <u>link</u>, but no updates on this resumed session have been posted as of 04 May 2024.



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<u>Communiqué from the African High-Level Ministerial Consultation for Intergovernmental Negotiating Body on the Draft Pandemic Prevention, Preparedness and Response Agreement</u>

29 April 2024 [Excerpt]

...COLLECTIVELY, WE RESOLVE AND COMMIT OUR GOVERNMENTS AND INSTITUTIONS TO:

1. ENSURE EQUITY IN THE DRAFT PANDEMIC AGREEMENT through:

- a. A multilateral pathogen access and benefit sharing system (PABS), which provides legal certainty for both users and providers and ensures an improved access to pandemic-related health products, technologies with measures that establishes regionally-distributed production of pandemic related health products.
- b. Commitments to organize and resource technical support on the range of matters covered by the draft agreement, including all equity-related provisions, as well as pandemic prevention and public health surveillance, preparedness, readiness, and resilience, and health and care workforce through WHO coordinated mechanisms that are accountable to the Conference of Parties.
- c. Appropriate safeguards and limitations that should be placed on the use and sharing of data and information provided by State Parties to WHO, such that the information shared should not be used to the detriment of the interests of the State Parties providing the information such as disproportionate travel or trade bans, devaluation of credit rating and/or sovereign bonds.

2. PANDEMIC PREVENTION, PREPAREDNESS AND RESPONSE (PPPR)

- a. Formulate coherent national and regional strategies for emergency preparedness and response and health workforce development, including community health workforce.
- b. Enact domestic laws providing for broad exemptions and limitations to intellectual property to address public health emergencies.
- c. Increase supply chain diversification and logistics streamlining (continental, regional and national), including through initiatives with other Global South countries.
- d. Make incremental steps, in line with respective capacities and nationally self-determined priorities, on PPPR competencies.
- e. Operationalize various WHO coordinated mechanisms such as on coordinating R&D and technology transfer, in a manner that such mechanisms are accountable to the Conference of Parties and take guidance from the Conference of Parties in their operations.

3. PREDICTABLE, SUSTAINABLE FINANCING AND GOVERNANCE

- a. Call for an International financing mechanism that is accountable to the Conference of Parties and enshrining explicit commitments to new, sustainable, and increased funding support from developed countries for country-level pandemic prevention, preparedness and response in developing countries, debt relief and debt restructuring mechanisms including debt for PPPR swaps.
- b. Accelerate the operationalisation of the financing of the African Epidemic Fund.

AFRICA STANDS READY TO PLAY ITS PART AND COMMITS TO ENGAGE ACTIVELY IN	THE ONGOING
NEGOTIATIONS AND FINALISATION OF THE DRAFT PANDEMIC AGREEMENT.	
Addis Ababa, 27 April 2024	

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Polio - PHEIC

Polio this week as of 01 May 2024 - GPEI

Headlines

- :: Kingdom of Saudi Arabia pledges US\$ 500 million to protect children from polio. New commitment to help vaccinate 370 million children against polio every year, preventing paralysis and even death, and strengthen health systems to achieve and sustain a polio-free world. Read more.
- :: On 28 April, the Islamic Development Bank (IsDB) and partners convened to celebrate the IsDB's Golden Jubilee in Riyadh, Saudi Arabia. Over the last 50 years, the IsDB has been a leading partner in advancing health and development around the world, including through the polio eradication effort. Since 2013, the IsDB has provided US\$ 587 million to the Global Polio Eradication Initiative (GPEI) and has been a key partner in promoting eradication and access to life-saving vaccines. To date, the IsDB is one of the largest providers of funding to the national polio eradication program in Pakistan one of the last two countries where wild poliovirus remains endemic. Read more...
- :: In 2023, the GPEI Strategy Committee in 2023 commissioned an external evaluation of the 2016 global withdrawal of Sabin poliovirus type 2 (OPV2) and switch from trivalent oral polio vaccine (tOPV) to bivalent OPV (bOPV). The evaluation aims to generate critical lessons learnt from the OPV2 withdrawal, in order to guide the direction of the GPEI (including future OPV withdrawal efforts) and secure a lasting world free of all polioviruses. To ensure the evaluation is as relevant and useful as possible, and to provide the public health community and other interested stakeholders the opportunity to contribute, the lessons learned team is soliciting thoughts, comments and suggestions on the **public draft for consultation**. Interested stakeholders and members of the public health community are invited to share any contributions, ideas or suggestions by Friday 10 May 2024, to: switch@who.int. Final publication of the evaluation is anticipated shortly after this public consultation. Public draft for consultation/annexes available here.
- :: On 25 April, the President of the Republic of Madagascar, Andry Rajoelina, and the First Lady, Mialy Rajoelina, received a high-level delegation from the Global Polio Eradication Initiative (GPEI) in Ambohitsorohitra palace in the capital, Antananarivo. The delegation included the Regional Director of the World Health Organization (WHO) for Africa, Dr Matshidiso Moeti, the President of the Polio Oversight Board, Dr Chris Elias, the Regional Director of UNICEF for Eastern and Southern Africa, Etleva Kadilli, and the Director of Health Systems Strengthening and Immunization from Gavi, the Vaccine Alliance, Alex de Jonquieres. To read more about the meeting, a press release is available here in French.

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

- Afghanistan: two WPV1-positive environmental samples
- Niger: one cVDPV2-positive environmental sample
- Nigeria: two cVDPV2 casesYemen: three cVDPV2 cases

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WHO & Regional Offices [to 04 May 2024]

https://www.who.int/news

Selected News/Announcements/Statements

3 May 2024 Statement

Rafah incursion would substantially increase mortality and morbidity and further weaken an already broken health system

2 May 2024 Departmental news

<u>International Development Innovation Alliance and WHO renew collaboration on scale-up</u> of health innovations

2 May 2024 Departmental news

WHO advisory group convenes its first meeting on responsible use of the life sciences in Geneva

29 April 2024 Departmental news

Strengthened global capacities on climate change and health: WHO training in Madrid

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region

:: 30 April 2024

Mozambique boosts HPV vaccination to reach high coverage

:: 30 April 2024

Seychelles celebrates 50 years of saving children's lives through immunization

WHO Region of the Americas PAHO

:: 1 May 2024

MD Anderson and Pan American Health Organization join forces to support cancer prevention and control in the Americas

Washington, D.C. / Houston, May 1, 2024— The University of Texas MD Anderson Cancer Center and the Pan American Health Organization (PAHO) today announced the signing of an agreement to strengthen cancer prevention and control initiatives across the Americas. The event took place in Washington, D.C., with leaders from both organizations....

:: 30 Apr 2024

PAHO Director statement on the External Evaluation of PAHO's Results-Based Management Framework Implementation

29 April 2024PAHO's Results-Based Management (RBM) framework was adopted in 2008. It significantly changed the way PAHO operated, shifting the focus from short-term results within the manageable interests of managers to medium-term results that directly benefit the health of the population in the Region of the Americas. The first external...

WHO South-East Asia Region SEARO

No new digest content identified.

WHO European Region EURO

:: 1 May 2024 Media release

New WHO/Europe report highlights a direct link between COVID-19 and increased obesity in school-aged children

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. No new digest content identified.

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Disease Outbreak News (DONs)

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

No new digest content identified.

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Weekly Epidemiological Record

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

Vol. 99, No. 18, pp. 203-224 3 May 2024

https://iris.who.int/bitstream/handle/10665/376641/WER9918-eng-fre.pdf

:: WHO position paper on dengue vaccines - May 2024

::::::

New WHO Publications

https://www.who.int/publications/i Selected 1 May 2024

Welcome to the WHO Global Traditional Medicine Centre

29 April 2024

WHO operational handbook on tuberculosis: module 6: tuberculosis and comorbidities, 2nd ed

29 April 2024

Development of WHO immunization policy and strategic guidance

29 April 2024

WHO consolidated guidelines on tuberculosis: module 6: tuberculosis and comorbidities

29 April 2024

<u>Handbook for non-State actors on engagement with the World Health Organization,</u> second edition

28 April 2024

Considerations for human papillomavirus (HPV) vaccine product choice

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USA – HHS, FDA, CDC

HHS

News

HHS Releases New Data Showing Over 10 Million People with Medicare Received a Free Vaccine Because of the President's Inflation Reduction Act; Releases Draft Guidance for the Second Cycle of Medicare Drug Price Negotiation Program

May 3, 2024 News Release

FDA

<u>Press Announcements</u> No new digest content identified.

FDA VRBPAC

Advisory Committee Calendar

<u>Vaccines and Related Biological Products Advisory Committee May 16, 2024 Meeting Announcement - 05/16/2024</u>

CDC/ACIP [U.S.] [to 04 May 2024] http://www.cdc.gov/media/index.html

Latest News Releases

No new digest content identified.

ACIP Meetings

Next ACIP Meeting
June 26-28

MMWR Weekly

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

May 2, 2024 / No. 17

PDF of this issue

No new digest content identified.

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Europe

European Medicines Agency [EMA]

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

News & Press Releases

ETF recommends updating COVID-19 vaccines to target new JN.1 variant

*Updated vaccines will help maintain protection against disease as virus continues to evolve.*30 April 2024

EMA's <u>Emergency Task Force (ETF)</u> has recommended updating COVID-19 vaccines to target the new SARS-CoV-2 variant JN.1 for the 2024/2025 vaccination campaign.

JN.1 differs from the XBB family targeted by previous updated vaccines and has now surpassed the XBB variants to become the most widely circulating variant worldwide.

In making its recommendation, the ETF consulted the <u>World Health Organization (WHO)</u>, international partners and marketing authorisation holders for COVID-19 vaccines. The ETF also considered a wide range of data, including data on the evolution of the virus and data from animal studies on the effects of candidate vaccines targeting JN.1...

European Centre for Disease Prevention and Control

https://www.ecdc.europa.eu/en News/Updates/Reports/Publications [Selected] News No new digest content identified.

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Africa CDC [to 04 May 2024]

https://africacdc.org/

Press Releases, Statements [Selected]

News Brief

Africa speaks with one voice on the Pandemic Agreement

2 May 2024

African leaders are looking forward to a just and fair pandemic agreement and a high-level ministerial consultation for the intergovernmental negotiating body on the draft of the Pandemic Prevention, Preparedness, and Response Agreement.

The Ministers of Health of African Union Member States met in Addis Ababa, Ethiopia, on 27 April, under the facilitation of the Africa Centres for Disease Control and Prevention (Africa CDC) to drive this message home.

"We need African opinion and voice to be heard because this is the only way for us to show that we are together," said Dr Jean Kaseya, the Director General of Africa CDC, opening the meeting in Addis Ababa.

All AU members were represented at the meeting for the first time, and eight health ministers participated online.

"We decided to come and strengthen the voice for the continent and the world," Dr Kaseya said...

Statement

<u>Statement by H.E Dr. Jean Kaseya, Director General of Africa CDC, on the African</u> Vaccination Week

30 April 2024

- ... To address these challenges, the Africa CDC has laid out key actions
- 1. Creation of a new Directorate of Primary Health Care, to have a centred focus on strengthening health systems and immunization across the continent

- 2. Leading the charge towards the vital goal of access to safe and effective vaccines. Heads of State and Government recently expanded local manufacturing of vaccines, diagnostics, and therapeutics for Africa's self-sufficiency in health
- 3. Fostering partnerships with like-minded partners, investing in research, and building local capacity

Communiqué

<u>Communiqué from the African High-Level Ministerial Consultation for Intergovernmental Negotiating Body on the Draft Pandemic Prevention, Preparedness and Response Agreement</u>

29 April 2024

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China CDC

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

National Health Commission of the People's Republic of China [to 04 May 2024]

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

News

No new digest content identified.

National Medical Products Administration – PRC [to 04 May 2024]

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

News

No new digest content identified.

China CDC

Weekly Reports: Current Volume (6)

2024-05-03 / No. 18

View PDF of this issue

- <u>Preplanned Studies: Trends and Age-Period-Cohort Effect on Incidence of Varicella Under Age 35 — China, 2005–2021</u>

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Organization Announcements

Paul G. Allen Frontiers Group [to 04 May 2024]

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

News

Featured

Unraveling the Complexity of the Mammalian Brain

04.03.2024

Scientists used advanced, single-cell genomics and spatial mapping technologies to reveal this complex and rich cellular landscape.

BMGF - Gates Foundation [to 04 May 2024]

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

Press Releases & Statements Press release Apr 28, 2024

<u>Saudi Arabia and the Bill & Melinda Gates Foundation Announce Landmark Push to Eradicate Polio and Lift Millions out of Poverty</u>

Bill & Melinda Gates Medical Research Institute [to 04 May 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 04 May 2024]

https://carb-x.org/

News

04.30.2024

CARB-X 2023 Annual Report Released Today

The report highlights key takeaways from the strategic review of the portfolio, funding round results, CARB-X's work in low- and middle-income countries (LMICs), and new CARB-X donors including the Government of Canada and the Novo Nordisk Foundation.

CEPI – Coalition for Epidemic Preparedness Innovations [to 04 May 2024]

http://cepi.net/

Latest News

No new digest content identified.

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 04

May 2024]

https://cioms.ch/

News; Publications; Events

PUBLIC CONSULTATION OF THE DRAFT SCAR [Severe Cutaneous Adverse Reactions]

REPORT IS NOW OPEN!

Deadline: Friday 7 June 2024

Working Group objectives

To establish a balanced, efficient, global perspective on SCAR detection, susceptibility factors, severity, outcome and probability through causality assessment tools, monitoring and management during the drug development and post-marketing phases.

:: Draft report

:: Comment form

DARPA - Defense Advanced Research Projects Agency [U.S.] [to 04 May 2024

https://www.darpa.mil/news

News

No new digest content identified.

Duke Global Health Innovation Center [to 04 May 2024]

https://dukeghic.org/

News

No new digest content identified.

EDCTP [to 04 May 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 04 May 2024]

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

European Vaccine Initiative [to 04 May 2024]

http://www.euvaccine.eu/ Latest News, Events No new digest content identified.

Evidence Aid [to 04 May 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/

Resources [Selected]

<u>Interventions to increase influenza vaccination rates among people in the community aged 60 years and older</u>

Added April 28, 2024

Thomas RE, Lorenzetti DL. <u>Interventions to increase influenza vaccination rates of those 60 years and older in the community</u>. <u>Cochrane Database of Systematic Reviews</u>. 2018;(5):CD005188.

Olfactory dysfunction in COVID-19

Added April 27, 2024

Fondation Merieux [to 04 May 2024]

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

News, Events

Mérieux Foundation & University of Geneva co-organized event

24th Advanced Course of Vaccinology (ADVAC)

May 6-17, 2024 - Les Pensières Center for Global Health, Veyrier-du-Lac (France)

Gavi [to 04 May 2024] https://www.gavi.org/ Press Releases

1 May 2024

Global Impact, on Behalf of the Advancing Health Online Initiative (AHO) and Gavi, the Vaccine Alliance, invest US\$ 12 million through the VaxSocial Initiative to implement innovative social media interventions to build vaccine confidence

29 April 2024

<u>Kingdom of Saudi Arabia pledges US\$ 500 million to protect children from polio and end the disease for good</u>

GE2P2 Global Foundation [to 04 May 2024]

www.ge2p2.org

News/Analysis/Publications-Digests/Statements

- :: Vaccines and Global Health: The Week in Review Current edition
- :: Informed Consent: A Monthly Review March 2024
- :: Public Consultations Watch :: Global Calls for Input/Public Comment 17 April 2024 Issue 16

GHIT Fund [to 04 May 2024]

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

Press Releases

No new digest content identified.

Global Fund [to 04 May 2024]

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

News & Stories 02 May 2024

Global Fund Extends Vital Support to Sudan Amid Ongoing Conflict

Amid the ongoing conflict in Sudan, the Global Fund to Fight AIDS, Tuberculosis and Malaria (the Global Fund) has signed grant agreements with the United Nations Children's Fund (UNICEF) and the United Nations Development Programme (UNDP)... The US\$118 million grant agreement signed

between the Global Fund and UNICEF will ensure the delivery of essential malaria services in Sudan. The grant aims to address the urgent need for malaria rapid diagnostic tests and treatment for the estimated 6.5 million, 6.2 million and 5.8 million malaria cases in Sudan for the years 2024, 2025 and 2026 respectively. It will also aid in the prevention of malaria through the distribution of insecticide-treated mosquito nets and other care for a population of 28 million, as well as support for related health systems strengthening and community-led initiatives.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 04 May

2024]

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

News

No new digest content identified.

Hilleman Laboratories [to 04 May 2024]

http://www.hilleman-labs.org/ News & Insights No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 04 May 2024]

https://www.hhmi.org/news

Press Room

Finding a Master Immune System Controller

New research shows that a region of the brain can ramp the immune system both up and down, opening the door to new scientific discoveries—and to new approaches to tackling a wide range of immune system disorders and diseases, from rheumatoid arthritis to toxic shock syndrome. May 01, 2024

Human Immunome Project [nee Human Vaccines Project] [to 04 May 2024]

http://www.humanvaccinesproject.org/

News

HIP Unveils Scientific Plan to Decode and Model the Immune System

NEW YORK, April 29, 2024 – The Human Immunome Project (HIP), a global nonprofit scientific initiative, released its Scientific Plan today, on World Immunology Day, the organization announced. The plan provides a detailed roadmap of how the Human Immunome Project and its network of global study sites will generate the world's largest and most diverse...

April 29, 2024 Liza Kane-Hartnett

IAVI [to 04 May 2024] https://www.iavi.org/
News, Features
Features

TB vaccine workshop report published in Frontiers in Tuberculosis

May 2, 2024

Workshop examined high-burden country data needs for future TB vaccine introduction

INSERM [to 04 May 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 04 May 2024]

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

ICRC [to 04 May 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 04 May 2024] http://media.ifrc.org/ifrc/news/press-releases/ Press Releases [Selected] 03/05/2024

IFRC: Urgent need to rethink humanitarian approach in Afghanistan

... Without a radical rethink of approaches to humanitarian aid, the root causes of the crisis cannot be tackled sustainably. Time and funding are running out...

Institut Pasteur [to 04 May 2024] https://www.pasteur.fr/en/press-area Press Documents
No new digest content identified.

ISC / International Science Council [to 04 May 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] No new digest content identified.

IVAC [to 04 May 2024]

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

Updates; Events May 03, 2024

Free Coursera Course: "Infectious Disease Modeling in Practice"

IVI [to 04 May 2024]

http://www.ivi.int/

IVI News & Announcements

Accelerating vaccines against cholera: IVI's film for the Healthier Together series, presented by the WHO Foundation

Johns Hopkins Center for Health Security [to 04 May 2024]

https://centerforhealthsecurity.org/newsroom

Center News [Selected]

No new digest content identified.

MSF/Médecins Sans Frontières [to 04 May 2024]

http://www.msf.org/

Latest [Selected Announcements]

Haiti

People cut off from vital healthcare as intense violence grips Port-au-Prince

Project Update 3 May 2024

Gaza-Israel war

The near impossible task of getting lifesaving supplies into Gaza

Op-Ed 2 May 2024

Conflict in Sudan

<u>Catastrophic malnutrition crisis in Zamzam camp amidst escalating violence in North</u> <u>Darfur</u>

Press Release 1 May 2024

Gaza-Israel war

Gaza's silent killings: The destruction of the healthcare system in Rafah

Report 29 Apr 2024

Gaza-Israel war

People in Gaza at serious risk of preventable deaths as healthcare crumbles

Press Release 29 Apr 2024

National Academy of Medicine - USA [to 04 May 2024]

https://nam.edu/programs/

News [Selected]

No new digest content identified.

National Academies-Sciences-Engineering-Medicine [NASEM] - USA [to 04 May 2024]

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

News

No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 04 May 2024]

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

Upcoming Meetings/Latest Updates

June 13-14, 2024

NIH [to 04 May 2024]

http://www.nih.gov/

New Releases

No new digest content identified.

Sabin Vaccine Institute [to 04 May 2024]

https://www.sabin.org/press/ Latest News & Press Releases

No new digest content identified.

UNAIDS [to 04 May 2024]

http://www.unaids.org/en

News, Stories, Updates

UNAIDS - planning for sustainability of the HIV response up to and beyond 2030

30 April 2024

UNICEF [to 04 May 2024]

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

Latest press releases, news notes and statements

Press release 28 April 2024

<u>Kingdom of Saudi Arabia pledges US \$500 million to protect children around the world</u> <u>from polio and end the disease for good</u>

RIYADH, 28 APRIL 2024 - Today, at the first-ever World Economic Forum (WEF) Special Meeting hosted in Riyadh, the Kingdom of Saudi Arabia has pledged US \$500 million over the next five years to support the work of the Global Polio Eradication Initiative (GPEI). This announcement marks a significant increase in funding for the global effort to...

Unitaid [to 04 May 2024] https://unitaid.org/ Featured News 30 April 2024

From principle to practice: involving communities in research design for effective hepatitis C prevention

Vaccine Equity Cooperative [nee Initiative] [to 04 May 2024]

https://vaccineequitycooperative.org/news/

News

No new digest content identified.

Vaccination Acceptance & Demand Initiative [Sabin) [to 04 May 2024]

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

Vaccine Confidence Project [to 04 May 2024]

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

Vaccine Education Center – Children's Hospital of Philadelphia [to 04 May 2024]

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

News

No new digest content identified.

Wellcome Trust [to 04 May 2024]

https://wellcome.org/ News. Opinion, Reports Explainer Author-Simge Eva Dogan

Dengue is now endemic in over 100 countries – here's what you need to know

30 April 2024

Half the world's population is at risk of dengue. We look at the factors behind the recent rise in infections, how the disease is prevented and the need for further advancements.

The Wistar Institute [to 04 May 2024]

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

Press Releases May 3, 2024

Wistar Scientists Discover New Immunosuppressive Mechanism in Brain Cancer

Wistar's Veglia lab identified how glioblastoma evades the immune system by inducing pro-tumor macrophages via a glucose bas...

World Bank [to 04 May 2024]

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

All News [Selected]

No new digest content identified.

WFPHA: World Federation of Public Health Associations [to 04 May 2024]

https://www.wfpha.org/

Event

No new digest content identified.

World Medical Association [WMA] [to 04 May 2024]

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

Press Releases

No new digest content identified.

World Organisation for Animal Health [to 04 May 2024]

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

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ARM [Alliance for Regenerative Medicine] [to 04 May 2024]

https://alliancerm.org/press-releases/ Selected Press Releases

No new digest content identified.

BIO [to 04 May 2024]

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

Press Releases

No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 04 May 2024]

http://www.dcvmn.org/

News; Upcoming events

No new digest content identified.

ICBA – International Council of Biotechnology Associations [to 04 May 2024]

https://internationalbiotech.org/news/

News

Website not responding at inquiry.

IFPMA [to 04 May 2024]

https://ifpma.org/

News

No new digest announcements identified.

International Alliance of Patients' Organizations – IAPO [to 04 May 2024]

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

Press and media [Selected]

IAPO present at the 6th Global Ministerial Summit on Patient Safety in Chile

Events

Tuesday, 30 April 2024

IAPO was invited to speak at one of the workshop sessions of the 6th Global Ministerial Summit on Patient Safety held in April 2024 in Santiago, Chile.

International Generic and Biosimilar Medicines Association [IGBA]

https://www.igbamedicines.org/

News

No new digest announcements identified.

PhRMA [to 04 May 2024]

http://www.phrma.org/

Press Releases

No new digest announcements identified.

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Vaccines/Therapeutics/Medicines - Selected Developer/Manufacturer Announcements

AstraZeneca

<u>Press Releases</u> - 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

BE'S PNEUBEVAX 14TM SAFE & IMMUNOGENIC IN 6-8-WEEK OLD INFANTS

- 'Vaccine', a reputed peer-reviewed international journal, Publishes Phase-III Results of PNEUBEVAX
 14TM
- BE-PCV-14 can be given safely to infants to prevent Pneumococcal Disease
- PNEUBEVAX 14TM induced robust & functional serotype specific immune response in infants to 14 serotypes offering broadest serotype coverage of any paediatric pneumococcal conjugate vaccine available in India
- The Phase-III clinical trial data indicates that PCV-14 is non inferior to all the twelve common serotypes present in the comparator vaccine PCV-13 used in the study Hyderabad, April 30, 2024

BioNTech

Press Releases - No new digest announcements identified.

Boehringer

Press Releases - No new digest announcements identified.

CanSinoBIO

<u>News</u> - 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 [Bayer Ag – Germany]

News - 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 - No new digest announcements identified.

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

Merck Announces Positive Data for V116, an Investigational, 21-Valent Pneumococcal Conjugate Vaccine Specifically Designed for Adults

April 29, 2024

Moderna

Press Releases

<u>Moderna Reports First Quarter 2024 Financial Results and Provides Business Updates</u>
May 2, 2024

...Prepares for launches of RSV vaccine and Spikevax® 2024-2025 formula; reaffirms 2024 expected product sales of approximately \$4 billion

...Advanced three new vaccine programs (Epstein-Barr virus, Varicella-Zoster virus, norovirus) toward Phase 3 clinical trials as announced at Vaccines Day investor event

Nanogen

News - No new digest announcements identified

Novartis

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

Novavax

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

Pfizer

Recent Press Releases - No new digest announcements identified

R-Pharm

https://rpharm-us.com/index.php
[No news or media page identified]

Sanofi Pasteur

Press Releases

<u>Press Release: Beyfortus real-world evidence published in The Lancet shows 82% reduction in infant RSV hospitalizations</u>

May 2, 2024

- Beyfortus real-world evidence published in The Lancet shows 82% reduction in infant RSV hospitalizations
- New real-world evidence shows Beyfortus (nirsevimab) substantially reduced RSV lower respiratory tract disease and hospitalizations in infants during the 2023-2024 RSV season, versus no intervention1-6
- Results add to the consistent high efficacy of Beyfortus against medically attended RSV lower respiratory tract disease, shown in the pivotal clinical studies and the outcomes from HARMONIE, a phase 3b clinical study conducted in close to real-life conditions7-10

Serum Institute of India

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

Sinopharm/WIBPBIBP

News - No new digest announcements identified

Sinovac

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

SK Biosciences

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

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

Home - 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
- :: <u>WHO</u>
- :: 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 1 https://www.tandfonline.com/toc/uabr21/current

AMA Journal of Ethics

Volume 26, Number 5: E361-433 May 2024

https://journalofethics.ama-assn.org/issue/antimicrobial-resistance

Antimicrobial Resistance

Microbes include bacteria, parasites, viruses, and fungi that constantly evolve. Antimicrobial resistance (AMR) happens when microbes change, becoming harder to treat in individual human and nonhuman animals and plants with antibiotic, antiparasitic, antiviral, and antifungal agents. Resistant pathogens are easily transmissible across human and nonhuman ecology, and this theme issue attends to ethical, clinical, and policy dimensions of this set of problems. National and international burden of AMR has been assessed in terms of infection incidence, deaths, hospital length of stay, and location-specific costs of developing and applying specific pathogen-drug combinations to try to save lives and preserve food supplies. Routine and focused surveillance is key to understanding microbiological, individual, social, and ecological root causes, downstream effects, and sources of domestic and global inequity in AMR.

American Journal of Human Genetics

May 02, 2024 Volume 111 Issue 5 p807-996 https://www.cell.com/ajhg/current

Editors' Corner

This Month in The Journal

Alyson B. Barnes, Kylee L. Spencer, Sara B. Cullinan

The rise of genomic medicine programs in the United States has been remarkable. In just a few short years, advances in technology have changed the practice of clinical genetics. Most programs, however, are based at major medical centers located in large, urban settings. This concentration of resources and expertise presents barriers to access, especially for those patients and families who reside in rural communities. In this issue, Cohen et al. discuss a new initiative of Genomic Answers for Kids (GA4K), a pediatric rare disease program based at the Children's Mercy Research Institute, that was developed to address this inequity.

Review

<u>Aspiring toward equitable benefits from genomic advances to individuals of ancestrally diverse backgrounds</u>

Ying Wang, Yixuan He, Yue Shi, David C. Qian, Kathryn J. Gray, Robert Winn, Alicia R. Martin This review examines genomic advances across diverse populations, highlighting reproductive genomics and precision oncology where usage is highest. We discuss primary applications of genetic testing, accessibility, and representativeness across ancestries. To promote equitable benefits and health outcomes, we emphasize the essential integration of genomic advancements with social determinants of health.

Perspectives

Genomic Answers for Kids: Toward more equitable access to genomic testing for rare diseases in rural populations

Ana S.A. Cohen, Courtney D. Berrios, Tricia N. Zion, Cassandra M. Barrett, Riley Moore, Emelia Boillat, Bradley Belden, Emily G. Farrow, Isabelle Thiffault, Britton D. Zuccarelli, Tomi Pastinen

Individuals with rare genetic disorders face a long road to obtain a diagnosis and resulting medical care. Those who live in rural areas face even more challenges due to reduced access to testing and

resources. Partnerships with rural PCPs can shorten time to diagnosis by delivering specialist-supported genomic testing and counseling.

American Journal of Infection Control

May 2024 Volume 52 Issue 5 p501-624 http://www.ajicjournal.org/current Major Articles

<u>Understanding factors associated with COVID-19 vaccination among health care workers using the Diffusion of Innovation Theory</u>

Gail C. D'Souza, et al.

Published online: January 10, 2024

p509-516

The second dose of COVID-19 vaccine booster hesitancy among health care workers in China: A multicenter cross-sectional study

Ling Zhang, et al.

Published online: November 23, 2023

p525-532

<u>Effect of chronic diseases on willingness to receive the second COVID-19 vaccine booster dose among cancer patients: A multicenter cross-sectional survey in China</u>

Mufan Li,et al.

Published online: November 23, 2023

p533-540

American Journal of Preventive Medicine

May 2024 Volume 66 Issue 5 p751-926 https://www.ajpmonline.org/current [New issue; No digest content identified]

American Journal of Public Health

May 2024 114(5) http://ajph.aphapublications.org/toc/ajph/current [Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 110 (2024): Issue 5 (May 2024)

https://www.ajtmh.org/view/journals/tpmd/110/4/tpmd.110.issue-5.xml

Articles

<u>Implementation of a Randomized, Placebo-Controlled Trial of Live Attenuated Malaria</u> <u>Sporozoite Vaccines in an Indonesian Military Study Population</u>

Khoriah Indrihutami, et al.

Volume/Issue: Volume 110: Issue 5
Article Category: Research Article

DOI: https://doi.org/10.4269/ajtmh.23-0597

Page(s): 892-901

<u>Perspectives on the Performance of the Ethiopian Vaccine Supply Chain and Logistics</u> <u>System after the Last Mile Delivery Initiative: A Phenomenological Study</u>

Samson Gebremedhin, et al.

Volume/Issue: Volume 110: Issue 5
Article Category: Research Article

DOI: https://doi.org/10.4269/ajtmh.23-0622

Page(s): 1029-1038

Annals of Internal Medicine

April 2024 Volume 177, Issue 4 https://www.acpjournals.org/toc/aim/current [Reviewed earlier]

Artificial Intelligence – An International Journal

Volume 330 May 2024

https://www.sciencedirect.com/journal/artificial-intelligence/vol/330/suppl/C [Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation

http://resource-allocation.biomedcentral.com/ (Accessed 04 May 2024)

<u>Impact of including productivity costs in economic analyses of vaccines for C. difficile</u> infections and infant respiratory syncytial virus, in a UK setting

It has been estimated that vaccines can accrue a relatively large part of their value from patient and carer productivity. Yet, productivity value is not commonly or consistently considered in health economic ...

Authors: Margherita Neri, Janne C. Mewes, Fernando Albuquerque de Almeida, Sophia Stoychev, Nadia

Minarovic, Apostolos Charos, Kimberly M. Shea and Lotte M.G. Steuten Citation: Cost Effectiveness and Resource Allocation 2024 22:34

Content type: Research Published on: 30 April 2024

BMC Health Services Research

http://www.biomedcentral.com/bmchealthservres/content (Accessed 04 May 2024) [No new digest content identified]

BMC Infectious Diseases

http://www.biomedcentral.com/bmcinfectdis/content (Accessed 04 May 2024)

Low HBV knowledge is associated with low HBV vaccination uptake in general adult population despite incentivization of HBV vaccination

Hepatitis B virus (HBV) vaccination in Vietnamese adults remains low and unequally distributed. We conducted a study on HBV-naïve adults living in Ho Chi Minh City, Viet Nam, to determine barriers associated w...

Authors: Thanh Van Kim, Trang Ngoc Doan Pham, Brian Do, Diem Vu Bich Dao, Dan Xuan Nguyen, William Lee, Robert Gish, Gary Mize, Amy Trang, Anh Le, Loc Thi Bich Phan, Thi-Thuy-Dung Ngo, Hai

Thanh Phan, Binh Tan Nguyen, Hong Kim Tang and Doan Y Dao

Citation: BMC Infectious Diseases 2024 24:470 Content type: Research Published on: 3 May 2024

<u>Direct impact of COVID-19 vaccination in Chile: averted cases, hospitalizations, ICU admissions, and deaths</u>

Chile rapidly implemented an extensive COVID-19 vaccination campaign, deploying a diversity of vaccines with a strategy that prioritized the elderly and individuals with comorbidities. This study aims to asses...

Authors: Antoine Brault, Andrew Hart, Paula Uribe, Jorge Prado, Jaime San Martín, Alejandro Maass

and Mauricio Canals

Citation: BMC Infectious Diseases 2024 24:467 Content type: Research Published on: 3 May 2024

BMC Medical Ethics

http://www.biomedcentral.com/bmcmedethics/content (Accessed 04 May 2024) [No new digest content identified]

BMC Medicine

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

(Accessed 04 May 2024)

<u>Driving delivery and uptake of catch-up vaccination among adolescent and adult migrants in UK general practice: a mixed methods pilot study</u>

Migrants in the UK and Europe face vulnerability to vaccine-preventable diseases (VPDs) due to missed childhood vaccines and doses and marginalisation from health systems. Ensuring migrants receive catch-up va...

Authors: Alison F. Crawshaw, Lucy P. Goldsmith, Anna Deal, Jessica Carter, Felicity Knights, Farah Seedat, Karen Lau, Sally E. Hayward, Joanna Yong, Desiree Fyle, Nathaniel Aspray, Michiyo Iwami, Yusuf Ciftci, Fatima Wurie, Azeem Majeed, Alice S. Forster...

Citation: BMC Medicine 2024 22:186

Content type: Research article Published on: 3 May 2024

BMC Pregnancy and Childbirth

http://www.biomedcentral.com/bmcpregnancychildbirth/content (Accessed 04 May 2024) [No new digest content identified]

BMC Public Health

http://bmcpublichealth.biomedcentral.com/articles (Accessed 04 May 2024)

<u>Public health and economic benefits of seasonal influenza vaccination in risk groups in France, Italy, Spain and the UK: state of play and perspectives</u>

Seasonal influenza epidemics have a substantial public health and economic burden, which can be alleviated through vaccination. The World Health Organization (WHO) recommends a 75% vaccination coverage rate (V...

Authors: Thierry Rigoine de Fougerolles, Théophile Baïssas, Guillaume Perquier, Olivier Vitoux, Pascal

Crépey, José Bartelt-Hofer, Hélène Bricout and Audrey Petitjean

Citation: BMC Public Health 2024 24:1222

Content type: Research Published on: 3 May 2024

Effect of maternal vaccination on infant morbidity in Bangladesh

Risk factors of infant mortality in Africa and south Asian countries have been broadly discussed. However, infant morbidity is largely underestimated. We analyzed the data from a randomized vaccine trial in Ba...

Authors: Shiqiao Zhao, Jing Zhang, Chenxin Zhang, Mark C. Steinhoff, Yanting Zhang and Bin Zhang

Citation: BMC Public Health 2024 24:1213

Content type: Research Published on: 2 May 2024

Exploring pre-pandemic patterns of vaccine decision-making with the 5C model: results from representative surveys in 2016 and 2018

The 5C psychological antecedents of vaccination (Confidence, Complacency, Constraints, Calculation, and Collective Responsibility) facilitate understanding vaccination decisions in specific target groups as we...

Authors: Sarah Eitze, Lisa Felgendreff, Nina Horstkötter, Linda Seefeld and Cornelia Betsch

Citation: BMC Public Health 2024 24:1205

Content type: Research Published on: 30 April 2024

<u>Understanding facilitators and barriers to COVID-19 vaccination in the Zimbabwean</u> population: a qualitative analysis

Vaccines are effective biological interventions that reduce health burdens. However, during the COVID-19 pandemic, there were concerns about varying levels of COVID-19 vaccination coverage in the Zimbabwean po...

Authors: Nicholas Midzi, Masceline Jenipher Mutsaka-Makuvaza, Lincoln Sunganai Charimari, Priscilla

Mangwiro, Tonderai Manengureni and Gladys Mugadza

Citation: BMC Public Health 2024 24:1174

Content type: Research Published on: 29 April 2024

A new neonatal BCG vaccination pathway in England: a mixed methods evaluation of its implementation

The introduction of a national evaluation of newborn screening for Severe Combined Immunodeficiency (SCID) in England triggered a change to the selective Bacillus Calmette-Guerin (BCG) vaccination programme de...

Authors: Koren Jones, Georgia Chisnall, Tim Crocker-Buque, David Elliman, Jeremy Horwood, Sandra

Mounier-Jack, Colin NJ Campbell, Vanessa Saliba and Tracey Chantler

Citation: BMC Public Health 2024 24:1175

Content type: Research Published on: 26 April 2024

BMC Research Notes

http://www.biomedcentral.com/bmcresnotes/content (Accessed 04 May 2024) [No new digest content identified]

BMJ Evidence-Based Medicine

April 2024 - Volume 29 - 2 https://ebm.bmj.com/content/29/2 [Reviewed earlier]

BMJ Global Health

April 2024 - Volume 9 - Suppl 1 https://gh.bmj.com/content/9/Suppl_1 **Social determinants of health equity** [Reviewed earlier]

Bulletin of the Atomic Scientists

March 2024 https://thebulletin.org/magazine/2024-03/ [Reviewed earlier]

Bulletin of the World Health Organization

Volume 102(5); 2024 May 1 https://www.ncbi.nlm.nih.gov/pmc/issues/461078/ Editorials

Building an economy for health and well-being

Petteri Orpo a and Tedros Adhanom Ghebreyesus b

The coronavirus disease 2019 (COVID-19) pandemic laid bare the vulnerabilities and inequities engrained in economic and social systems in many countries. This pandemic exposed significant inequalities in access to life-saving vaccines and other medical countermeasures because of insufficient and geographically limited production capacity, economic imbalances and export restrictions, among other factors. 1 High-risk populations in lower-income countries – including older people, health workers and people with comorbidities – received vaccines long after lower-risk populations in higher-income countries.

In this context, the World Health Organization (WHO) set up the WHO Council on the Economics of Health for All, comprised of 10 leading economists, public health, finance and development professionals. Supported by the Government of Finland, the council issued its final report2 in May 2023. This landmark report challenged existing perceptions, debunked old myths, and laid out a roadmap for a world where the health and well-being of people and the planet takes precedence. The report reimagines measures of economic development; highlights the need for improving both the quality and quantity of financing for health and well-being, and equity-focused governance for new vaccines and treatments; and stresses building the necessary capacities in government and society to deliver health for all.

This thematic issue of the Bulletin of the World Health Organization is inspired by the council's work. This collection of articles is an important contribution to informing creative, collaborative and courageous actions, to reorient economies to value health as an investment in a better future for all. The council argued, citing World Bank and WHO estimates, that the cost of inaction is higher than the cost of action: it would cost 1.30 United States dollars per person on the planet to build an effective global system of pandemic prevention and response that could avoid repeating the experience of COVID-19, whereas the costs of the pandemic were many times higher, including a contraction of

global gross domestic product (GDP) by 3.1% between 2019 and 2020. We need to see health not as a cost, but a key driver of sustainable growth...

In a world driven by overlapping crises including conflict, climate change and searing inequality, the status quo will not do. We need new models to help us reimagine the future. The work of the council, and of researchers in this issue, helps us to do that and can inform active dialogue between the finance, economic and health sectors.

Systematic Reviews

Financing for pandemic preparedness and response measures: a systematic scoping review

Roberto Duran-Fernandez, Daniel Bernal-Serrano, Jose Alberto Garcia-Huitron, Raymond Hutubessy Bull World Health Organ. 2024 May 1; 102(5): 314–322F. Published online 2024 Feb 22.

doi: 10.2471/BLT.23.290207 PMCID: PMC11046164

Cell

Apr 25, 2024 Volume 187 Issue 9 p2029-2342 https://www.cell.com/cell/current

50th Anniversary
[Reviewed earlier]

Child Care, Health and Development

Volume 50, Issue 3 May 2024 https://onlinelibrary.wiley.com/toc/13652214/current [Reviewed earlier]

Clinical Pharmacology & Therapeutics

Volume 115, Issue 5 Pages: 907-1175 May 2024 https://ascpt.onlinelibrary.wiley.com/toc/15326535/current [Reviewed earlier]

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March 2024 Volume 46 Issue 3 p185-304 http://www.clinicaltherapeutics.com/current [Reviewed earlier]

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Volume 21 Issue 2, April 2024 https://journals.sagepub.com/toc/ctja/21/2 [Reviewed earlier]

Conflict and Health

http://www.conflictandhealth.com/ [Accessed 04 May 2024] [No new digest content identified]

Contemporary Clinical Trials

Volume 138 March 2024 https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/1387/suppl/C [Reviewed earlier]

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Volume 7, Issue 2 / April 2024 https://www.liebertpub.com/toc/crispr/7/2 [Reviewed earlier]

Current Genetic Medicine Reports

Volume 11, issue 1-2, June 2023 https://link.springer.com/journal/40142/volumes-and-issues/11-1 [Reviewed earlier]

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Volume 40, Issue 3 2024 https://www.tandfonline.com/toc/icmo20/current [Reviewed earlier]

Current Opinion in Infectious Diseases

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Current Protocols in Human Genetics

https://currentprotocols.onlinelibrary.wiley.com/journal/19348258 [Accessed 04 May 2024] [No new digest content identified]

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Volume 24, Issue 2 Pages: 49-134 June 2024 https://onlinelibrary.wiley.com/toc/14718847/current [Reviewed earlier]

Development in Practice

Volume 34, Issue 2, 2024 https://www.tandfonline.com/toc/cdip20/34/2 [Reviewed earlier]

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Volume 42, Issue 3 May 2024 https://onlinelibrary.wiley.com/toc/14677679/current [Reviewed earlier]

Disaster Medicine and Public Health Preparedness

Volume 18 - 2024

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[Reviewed earlier]

Disasters

Volume 48, Issue 2 April 2024 https://onlinelibrary.wiley.com/toc/14677717/2024/48/2 [Reviewed earlier]

EMBO Reports

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Volume 46 March 2024 https://www.sciencedirect.com/journal/epidemics/vol/46/suppl/C [Reviewed earlier]

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Volume 152 - 2024

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Indigenous data sovereignty :: Returning clinically relevant results

[Reviewed earlier]

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The European Journal of Public Health

Volume 34, Issue 2, April 2024 https://academic.oup.com/eurpub/issue/34/2 [Reviewed earlier]

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Vol 23 (1) 2023 https://www.tandfonline.com/toc/ierv20/current [Reviewed earlier]

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March/April 2024 Volume 103, Number 2 https://www.foreignaffairs.com/issues/2023/103/2 [Reviewed earlier]

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Volume 26, Issue 4 April 2024 https://www.sciencedirect.com/journal/genetics-in-medicine/vol/26/issue/4 [Reviewed earlier]

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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. 2 April 29, 2024

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

VIEWPOINT

Open Access

The Role of Adults in Poliovirus Transmission to Infants and Children

T. Jacob John, Dhanya Dharmapalan, Robert Steinglass and Norbert Hirschhorn Global Health: Science and Practice April 2024, 12(2):e2300363; https://doi.org/10.9745/GHSP-D-23-00363

We draw attention to a neglected aspect of poliovirus transmission—the likely role of adults in sustaining transmission—which has important policy and practical implications for addressing the perplexing phenomenon of continued virus circulation.

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

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Volume 25, Issue 2, December 2023

https://www.hhrjournal.org/volume-25-issue-2-december-2023/

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[Reviewed earlier]

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Volume 39, Issue 3, April 2024 https://academic.oup.com/heapol/issue/39/3 [Reviewed earlier]

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http://www.health-policy-systems.com/content [Accessed 04 May 2024] [No new digest content identified]

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Vol. 11 No. 3 (2024): March 2024 https://www.ijcmph.com/index.php/

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International Journal of Human Rights in Healthcare

Volume 17 Issue 1 2024 https://www.emerald.com/insight/publication/issn/2056-4902/vol/17/iss/1 Table of contents [Reviewed earlier]

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April 23/30, 2024, Vol 331, No. 16, Pages 1343-1426 https://jamanetwork.com/journals/jama/currentissue [Reviewed earlier]

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April 2024, Vol 178, No. 4, Pages 326-422 https://jamanetwork.com/journals/jamapediatrics/currentissue [Reviewed earlier]

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Volume 49, Issue 2 April 2024 https://link.springer.com/journal/10900/volumes-and-issues/49-2 [Reviewed earlier]

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...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

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Journal of Development Economics

Volume 168 May 2024 https://www.sciencedirect.com/journal/journal-of-development-economics/vol/168/suppl/C [Reviewed earlier]

Journal of Empirical Research on Human Research Ethics

Volume 19 Issue 1-2, February–April 2024 http://journals.sagepub.com/toc/jre/current [New issue; No digest content identified]

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April 2024 - Volume 78 - 4 https://jech.bmj.com/content/78/4 [New issue; No digest content identified]

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Volume 17, Issue 1 Pages: 1-235 March 2024 https://onlinelibrary.wiley.com/toc/17565391/current [Reviewed earlier]

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Volume 19, Issue 3 (2023) http://www.tandfonline.com/toc/rjge20/current [Reviewed earlier]

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Volume 229, Issue 3, 15 March 2024 https://academic.oup.com/jid/issue/229/3 [Reviewed earlier]

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Volume 36, Issue 3 Pages: 3-1943 April 2024 https://onlinelibrary.wiley.com/toc/10991328/current [Reviewed earlier]

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Volume 267 April 2024 https://www.sciencedirect.com/journal/the-journal-of-pediatrics/vol/267/suppl/C [Reviewed earlier]

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Volume 17, Issue 1 (2024) Issue 1 https://www.tandfonline.com/toc/jppp20/17/1 [Reviewed earlier]

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March/April 2024 - Volume 30 - Issue 2 https://onlinelibrary.wiley.com/toc/10991328/current [Reviewed earlier]

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Volume 45, issue 1, March 2024 https://link.springer.com/journal/41271/volumes-and-issues/45-1 [Reviewed earlier]

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May 2024 Volume 21 Issue 214 https://royalsocietypublishing.org/toc/rsif/current [New issue; No digest content identified]

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Volume 98 • Number 4 • April 2024 http://jvi.asm.org/content/current [New issue; No digest content identified]

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May 04, 2024 Volume 403 Number 10438 p1723-1820

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The Lancet Child & Adolescent Health

May 2024 Volume 8 Number 5 p311-384 https://www.thelancet.com/journals/lanchi/issue/current [Reviewed earlier]

Lancet Digital Health

May 2024 Volume 6 Number 5 e299-e373 https://www.thelancet.com/journals/landig/issue/current Health Policy

<u>Data challenges for international health emergencies: lessons learned from ten international COVID-19 driver projects</u>

Sally Boylan, et al.

Summary

The COVID-19 pandemic highlighted the importance of international data sharing and access to improve health outcomes for all. The International COVID-19 Data Alliance (ICODA) programme enabled 12 exemplar or driver projects to use existing health-related data to address major research questions relating to the pandemic, and developed data science approaches that helped each research team to overcome challenges, accelerate the data research cycle, and produce rapid insights and outputs. These approaches also sought to address inequity in data access and use, test approaches to ethical health data use, and make summary datasets and outputs accessible to a wider group of researchers. This Health Policy paper focuses on the challenges and lessons learned from ten of the ICODA driver projects, involving researchers from 19 countries and a range of health-related datasets. The ICODA programme reviewed the time taken for each project to complete stages of the health data research cycle and identified common challenges in areas such as data sharing agreements and data curation. Solutions included provision of standard data sharing templates, additional data curation expertise at an early stage, and a trusted research environment that facilitated data sharing across national boundaries and reduced risk. These approaches enabled the driver projects to rapidly produce research outputs, including publications, shared code, dashboards, and innovative resources, which can all be accessed and used by other research teams to address global health challenges.

Lancet Global Health

May 2024 Volume 12 Number 5 e712-e890 https://www.thelancet.com/journals/langlo/issue/current [Reviewed earlier]

Lancet Infectious Diseases

May 2024 Volume 24 Number 5 p437-556, e268-e343 https://www.thelancet.com/journals/laninf/issue/current Editorial

What is the pandemic potential of avian influenza A(H5N1)?

The Lancet Infectious Diseases

Articles

The public health impact and cost-effectiveness of the R21/Matrix-M malaria vaccine: a mathematical modelling study

Nora Schmit, et al.

<u>Effectiveness of one dose of killed oral cholera vaccine in an endemic community in the Democratic Republic of the Congo: a matched case-control study</u>

Espoir Bwenge Malembaka, et al. Open Access

Invasive pneumococcal disease 3 years after introduction of a reduced 1 + 1 infant 13valent pneumococcal conjugate vaccine immunisation schedule in England: a prospective national observational surveillance study

Marta Bertran, et al.

Personal View

The full value of immunisation against respiratory syncytial virus for infants younger than 1 year: effects beyond prevention of acute respiratory illness

Daniel R Feikin, et al.

<u>Use of inactivated poliovirus vaccine for poliovirus outbreak response</u>

Ananda S Bandyopadhyay, et al.

Lancet Public Health

May 2024 Volume 9 Number 5 e275-e344 https://www.thelancet.com/journals/lanpub/issue/current [New issue; No digest content identified]

Lancet Respiratory Medicine

May 2024 Volume 12 Number 5 p337-418, e31-e35 https://www.thelancet.com/journals/lanres/issue/current [New issue; No digest content identified]

Maternal and Child Health Journal

Volume 28, Issue 5 May 2024 https://link.springer.com/journal/10995/volumes-and-issues/28-5 [Reviewed earlier]

Medical Decision Making (MDM)

Volume 44 Issue 3, April 2024 http://mdm.sagepub.com/content/current [Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy Volume 102, Issue 1 Pages: 1-269 March 2024

https://onlinelibrary.wiley.com/toc/14680009/current [Reviewed earlier]

Molecular Therapy

Apr 03, 2024 Volume 32 Issue 4 p857-1178 https://www.cell.com/molecular-therapy/current [Reviewed earlier]

Nature

Volume 629 Issue 8010, 2 May 2024 https://www.nature.com/nature/volumes/627/issues/8010 [New issue; No digest content identified]

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Volume 42 Issue 4, April 2024 https://www.nature.com/nbt/volumes/42/issues/4 [Reviewed earlier]

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Volume 56 Issue 4, April 2024 https://www.nature.com/ng/volumes/56/issues/4 [Reviewed earlier]

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Volume 8 Issue 4, April 2024 https://www.nature.com/nathumbehav/volumes/8/issues/4 [Reviewed earlier]

Nature Medicine

Volume 30 Issue 4, April 2024 https://www.nature.com/nm/volumes/30/issues/4 [Reviewed earlier]

Nature Reviews Drug Discovery

Volume 23 Issue 4, April 2024 https://www.nature.com/nrd/volumes/23/issues/4 [Reviewed earlier]

Nature Reviews Genetics

Volume 25 Issue 4, April 2024 https://www.nature.com/nrg/volumes/25/issues/4 [Reviewed earlier]

Nature Reviews Immunology

Volume 24 Issue 4, April 2024 https://www.nature.com/nri/volumes/24/issues/4 [Reviewed earlier]

New England Journal of Medicine

Volume 390 No. 17 May 2, 2024 https://www.nejm.org/toc/nejm/medical-journal Original Articles

Subcutaneous Administration of a Monoclonal Antibody to Prevent Malaria

K. Kayentao and Others

Editorials

The Quest for Transformative Tools to Eradicate Malaria

T. Mundel

NEJM Evidence

Volume 3 No. 4 April 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]

njp Vaccines

https://www.nature.com/npjvaccines/ [Accessed 04 May 2024] Meeting Report

Realising the potential of correlates of protection for vaccine development, licensure and use: short summary

On 27–29th of September 2022, Wellcome convened an international multi-stakeholder workshop to discuss the use of Correlates of Protection (CoP) to accelerate vaccine development, the hybrid format meeting was attended by 80 delegates including developers, manufacturers, regulators, public health officials and policy-makers from 17 countries, including 7 LMIC's.

Deborah F. King, Helen Groves, David C. Kaslow

Pediatrics

Volume 153, Issue 5 May 2024 https://publications.aap.org/pediatrics/issue/153/5

Articles

RSV Vaccination Intention Among People Who Are or Plan to Become Pregnant

Jennifer K. Saper, MD, MS; Marie Heffernan, PhD; Norma-Jean E. Simon, MPH, MPA; Matthew M. Davis, MD, MAPP; Michelle L. Macy, MD, MS

Review Articles

<u>Policy Approaches for Increasing Adolescent HPV Vaccination Coverage: A Systematic</u> Review

Mary Catharine McKeithen, MPH; Melissa B. Gilkey, PhD, MPH; Wei Yi Kong, PhD, MA; N. Loren Oh, PhD; Jennifer Heisler-MacKinnon, MPH ...

PharmacoEconomics

Volume 42, Issue 4 April 2024 https://link.springer.com/journal/40273/volumes-and-issues/42-4 [Reviewed earlier]

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https://journals.plos.org/plosgenetics/ (Accessed 04 May 2024) [No new digest content identified]

PLoS Global Public Health

https://journals.plos.org/globalpublichealth/search?sortOrder=DATE_NEWEST_FIRST&filterStartDate=2 021-10-01&filterJournals=PLOSGlobalPublicHealth&q=&resultsPerPage=60 (Accessed 04 May 2024)

<u>COVID-19 vaccination uptake among healthcare workers in Ghana: A comprehensive analysis of knowledge, attitude, perceived vaccine effectiveness, and health belief model constructs</u>

Whiteson Mbele, Phyllis Dako-Gyeke, Andreas Ndapewa Frans Research Article | published 02 May 2024 PLOS Global Public Health https://doi.org/10.1371/journal.pgph.0002738

PLoS Medicine

http://www.plosmedicine.org/ (Accessed 04 May 2024) [No new digest content identified]

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http://www.plosntds.org/

(Accessed 04 May 2024)
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PLoS One

http://www.plosone.org/ [Accessed 04 May 2024]

<u>Informed consent and trial prioritization for clinical studies during the COVID-19 pandemic. Stakeholder experiences and viewpoints</u>

Stefanie Weigold, Susanne Gabriele Schorr, Alice Faust, Lena Woydack, Daniel Strech Research Article | published 30 Apr 2024 PLOS ONE https://doi.org/10.1371/journal.pone.0302755

The continuance intention to vaccinate against COVID-19: An empirical study from Malaysia

Li-Ann Hwang, Santha Vaithilingam, Jason Wei Jian Ng, Mahendhiran Nair, Pervaiz Ahmed, Kamarul Imran Musa

Research Article | published 30 Apr 2024 PLOS ONE https://doi.org/10.1371/journal.pone.0301383

<u>Disparities in COVID-19 vaccine uptake among rural hard-to-reach population and urban high-risk groups of Bangladesh</u>

Zerin Jannat, Hemel Das, Md. Wazed Ali, Tasnuva Wahed, Md. Nurul Alam, Md. Jasim Uddin Research Article | published 29 Apr 2024 PLOS ONE https://doi.org/10.1371/journal.pone.0302056

PLoS Pathogens

http://journals.plos.org/plospathoge ns/ [Accessed 04 May 2024] [No new digest content identified]

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

April 30, 2024 vol. 121 no. 18 https://www.pnas.org/toc/pnas/121/18 Perspective April 19, 2024

AI model disgorgement: Methods and choices

Alessandro Achille, Michael Kearns, [...] Stefano Soatto Abstract

Over the past few years, machine learning models have significantly increased in size and complexity, especially in the area of generative AI such as large language models. These models require massive amounts of data and compute capacity to train, to the extent that concerns over the training data (such as protected or private content) cannot be practically addressed by retraining the model "from scratch" with the questionable data removed or altered. Furthermore, despite significant efforts and controls dedicated to ensuring that training corpora are properly curated and composed, the sheer volume required makes it infeasible to manually inspect each datum comprising a training corpus. One potential approach to training corpus data defects is model disgorgement, by which we broadly mean the elimination or reduction of not only any improperly used data, but also the effects of improperly used data on any component of an ML model. Model disgorgement techniques can be used to address

a wide range of issues, such as reducing bias or toxicity, increasing fidelity, and ensuring responsible use of intellectual property. In this paper, we survey the landscape of model disgorgement methods and introduce a taxonomy of disgorgement techniques that are applicable to modern ML systems. In particular, we investigate the various meanings of "removing the effects" of data on the trained model in a way that does not require retraining from scratch.

PNAS Nexus

Volume 3, Issue 4, April 2024

https://academic.oup.com/pnasnexus/issue/3/3

Psychological and Cognitive Sciences

Thinking about default enrollment lowers vaccination intentions and public support in G7 countries

Sanchayan Banerjee and others

PNAS Nexus, Volume 3, Issue 4, April 2024, pgae093, https://doi.org/10.1093/pnasnexus/pgae093 Abstract

Policymakers often face a conundrum between being transparent about policies and ensuring that those policies are effective. This challenge is particularly relevant for behavioral nudges, which are not usually disclosed. Rather than avoiding transparency, we suggest that policymakers encourage citizens to reflect on nudges to help them understand their own views and align those views with their behaviors. Using data from an online survey experiment with 24,303 respondents in G7 countries, we examine the impact of reflection on a hypothetical default nudge policy for COVID-19 booster appointments. Contrary to expectations, participants say they would be less likely to get the booster when automatically enrolled compared with a control condition. Similarly, encouraging citizens to think about the status quo (baseline) policy also reduces intentions for boosters. These interventions have no effect on approval of the policy. Further, encouraging people to think about automatic enrollment decreases approval of the policy and further decreases their intentions to get vaccinated. These findings suggest that reflection on a nudge can increase backlash from a nudge and also elicit policy disapproval, thereby aligning policy support with behavioral intentions.

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 181 April 2024 https://www.sciencedirect.com/journal/preventive-medicine/vol/181/suppl/C [Reviewed earlier]

Proceedings of the Royal Society B

30 April 2024 Volume 291 Issue 2021 https://royalsocietypublishing.org/toc/rspb/current [Reviewed earlier]

Public Health

Volume 229 Pages 1-200 (April 2024) https://www.sciencedirect.com/journal/public-health/vol/229/suppl/C [Reviewed earlier]

Public Health Ethics

Volume 16, Issue 3, November 2023 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 2, March/April 2024 https://journals.sagepub.com/toc/phrg/139/2 [Reviewed earlier]

Qualitative Health Research

Volume 34 Issue 5, April 2024 https://journals.sagepub.com/toc/QHR/current [Reviewed earlier]

Research Ethics

Volume 20 Issue 2, April 2024 http://journals.sagepub.com/toc/reab/current

**Special collection: Research Integrity and Research Misconduct

[Reviewed earlier]

Reproductive Health

http://www.reproductive-health-journal.com/content [Accessed 04 May 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 1 May 2024

Space-time heterogeneity of measles, mumps, and rubella vaccination indicators in children from Brazil

Original research | Portuguese |

Brazilian Ministry of Health strategy to increase vaccination coverage at borders

Original research | Portuguese |

Risk Analysis

Volume 44, Issue 5 Pages: 1007-1267 May 2024 https://onlinelibrary.wiley.com/toc/15396924/current

[New issue; No digest content identified]

Risk Management and Healthcare Policy

https://www.dovepress.com/risk-management-and-healthcare-policy-archive56 [Accessed 04 May 2024] [Reviewed earlier]

Science

Volume 384| Issue 6695| 3 May 2024 https://www.science.org/toc/science/current [New issue; No digest content identified]

Science and Engineering Ethics

Volume 30, Issue 2 April 2024 https://link.springer.com/journal/11948/volumes-and-issues/30-2 [Reviewed earlier]

Science Translational Medicine

Volume 16| Issue 745| 1 May 2024 https://www.science.org/toc/stm/current Viewpoints

Vaccination for healthy aging

BY David E. Bloom, Simone Pecetta, Francesco Berlanda Scorza, Andrea Carfi, Bruce Carleton, Mariateresa Cipriano [...] Rino Rappuoli 01 May 2024

As the world's population grows older, vaccination is becoming a key strategy for promoting healthy aging. Despite scientific progress in adult vaccine development, obstacles such as immunosenescence and vaccine hesitancy remain. To unlock the potential...

Scientific Reports

https://www.nature.com/srep/articles?type=article [Accessed 04 May 2024] [No new digest content identified]

Social Science & Medicine

Volume 346 April 2024

https://www.sciencedirect.com/journal/social-science-and-medicine/vol/346/suppl/C [Reviewed earlier]

Systematic Reviews

https://systematicreviewsjournal.biomedcentral.com/articles [Accessed 04 May 2024] [No new digest content identified]

Theoretical Medicine and Bioethics

Volume 45, Issue 2 April 2024 https://link.springer.com/journal/11017/volumes-and-issues/45-2 [Reviewed earlier]

Travel Medicine and Infectious Diseases

Volume 58 March–April 2024

https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/58/suppl/C [Reviewed earlier]

Tropical Medicine & International Health

Volume 29, Issue 4 Pages: i-iv, 257-342 April 2024 https://onlinelibrary.wiley.com/toc/13653156/current [Reviewed earlier]

Vaccine

Volume 42, Issue 12 Pages 2933-3144 (30 April 2024) https://www.sciencedirect.com/journal/vaccine/vol/42/issue/12 Selected Content Research article Open access

<u>Perceptions, attitudes, and willingness of healthcare and frontline workers to participate in an Ebola vaccine trial in Uganda</u>

Geofrey Kimbugwe, Renaud Vatrinet, Juliet A. Mwanga, Ronald Kakuru, ... Agnes Ssali Pages 3002-3008

Research article Open access

<u>Early use of oral cholera vaccines as a prime control measure during outbreaks: Necessary</u> but not sufficient

Hassan E. El Bushra, Ahmed A.A. Haroun, Mohammad Dauod Altaf, Humayoon Gardiwal, ... Mohamed A. Alkhidir

Pages 3033-3038

Discussion

Cholera outbreaks, especially in the setting of a complex humanitarian crises, can spread rapidly, resulting in many deaths, and quickly become a public health crisis. Implementation of a community-wide vaccination campaign using OCV as early as possible during the outbreak while implementing other control measures to target hotspots and at-risk populations would expedite halting outbreaks of cholera and save lives.

Research article Open access

Vaccine coverage among children born to immigrant parents in Norway, 2000–2020

Rebecca Nybru Gleditsch, Trine Skogset Ofitserova, Richard Aubrey White, Marte Karoline Råberg Kjøllesdal, ... Brita Askeland Winje

Pages 3049-3056

Vaccines

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

[Accessed 04 May 2024] Open Access Article

Sociodemographic Trends and Correlation between Parental Hesitancy towards Pediatric COVID-19 Vaccines and Routine Childhood Immunizations in the United States: 2021–2022 National Immunization Survey—Child COVID Module

by Olufunto A. Olusanya, Nina B. Masters, Fan Zhang, David E. Sugerman, Rosalind J. Carter, Debora Weiss and James A. Singleton

Multiple factors may influence parental vaccine hesitancy towards pediatric COVID-19 vaccines and routine childhood immunizations (RCIs). Using the United States National Immunization Survey—Child COVID Module data collected from parents/guardians of children aged 5–11 years, this cross-sectional study (1) identified the trends and prevalence...

Open Access Article

<u>Human Papillomavirus Vaccination Acceleration and Introduction in Sub-Saharan Africa: A Multi-Country Cohort Analysis</u>

by Gbadebo Collins Adeyanju, Tene-Alima Essoh, Annick Raissa Sidibe, Furaha Kyesi and Muyi Aina Vaccines 2024, 12(5), 489; https://doi.org/10.3390/vaccines12050489 - 01 May 2024 Abstract

Background: Cervical cancer, caused by human papillomavirus (HPV) infection, is the second-largest cancer killer of women in low- and middle-income countries. The brunt of the global burden is borne predominantly in Sub-Saharan Africa. In 2020 alone, 70,000 of the 100,000 infected women in [...

Value in Health

May 2024 Volume 27 Issue 5 p543-686 https://www.valueinhealthjournal.com/current HEALTH POLICY ANALYSIS

<u>Public Acceptance of Measures to Control Infectious Diseases Under Different Scenarios of Severity and Transmissibility</u>

David Epstein, et al.

Published online: February 22, 2024 p562-569

World Development

Volume 176 April 2024 https://www.sciencedirect.com/journal/world-development/vol/176/suppl/C [Reviewed earlier]

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- :: Milestones, Perspectives
- :: WHO
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- :: <u>Journal Watch</u>
- :: Pre-Print Servers

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Pre-Print Servers

Gates Open Research

https://gatesopenresearch.org/browse/articles [Accessed 04 May 2024] Selected Research No new digest content identified.

medRxiv

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

[Accessed 04 May 2024] [Filter: All articles]

A multi-centre cross-sectional study on hepatitis B vaccination coverage and associated factors among personnel working in health facilities in Kumasi, Ghana

Daniel Kobina Okwan, Godfred Yawson Scott, Pius Takyi, Clinton Owusu Boateng, Philemon Boasiako Antwi, Akwasi Amponsah Abrampah, Michael Agyemang Obeng medRxiv 2024.04.30.24306647; doi: https://doi.org/10.1101/2024.04.30.24306647

<u>Pediatric Norovirus Vaccination: Modeling the Influence of Schedule on Population Health</u>

Elizabeth Sajewski, Alicia NM Kraay, Juan S Leon, Katia Koelle, Andreas Handel, Ben A Lopman medRxiv 2024.04.26.24305745; doi: https://doi.org/10.1101/2024.04.26.24305745

The cost of sponsored research at institutions of higher learning in low- and middle-income countries: a cross-sectional study

Ahaz Kulanga, Gibson E. Kapanda, John A. Bartlett, Charles Muiruri, Stef de Jong medRxiv 2024.05.02.24306751; doi: https://doi.org/10.1101/2024.05.02.24306751

Ethics practices associated with reusing health data: An assessment of patient registries

Olmo R. van den Akker, Susanne Stark, Daniel Strech

medRxiv 2024.04.26.24306459; doi: https://doi.org/10.1101/2024.04.26.24306459

<u>Guiding principles for accelerating change through health inequities research and practice:</u> <u>A modified Delphi consensus process</u>

F. Ahmed, C. Woodhead, A. Hossaini, N. Stanley, L. Ensum, R. Rhead, J. Onwumere, G. Mir, J. Dyer, HSE Collective, S.L. Hatch

medRxiv 2024.04.26.24306421; doi: https://doi.org/10.1101/2024.04.26.24306421

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 04 May 2024]
Selected Research
No new digest content identified.

Think Tanks

Brookings [to 04 May 2024] http://www.brookings.edu/ Research No new digest content identified.

Center for Global Development [to 04 May 2024]

https://www.cgd ev.org/ All Research [Selected] No new digest content identified.

Chatham House [to 04 May 2024]

https://www.chathamhouse.org/ Selected Analysis, Comment, Events No new digest content identified.

Council on Foreign Relations [to 04 May 2024]

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

CSIS [to 04 May 2024]
https://www.csis.org/
Reports [Selected]
No new digest content identified.

Kaiser Family Foundation [to 04 May 2024] https://www.kff.org/search/?post_type=press-release Newsroom No new digest content identified.

McKinsey Global Institute [to 04 May 2024]

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

ODI [Overseas Development Institute] [to 04 May 2024]

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

Publications [Selected]

Humanitarian action on climate and conflict: narratives, challenges and opportunities

29 April 2024 Research report

Pew Research Center [to 04 May 2024]

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

Rand [to 04 May 2024] https://www.rand.org/pubs.html Published Research [Selected] No new digest content identified.

Urban Institute [to 04 May 2024] https://www.urban.org/publications **New Research Publications - Selected**

Review

<u>Centering Native Perspectives and Wisdom: Reframing Non-Indigenous Research on American Indian Health</u>

Laudan Y. Aron, Lizzy Ferrara

April 30, 2024

PDF: https://www.urban.org/sites/default/files/2024-

04/Centering Native Perspectives and Wisdom.pdf

As the disparities in health and life expectancy between American Indian and Alaska Native peoples and other US populations continue to widen, it is critical for researchers and policymakers to examine the biases and limitations inherent in our Western data practices and health approaches, which often overlook and harm Native communities.

This review, tailored for non-Native researchers and policymakers, serves as a foundational resource for initiating this process of reflection and learning. It achieves this by providing historical context and examining ongoing policies that have marginalized Native communities. Furthermore, it amplifies the wisdom of Native scholars, centering both intergenerational and modern perspectives on health, well-being, and scientific methodologies.

Through this approach, we aim to cultivate a deeper understanding of the root causes behind these stark health disparities. By showcasing Native models of health and evaluation, we seek to empower communities and promote more inclusive and effective data-driven decisionmaking in research and policy.

World Economic Forum [to 04 May 2024]

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

Media [Selected]

<u>Special Meeting 2024 – Revitalizing Growth, Development and Collaboration Amid Global</u> Fractures

News 29 Apr 2024

- :: At a moment of geopolitical fragmentation, the World Economic Forum Special Meeting 2024 charts a path to renewed dialogue, collective action and a more sustainable future.1,000 global leaders from 90 countries, including 220 from government and the public sector, gathered to address pressing global challenges and bridge the North-South divide.
- :: Thought leadership and initiatives cut across the three themes in the programme: inclusive growth; global collaboration; and energy for development.
- :: For more information on the Special Meeting 2024, visit www.weforum.org; share on social media using the hashtag #SpecialMeeting24.

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Public Consultations/Call for Inputs/Call for Papers

No new digest content identified.

Vaccines and Global Health: The Week in Review is a service of the Center for Vaccine Ethics and Policy (<u>CVEP</u>) / 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.

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