Vaccines and Global Health: The Week in Review
23 September 2023 :: Issue 719
Center for Vaccine Ethics & Policy (CVEP)

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

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

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Editor’s Note:
The 78th Session of the UN General Assembly [and a number of side events] continue and we will provide a more considered summary of global health-related actions and announcement in next week’s edition. Below, we present three “political declarations” which emerged during the week – on the evolving draft of a pandemic accord, on TB, and on achieving UHC targets by 2030. We also direct readers to a comment on these political declarations in *The Lancet* [see the Journal Watch section below].

WHO welcomes historic commitment by world leaders for greater collaboration, governance and investment to prevent, prepare for and respond to future pandemics
20 September 2023   News release
The World Health Organization welcomed today’s historic commitment shown by global leaders, at the United Nations General Assembly, to strengthen the international cooperation, coordination, governance and investment needed to prevent a repeat of the devastating health and socioeconomic impact caused by COVID-19, make the world better prepared for future pandemic, and get back on track to achieving the Sustainable Development Goals.

“The first-ever head of state summit on pandemic prevention, preparedness and response is a historic milestone in the urgent drive to make all people of the world safer, and better protected from the devastating impacts of pandemics,” said Dr Tedros Adhanom Ghebreyesus, WHO Director-General. “I welcome this commitment by world leaders to provide the political support and direction needed so that WHO, governments and all involved can protect people’s health and take concrete steps towards investing in local capacities, ensuring equity and supporting the global emergency health architecture that the world needs.”

The political declaration, approved by Mr Dennis Francis, President of the 78th United Nations General Assembly, and the result of negotiations under the able leadership of Ambassadors Gilad Erdan of Israel and Omar Hilale of Morocco, underscored the pivotal role played by WHO as the “directing and coordinating authority on international health,” and the need to “commit further to sustainable financing that provides adequate and predictable funding to the World Health Organization, which enables it to have the resources needed to fulfil its core functions.”...

...the political declaration recognized the need for Member States to:
- Conclude negotiations on a WHO convention, agreement or other international instrument on pandemic prevention, preparedness and response, otherwise known as the Pandemic Accord, and continue their work to make targeted amendments to the International Health Regulations (2005) by May 2024;

- In line with the Pandemic Accord process, ensure the sustainable, affordable, fair, equitable, effective, efficient and timely access to medical countermeasures, including vaccines, diagnostics, therapeutics and other health products;

- Take measures to counter and address the negative impacts of health-related misinformation, disinformation, hate speech and stigmatization, especially on social media platforms, on people’s physical and mental health, including countering vaccine hesitancy in the
context of pandemic prevention, preparedness and response and to foster trust in public health systems and authorities, including by increasing public health education, literacy and awareness, while recognizing that the effective engagement of stakeholders requires access to timely, accurate and evidence-based information and awareness raising including through the use of digital health tools;

- **Protect our communities through investing in primary health care** and other health system measures, as part of a commitment to universal health coverage, so to ensure robust national health systems are in place to respond to future pandemics;

- **Invest in ensuring WHO is strengthened** to the level needed to play its role in responding to pandemic threats. Sustainable financing of WHO, and national health systems, is essential for making the world safer;

- **Strengthen health workforce and rapid response capacities**, surveillance and supply systems, and local manufacturing abilities, to enable and empower all countries to have the ability to meet their own needs to prevent, prepare for and respond to pandemics.

- **Scale up health system capacities to address pandemic threats** in low- and lower-middle income countries, especially across Africa;

- **Leverage the potential of the multilateral** system and scale up the multisectoral approach needed to improve pandemic prevention, preparedness and response, due to the multifaceted causes and consequences of pandemics, which support attainment of the Sustainable Development Goals.

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**World leaders commit to new targets to end TB**
22 September 2023  *WHO News release*

World leaders at the United Nations General Assembly’s High-Level Meeting on Tuberculosis have approved a Political Declaration with ambitious new targets for the next five years to advance the global efforts towards ending the TB epidemic.

The targets include:
:: reaching 90% of people with TB prevention and care services, using a WHO-recommended rapid test as the first method of diagnosing TB;
:: providing social benefit packages to all people with TB;
:: licensing at least one new TB vaccine; and
:: closing funding gaps for TB implementation and research by 2027…

Taking stock of progress towards targets set in 2018 for a five-year period, WHO reported that while global efforts to combat TB have saved over 75 million lives since the year 2000, they fell short of reaching the targets, mainly due to severe disruptions to TB services caused by the COVID-19 pandemic and ongoing conflicts.

Only 34 million people of the intended 40 million people with TB were reached with treatment between 2018 and 2022. For TB preventive treatment, the situation was even more grim, with only 15.5 million of the 30 million people targeted to be reached with preventive treatment accessing it.
Funding for TB services in low- and middle-income countries fell from US$ 6.4 billion in 2018 to US$ 5.8 billion in 2022, representing a **50% financing gap in implementing the required TB programmes**. Annual funding for TB research ranged from US$ 0.9 billion to US$ 1.0 billion between 2018 and 2022, which is just half of the target set in 2018.

...Today, TB remains one of the world’s top infectious killers: annually more than 10 million people fall sick, and over 1 million lose their lives to this preventable and curable disease. Drug-resistant TB continues to be a major contributor to antimicrobial resistance with close to half a million people developing drug-resistant TB every year...

In the lead-up to this historic meeting, WHO Director-General, Dr Tedros Adhanom Ghebreyesus, officially launched the **TB vaccine accelerator council** to facilitate the development, licensing and use of new TB vaccines. The Council, supported by the WHO secretariat, will be led by a ministerial board, consisting of nine members who will serve on a rotating basis, for a term of two years. The Council will also have subsidiary bodies to support its interaction and engagement with different sectors and stakeholders broadly, including the private sector, scientists, philanthropy, and civil society.

BCG is currently the only licensed TB vaccine. While it provides moderate efficacy in preventing severe forms of TB in infants and young children, it does not adequately protect adolescents and adults, who account for the majority (>90%) of TB transmission globally...

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**World leaders commit to redouble efforts towards universal health coverage by 2030**

21 September 2023  *WHO News release*

Today, at the United Nations (UN) General Assembly High-Level Meeting, world leaders have approved a new *Political Declaration* on "Universal Health Coverage (UHC): expanding our ambition for health and well-being in a post-COVID world”.

The declaration is hailed as a vital catalyst for the international community to take big and bold actions and mobilize the necessary political commitments and financial investments to attain the UHC target of the Sustainable Development Goals (SDGs) by 2030.

The UHC target measures the ability of countries to ensure that everyone receives the health care they need, when and where they need it, without facing financial hardship. It covers the full continuum of key services from health promotion to prevention, protection, treatment, rehabilitation and palliative care. Alarmingly, global progress towards UHC has been largely stagnating since 2015, before stalling in 2019.

The urgency of the declaration is evident in the staggering statistics. **At least 4.5 billion people—more than half of the world’s population—were not fully covered by essential health services in 2021. Two billion people experienced financial hardship, with over 1.3 billion being pushed or further pushed into poverty.**

In the Political Declaration, Heads of State and **world leaders committed to take key national actions, make essential investments, strengthen international cooperation and global solidarity at the highest political level** to accelerate progress towards UHC by 2030, using a primary health care (PHC) approach...
It is estimated that an additional US$ 200–328 billion investment per year is needed to scale-up a PHC approach in low- and middle-income countries (e.g. up to approximately 3.3% of national gross domestic product). This could help health systems deliver up to 90% of essential health services, save at least 60 million lives and increase average life expectancy by 3.7 years by 2030...

African vaccine manufacturing capacity is a mixed picture: Form/fill/finish capacity is strong while end-to-end local vaccine production will require additional investment

New analysis illuminates strengths, gaps, opportunities, and recommendations for building a sustainable vaccine manufacturing ecosystem.

- If all plans to expand vaccine manufacturing in Africa are realized, capacity to form/fill/finish vaccines would more than double the projected African vaccine demand in 2030—a level of capacity that risks the sustainability and commercial viability of all manufacturing projects.

- Capacity to produce antigens locally is well below what would be needed to meet regional production targets—even when expansion plans are considered.

- Africa is highly reliant on technology transfers with non-African vaccine manufacturers to access the bulk supply of a given antigen and produce the final drug product. Yet, the majority of current and planned manufacturing capacity does not have technology transfers in place.

- Some African vaccine manufacturers already have access to financing but need to further develop their commercial capabilities.

Addis Ababa, Ethiopia; Boston, MA, USA; Seattle, WA, USA – The Africa Centres for Disease Control and Prevention (Africa CDC), the Clinton Health Access Initiative (CHAI), and PATH have released a new briefing paper, “Current and planned vaccine manufacturing in Africa,” following an assessment of vaccine manufacturing capacity in Africa.

African vaccine manufacturing is set to expand dramatically as the continent works to safeguard itself against future pandemics and disease outbreaks—and to ensure delays like the ones African nations faced in receiving COVID-19 vaccines never happen again. A clear picture of gaps and needs in the current vaccine manufacturing ecosystem is necessary to ensure all stakeholders are aligned moving forward and new projects and investments can succeed.

The assessment looked across the two critical steps needed in the vaccine manufacturing process: producing the active vaccine component, or antigen, which is the most cost-intensive and technically challenging step; and producing the final vaccine, which includes formulation, fill, and finish (form/fill/finish)...

“Partnerships for African Vaccine Manufacturing (PAVM) was formed to strengthen the African vaccine manufacturing ecosystem and set Africa on the path to locally manufacture 60 percent of the continent’s routine immunization needs by 2040,” said Akhona Tshangela, PAVM Coordinator for the Africa CDC. “This work to map vaccine manufacturing capacity provides PAVM additional and essential clarity on how to coordinate action toward meeting that goal.”...

The Africa CDC, CHAI, and PATH are now working to act on the findings of the assessment. The Africa CDC is working with African Union Member States to support the procurement of African-
made vaccines and prioritize activities that will help local vaccine manufacturers meet the PAVM 2040 goal. CHAI is working with key stakeholders to develop an integrated set of high-impact market-shaping interventions and support in their execution. And PATH is working with partners to develop a supply chain simulation that could help estimate the manufacturing site conditions—including types and size of future factories, workforce numbers, and types of expertise—needed to achieve the planned capacity...

CDC announces $262M funding to support National Network for Outbreak Response and Disease Modeling
September 22, 2023
On September 19, 2022, CDC announced the recipients of 13 funding awards to establish a first-of-its-kind national network, the Outbreak Analytics and Disease Modeling Network (OADMN).

The awards, totaling $262.5 million in funding over a five-year period, will support state and local decision-makers in developing and implementing new tools to detect, respond to, and mitigate public health emergencies more effectively. The program will support building and scaling needed capabilities best suited for their respective jurisdictions, based on the best available information.

Reflecting representation from state health departments, tribal organizations, academic and private sector partners, the funding 13 recipients comprising OADMN include:

- Emory University
- Northeastern University
- The University of North Carolina at Chapel Hill
- Kaiser Permanente Southern California (KPSC)
- Carnegie Mellon University
- University of Michigan School of Public Health
- University of California, San Diego
- University of Minnesota
- Clemson University
- University of Utah
- International Responder Systems
- The University of Texas at Austin
- The Johns Hopkins University

Combined, the grantees will work as a network to perform a landscape analysis—identifying gaps, needs and opportunities for outbreak analytics and disease modeling in the United States public health system; pilot and implement analytic technologies and applications for public health; and prepare for and respond to infectious disease threats.

The network will include innovators from public, private, and academic sectors to design, prototype, test, and scale up advances in data modeling tools and tech that can be used to support decision makers...

The grantees will be organized into three categories of performance, supporting three priority program actions:

- **Innovators**: these grantees will develop methods, tools, technologies, and other products to support emergency response.
- **Integrators**: these grantees will take lessons learned and techniques from Innovators and test them in small-scale deployments.
- **Implementors**: these grantees will take tested best practices and scale up to larger jurisdictions and partners...

::: Polio – PHEIC :::

**Polio this week as of 20 Sep 2023 - GPEI**

*Headlines [Selected]*
:: The World Health Organization (WHO) is seeking experts to serve as members of the Global Commission for the Certification of the Eradication of Poliomyelitis – Containment Working Group (GCC – CWG). This "Call for experts" provides information about the GCC – CWG, the expert profiles being sought, the process to express interest, and the process of selection. If you have any questions, please e-mail containment@who.int.

Summary of new polioviruses this week, cases and positive environmental isolates:
- DR Congo: six cVDPV1 cases, three cVDPV2 cases and four positive environmental samples
- Guinea: four cVDPV2 cases
- Kenya: one cVDPV2 positive environmental sample
- Nigeria: five cVDPV2 cases and six cVDPV2 positive environmental samples
- Somalia: one cVDPV2 case

::: Coronavirus [COVID-19] :::

https://www.who.int/emergencies/diseases/novel-coronavirus-2019

*WHO Weekly Epidemiological and Operational updates*

Last update: 21 September 2023

**Confirmed cases**: 770,778,396

**Confirmed deaths**: 6,958,499

**Vaccine doses administered**: 13,504,973,753

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*Our World in Data*

**Coronavirus (COVID-19) Vaccinations** [Accessed 23 Sep 2023]
- 70.5% of the world population has received at least one dose of a COVID-19 vaccine.
- 13.5 billion doses have been administered globally, and 26,502 are now administered each day.
- 32.6% of people in low-income countries have received at least one dose.

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**MPOX**

https://www.who.int/emergencies/situation-reports

*Multi-country outbreak of mpox, External situation report#28 – 19 September 2023*
Overview
This is the 28th situation report for the multi-country outbreak of mpox, which provides details on the latest epidemiology, a special focus on long-term risk assessment conducted by WHO to assess the global risk of mpox, and an animal surveillance study among susceptible wildlife in Nigeria. The report includes a summary of Standing Recommendations for mpox issued by the Director-General of the World Health Organization (WHO) in accordance with the International Health Regulations (2005) (IHR).

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WHO & Regional Offices [to 23 Sep 2023]
https://www.who.int/news
Selected News/Announcements/Statements
22 September 2023   News release
World leaders commit to new targets to end TB

22 September 2023   News release
New analysis confirms world seeing an upsurge of cholera

Comprehensive cholera statistics for 2022, published by WHO today, shed light on the scale and extent of the ongoing cholera upsurge.

While data for cholera remain inadequate, cases reported to WHO in 2022 were more than double those in 2021. Forty-four countries reported cases, a 25% increase from the 35 countries that reported cases in 2021.

Not only were there more outbreaks, but the outbreaks were larger. Seven countries – Afghanistan, Cameroon, Democratic Republic of the Congo, Malawi, Nigeria, Somalia, Syrian Arab Republic– have each reported over 10 000 suspected and confirmed cases. The larger the outbreak, the harder it typically is to control...

The increased demand for cholera materials has been a challenge for disease control efforts globally. Since October 2022, the International Coordinating Group (ICG)—the body which manages emergency supplies of vaccines—has suspended the standard two-dose vaccination regimen in cholera outbreak response campaigns, using instead a single-dose approach...

22 September 2023   Departmental news
WHO releases step by step guide to help countries develop their national genomic surveillance strategy for pathogens with pandemic and epidemic potential

...To support countries in articulating their genomic surveillance strategy, WHO recently published “Considerations for developing a national genomic surveillance strategy or action plan for pathogens with pandemic and epidemic potential”. This step-by-step guide outlines key considerations and an approach for developing a national strategy. It is intended for use by all stakeholders at the national and subnational levels relevant to the development and implementation of the strategy, including health authorities, One Health partners, donors, public health officers, academia, the private sector and laboratory specialists...
21 September 2023   News release
World leaders commit to redouble efforts towards universal health coverage by 2030

20 September 2023   News release
WHO welcomes historic commitment by world leaders for greater collaboration, governance and investment to prevent, prepare for and respond to future pandemics

19 September 2023   News release
First WHO report details devastating impact of hypertension and ways to stop it

19 September 2023   Joint News Release
UNHCR, WHO warn of deteriorating health conditions as 1200 children die of suspected measles, malnutrition in Sudan

   UNHCR, the UN Refugee Agency, and the World Health Organization (WHO) are again sounding the alarm on the worsening health situation caused by the Sudan crisis.
   According to UNHCR teams in Sudan’s White Nile state, more than 1200 refugee children under 5 have died in 9 camps in the period between 15 May and 14 September, due to a deadly combination of a suspected measles outbreak and high malnutrition. Over 3100 suspected cases were also reported in the same period and more than 500 suspected cases of cholera have been reported in other parts of the country, along with outbreaks of dengue and malaria, in a context of increased epidemic risk and challenges for epidemic control.
   “The world has the means and the money to prevent every one of these deaths from measles or malnutrition,” the United Nations High Commissioner for Refugees, Filippo Grandi, said today. “And yet dozens of children are dying every day – a result of this devastating conflict and a lack of global attention. We can prevent more deaths, but need money for the response, access to those in need, and above all, an end to the fighting.”...

19 September 2023   Departmental news
WHO pilots workshop to increase One Health collaboration for rabies control

18 September 2023   Joint News Release
Billions left behind on the path to universal health coverage

18 September 2023   Departmental news
WHO takes its message on Health for All to second Walk the Talk New York

18 September 2023   Departmental news
Leaders spotlight the critical intersection between health and climate ahead of COP-28 first-ever Health Day

:::::::

WHO Regional Offices
Selected Press Releases, Announcements
WHO African Region
No new digest content identified.

WHO Region of the Americas  PAHO
::  PAHO and Vital Strategies agree to bolster evidence-based approaches to advance public health in the Americas
New York City, September 22, 2023 (PAHO) - The Pan American Health Organization (PAHO) and Vital Strategies today signed a new partnership agreement to improve the use of data and evidence to address health challenges in the Americas. “In an increasingly data-driven world, it is critical that we harness the power of data to inform health policies...

:: PAHO and Canada join efforts to eliminate trachoma in Latin America and the Caribbean
Washington, DC, 22 September 2023, PAHO/WHO – The Pan American Health Organization (PAHO) and the Government of Canada have launched an initiative to eliminate trachoma, an infectious eye disease and leading cause of blindness among women in poor, remote areas of Latin America. Through a C$ 15 million (US$ 11.2 million) contribution provided by...

:: Renewed focus on Primary Health Care key to resilient, inclusive health systems: PAHO Director
Speaking at UNGA, PAHO Director highlights need for new models of health financing, decentralized services, expanded health workforce, and strengthened digital and medical technology
New York, 21 September 2023, (PAHO) – A fundamental change in health priorities with a renewed focus on Primary Health Care is crucial to ensure post-pandemic...

:: PAHO and FIND sign agreement to improve access to diagnostics in Latin America and the Caribbean
New York City, New York, September 20, 2023 (PAHO) - The Pan American Health Organization (PAHO) and FIND today signed an agreement to expand access to essential medical diagnostic tests in Latin America and the Caribbean. The partnership will focus on improving equitable and timely access to quality-assured, cost-effective diagnostic...

:: PAHO convenes ministers of Health of the Americas to discuss Health priorities for the Region
Representatives will seek to reach agreements to prevent and control non-communicable diseases in children, adolescents, and young people, and to reduce the suicide rate, which increased by 17% between 2000 and 2019, among other issues. Washington, DC, September 20, 2023 (PAHO)- Ministers of Health and other high-level authorities from the...

:: PAHO and Merck to work together to improve maternal health in the Americas
New York City, New York, September 20, 2023 (PAHO) - The Pan American Health Organization (PAHO) and Merck, known as MSD outside the United States and Canada, today signed a letter of intent on a potential collaboration to improve health care and maternal health outcomes for women and mothers in the Americas.

:: PAHO and CAF to work together to strengthen health systems in Latin America and the Caribbean
New York City, New York, September 19, 2023 —The Pan American Health Organization (PAHO) and CAF - development bank of Latin America and the Caribbean - today signed a memorandum of understanding with the aim of implementing joint actions aimed at strengthening health systems in the region, and thus advancing progress on the 2030 Agenda and the...

:: PAHO and PATH sign agreement to advance health equity in the Americas
New York City, New York, September 19, 2023 —The Pan American Health Organization (PAHO) and PATH today signed a new partnership agreement to advance health equity in the Americas. “This agreement is a reaffirmation of a long-standing partnership. PAHO and PATH are strengthening our strategic collaboration to jointly contribute to building...

**WHO South-East Asia Region SEARO**

:: Experts, officials meet to accelerate reduction of maternal, newborn and child deaths in WHO South-East Asia Region
19 September 2023  News release

**WHO European Region EURO**

:: 22 September 2023  News release
As European Region continues positive trend in TB control, WHO/Europe warns of challenges that could threaten gains
:: 21 September 2023  News release
Polio outbreak in Ukraine closed – a success story for public health despite extreme challenge
**WHO Western Pacific Region**

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.

**21 September 2023 | Suspected triple outbreak of typhoid fever, shigellosis and cholera - Congo**

**20 September 2023 | Botulism - France**

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**New WHO Publications**

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

Selected

21 September 2023

**WHO Advisory Committee on Variola Virus Research: report of the twenty-fourth meeting, Geneva, 29–30...**

20 September 2023

**Technical consultation to assess comparative efficacy of vector control products: meeting report, 5 and...**

18 September 2023

**Tracking Universal Health Coverage: 2023 Global monitoring report**

18 September 2023

**Tracking Universal Health Coverage: 2023 Global monitoring report**

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**USA – HHS, FDA, CDC**

**HHS**

**News**

**Letter from HHS Secretary on COVID-19 Vaccine Coverage**

September 22, 2023 News Release

To the health care payer community:

We appreciate the strong partnership on transitioning COVID-19 vaccines from government distribution to traditional health care distribution channels. Unfortunately, some consumers are experiencing insurance coverage denials when seeking the updated COVID-19 vaccines, and I am writing to ask for continued partnership and also want to remind you of legal obligations for coverage of the vaccines...

**Biden-Harris Administration Awards $600 Million to Bolster US Manufacturing of COVID-19 Tests and Announces the Re-Opening of COVIDTests.gov**

September 20, 2023 News Release
HHS Awards $45 Million in Grants to Expand Access to Care for People with Long COVID
September 20, 2023 News Release

FDA
Press Announcements
No new digest content identified.

FDA VRBPAC
Advisory Committee Calendar
Vaccines and Related Biological Products Advisory Committee Meeting October 5, 2023
Announcement - 10/05/2023

CDC/ACIP [U.S.] [to 23 Sep 2023]
http://www.cdc.gov/media/index.html
Latest News Releases
CDC announces $262M funding to support National Network for Outbreak Response and Disease Modeling
September 22, 2023On September 19, 2022, CDC announced the recipients of 13 funding awards to establish a first-of-its-kind national network, the Outbreak Analytics and Disease Modeling Network (OADMN).

CDC recommends new vaccine to help protect babies against severe respiratory syncytial virus (RSV) illness after birth
September 22, 2023CDC recommends the first respiratory syncytial virus (RSV) vaccine for pregnant people to protect their newborn from severe RSV illness.

ACIP Meetings
Next ACIP Meeting
Most recent meeting: September 22, 2023
No future meeting dates identified.

MMWR Weekly
https://www.cdc.gov/mmwr/index2023.html
September 22, 2023 / No. 38
PDF of this issue
- Progress Toward Poliomyelitis Eradication — Afghanistan, January 2022–June 2023
- Notes from the Field: Circulating Vaccine-Derived Poliovirus Type 2 Emergences Linked to Novel Oral Poliovirus Vaccine Type 2 Use — Six African Countries, 2021–2023
- QuickStats: Sepsis-Related Death Rates Among Persons Aged ≥65 Years, by Age Group and Sex

Europe

European Medicines Agency [EMA]
Africa CDC statement on the humanitarian crisis in Libya following Storm Daniel

Addis Ababa, Ethiopia – September 16, 2023 – Africa CDC is deeply concerned about the dire humanitarian situation unfolding in Libya in the wake of a devastating natural disaster. On September 10th, northeastern Libya was ravaged by Storm Daniel, a catastrophic event that unleashed torrential rains and flash floods, causing widespread devastation in numerous cities and towns. Of particular concern is the coastal town of Derna, where the death toll has tragically exceeded 11,300 on 16 Sep 2023. Additionally, in the Mediterranean city, more than 10,100 people have been reported missing. Approximately 250,000 individuals require immediate humanitarian aid, and addressing this situation is a prolonged effort aimed at averting potential major epidemics that frequently ensue following such climate-related catastrophes…

China CDC Weekly Reports: Current Volume (5)
2023-09-22 / No. 38   PNEUMOCONIOSIS PREVENTION ISSUE

China has decided to manage monkeypox as a Class B infectious disease starting from Wednesday as the country reported about 500 cases last month, including its first infections detected in women, according to health authorities.
- Preplanned Studies: Prevalence and Types of Comorbidities in Pneumoconiosis — China, 2018–2021
- Preplanned Studies: Impact of Whole Lung Lavage on Pneumoconiosis Patients — China, 2018–2022
- Methods and Applications: An Analysis of Targeted Serum Lipidomics in Patients with Pneumoconiosis — China, 2022
- Commentary: 30-Year Trends in the Disease Burden, Incidence, and Prevention of Pneumoconiosis

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Organization Announcements

Paul G. Allen Frontiers Group  [to 23 Sep 2023]
https://alleninstitute.org/news-press/
News
No new digest content identified.

BMGF - Gates Foundation  [to 23 Sep 2023]
https://www.gatesfoundation.org/ideas/media-center
Press Releases and Statements
Press release  Sep 20, 2023
Gates Foundation Honors 2023 Goalkeepers Awardees, Announces Commitments to Advance the Sustainable Development Goals

Bill & Melinda Gates Medical Research Institute  [to 23 Sep 2023]
https://www.gatemri.org/news
The Bill & Melinda Gates Medical Research Institute is a non-profit biotech organization. Our mission is to develop products to fight malaria, tuberculosis, and diarrheal diseases—three major causes of mortality, poverty, and inequality in developing countries. The world has unprecedented scientific tools at its disposal; now is the time to use them to save the lives of the world's poorest people
News: Articles and Publications
No new digest content identified.

CARB-X  [to 23 Sep 2023]
https://carb-x.org/
News
No new digest content identified.
Center for Vaccine Ethics and Policy – GE2P2 Global Foundation  [to 23 Sep 2023]
https://centerforvaccineethicsandpolicy.net/
News/Analysis/Publications-Digests/Statements
  :: Vaccines and Global Health: The Week in Review  - Current edition
  :: Genomic Medicine – Governance, Ethics, Policy, Practice: A Monthly Digest  – Sep 2023
  :: Public Consultations Watch :: Global Calls for Input/Public Comment - 07 2023 – Issue 07

CEPI – Coalition for Epidemic Preparedness Innovations  [to 23 Sep 2023]
http://cepi.net/
Latest News
CEPI and Bio Farma partnership boosts rapid response vaccine manufacturing for the Global South
  Bio Farma to establish cutting-edge mRNA and viral vector rapid response vaccine manufacturing capability with CEPI support and investment of up to $15 million.
News  19 Sep 2023

BioNTech and CEPI Announce Partnership to Advance mRNA Mpox Vaccine Development and Support CEPI’s 100 Days Mission
  CEPI commits funding of up to $90 million for the development of mRNA-based vaccine candidates
News  18 Sep 2023

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES  [to 23 Sep 2023]
https://cioms.ch/
News; Publications; Events
No new digest content identified.

DARPA – Defense Advanced Research Projects Agency [U.S.]  [to 23 Sep 2023]
https://www.darpa.mil/news
News
No new digest content identified.

Duke Global Health Innovation Center  [to 23 Sep 2023]
https://dukeghic.org/
News
No new digest content identified.

EDCTP  [to 23 Sep 2023]
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
EDCTP congratulates the African Union for its membership in the G20

Emory Vaccine Center  [to 23 Sep 2023]  
http://www.vaccines.emory.edu/  
Vaccine Center News  
No new digest content identified.

European Vaccine Initiative  [to 23 Sep 2023]  
http://www.euvaccine.eu/  
Latest News, Events  
No new digest content identified.

Evidence Aid  [to 23 Sep 2023]  
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]  
Impact of COVID-19 lockdown on people with disabilities (research up to September 2020)  
Added September 19, 2023

Fondation Merieux  [to 23 Sep 2023]  
http://www.fondation-merieux.org/  
News, Events  
No new digest content identified.

Gavi  [to 23 Sep 2023]  
https://www.gavi.org/  
News Releases  
No new digest content identified.

GHIT Fund  [to 23 Sep 2023]  
https://www.ghitfund.org/newsroom/press  
Press Releases  
September 21, 2023  
GHIT Fund Welcomes Remedy & Company Corporation as New Funding Partner

Global Fund  [to 23 Sep 2023]  
News & Stories  
19 September 2023  
Global Fund, Stop TB Partnership and USAID Announce New Collaboration with Danaher to Reduce Price and Increase Access to Cepheid’s TB Test
The Global Fund to Fight AIDS, Tuberculosis and Malaria (the Global Fund) announced today a new collaboration with Danaher Corporation (Danaher), a global science and technology innovator who will provide Cepheid’s Xpert® MTB/RIF Ultra diagnostic tes...

18 September 2023

**Climate Change and Conflict Slow Down Progress Despite Record Results**

The Global Fund’s 2023 Results Report released today shows a remarkable acceleration of programmatic results in the fight against HIV, TB and malaria, after losses from the COVID-19 pandemic. However, multiple challenges, including climate change and...

**Global Research Collaboration for Infectious Disease Preparedness [GloPID-R]** [to 23 Sep 2023]

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

**Hilleman Laboratories** [to 23 Sep 2023]

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

**HHMI - Howard Hughes Medical Institute** [to 23 Sep 2023]

https://www.hhmi.org/news

**Human Vaccines Project** [to 23 Sep 2023]

http://www.humanvaccinesproject.org/

**IAVI** [to 23 Sep 2023]

https://www.iavi.org/

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Scientists have found that cells that line human lungs and other tissues express a protein that can halt SARS-CoV-2 replication before the virus spreads to nearby cells. Their discovery could one day point to new therapeutic strategies to treat or prevent COVID-19, particularly for individuals who are more vulnerable to severe infection.

The cohort of early career scientists represents a promising future for biomedical science. The HHMI Hanna H. Gray Fellows Program provides each fellow with up to $1.5 million in support for up to eight years.
**Public Consultation: ICH E6(R3) Principles, Annex 1 and Annex 2**

The E6(R3) EWG is working on the revision of the E6(R2) Guideline “Good Clinical Practice” (GCP) with a view to addressing the application of GCP principles to the increasingly diverse trial types and data sources being employed to support regulatory and healthcare related decision-making on drugs, and provide flexibility whenever appropriate to facilitate the use of technological innovations in clinical trials. Additional information may also be found in ICH Reflection Paper on “GCP Renovation” on the ICH Reflection Paper page. When complete, E6(R3) will be composed of an overarching principles and objectives document, Annex 1 and Annex 2.

**E6(R3) Draft Guideline**

**Public consultation dates:**
- EC, Europe - Deadline for comments by 26 September 2023
- Swissmedic, Switzerland - Deadline for comments by 26 September 2023
- HSA, Singapore - Deadline for comments by 30 September 2023
- Health Canada, Canada - Deadline for comments by 20 October 2023

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**Libya floods: Climate change made catastrophe ‘far more likely’**
Morocco earthquake: IFRC intensifies relief operations amid upcoming rains and risk of landslides

Development of an onco-therapeutic vaccine candidate against human papillomavirus (HPV)-induced cancers, based on preclinical results showing 100% efficacy

The Biotech TheraVectys, in collaboration with Institut Pasteur-TheraVectys Joint Laboratory, has just demonstrated the preclinical efficacy of its "Lenti-HPV-07" lentiviral vector-based vaccine candidate, administered intramuscularly, against cervical and oropharyngeal cancers induced by human papillomavirus (HPV). These results were published in EMBO Molecular Medicine journal on September 7, 2023, in an article entitled "Full eradication of pre-clinical human papilloma virus induced tumors by a lentiviral vaccine".

No new digest content identified.

IVAC Co-Hosts Workshop to Accelerate Introduction of Lifesaving Vaccines for Children

IVAC team members traveled to N'Djamena, Chad, earlier this month for a workshop focused on accelerating the introduction of pneumococcal conjugate vaccine (PCV) and rotavirus vaccine in four high-burden African countries: Chad, Guinea, Somalia, and South Sudan.

IVI’s 22nd International Vaccinology Course highlights lessons for vaccinology in the wake of the COVID-19 pandemic

Sep 15, 2023
Johns Hopkins Center for Health Security [to 23 Sep 2023]
https://www.centerforhealthsecurity.org/news CENTER NEWS [Selected]
No new digest content identified.

MSF/Médecins Sans Frontières [to 23 Sep 2023]
http://www.msf.org/
Latest [Selected Announcements]
Sudan
Catastrophic health crisis in Sudan demands more action
Statement 21 Sep 2023

Sierra Leone
Helping pregnant women access timely and quality maternity services
Project Update 20 Sep 2023

Libya
MSF begins medical activities in Derna after Storm Daniel
Interview 20 Sep 2023

Nigeria
Urgent response needed to curb Nigeria’s worsening diphtheria outbreak
Press Release 19 Sep 2023

Uganda
MSF ends support to HIV programme in Arua after more than 20 years
Project Update 18 Sep 2023

National Academy of Medicine - USA [to 23 Sep 2023]
https://nam.edu/programs/
News [Selected]
No new digest content identified.

National Academy of Sciences - USA [to 23 Sep 2023]
https://www.nationalacademies.org/newsroom?
News
No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 23 Sep 2023]
https://www.hhs.gov/vaccines/about/index.html
Upcoming Meetings/Latest Updates
No new digest content identified.

NIH [to 23 Sep 2023]
http://www.nih.gov/
News Releases
Clinical trial to test immune modulation strategy for hospitalized covid-19 patients begins
September 22, 2023 — Part of NIH’s STRIVE consortium, the therapeutic may prevent overactive immune systems from causing severe symptoms.

Clinical trial of HIV vaccine begins in United States and South Africa
September 20, 2023 — Novel vaccine includes NIH-funded technology in development since 2004.

PATH [to 23 Sep 2023]
https://www.path.org/media-center/
Press Releases
African vaccine manufacturing capacity is a mixed picture: Form/fill/finish capacity is strong while end-to-end local vaccine production will require additional investment
New analysis illuminates strengths, gaps, opportunities, and recommendations for building a sustainable vaccine manufacturing ecosystem.
21 Sep 2023

PAHO and PATH sign agreement to advance health equity in the Americas
New York City, New York, September 19, 2023 —The Pan American Health Organization (PAHO) and PATH today signed a new partnership agreement to advance health equity in the Americas. “This agreement is a reaffirmation of a long-standing partnership. PAHO and PATH are strengthening our strategic collaboration to jointly contribute to building resilient health systems, which will allow the region to address our common public health challenges. By expanding its manufacturing capacity, the region of the Americas will be better prepared to face future health emergencies,” said Dr. Jarbas Barbosa, Director of PAHO...

Rockefeller Foundation [to 23 Sep 2023]
https://www.rockefellerfoundation.org/
Selected Reports/Press Releases
No new digest content identified.

Sabin Vaccine Institute [to 23 Sep 2023]
https://www.sabin.org/press/
Latest News & Press Releases
No new digest content identified.

UNAIDS [to 23 Sep 2023]
http://www.unaids.org/en
Selected Press Releases/Reports/Statements
Press release
The path that ends AIDS by 2030 will boost progress towards achieving many other Sustainable Development Goals
NEW YORK/GENEVA, 20 September 2023—UNAIDS, the Governments of Botswana and the United States of America, together with the European Commission have joined global partners to urge world leaders to get on the path that ends AIDS. This, they say, will also accelerate progress to reach many other of the Sustainable Development Goals...
**UNICEF**  [to 23 Sep 2023]
https://www.unicef.org/media/press-releases

*Latest press releases, news notes and statements*

*Press release  17 September 2023*

**Two-thirds of global goals for children’s rights and well-being off-pace to meet 2030 target - UNICEF**

NEW YORK, 18 September 2023 – At the halfway mark towards the 2030 Sustainable Development Goals (SDGs), two-thirds of child-related indicators are off-pace to meet their targets, according to a new UNICEF report released today. Progress on Children’s Well-Being: Centring child rights in the 2030 Agenda warns that as of today, only 6 per cent of...

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**Unitaid**  [to 23 Sep 2023]
https://unitaid.org/

*Featured News*

22 September 2023

**Unitaid’s Executive Chair calls for action on TB at UN High-Level Meeting**

21 September 2023

**Bill & Melinda Gates Foundation doubles its contribution to Unitaid to US$100 million over 5 years**

20 September 2023

**Unitaid to partner with communities and civil society to drive access to new drug-resistant TB treatment regimens with new call for proposals**

19 September 2023

**Presidents of Brazil and France call for increased support to Unitaid to speed up access to lifesaving health products**

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**Vaccine Equity Cooperative [nee Initiative]**  [to 23 Sep 2023]
https://vaccineequitycooperative.org/news/

*News*

No new digest content identified.

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**Vaccination Acceptance & Demand Initiative [Sabin]**  [to 23 Sep 2023]
https://www.vaccineacceptance.org/

*Announcements, Blog*

No new digest content identified.

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**Vaccine Confidence Project**  [to 23 Sep 2023]
http://www.vaccineconfidence.org/

*News, Research and Reports*

No new digest content identified.

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**Vaccine Education Center – Children’s Hospital of Philadelphia**  [to 23 Sep 2023]
Wellcome Trust  [to 23 Sep 2023]
https://wellcome.ac.uk/news
News. Opinion, Reports
No new digest content identified.

The Wistar Institute  [to 23 Sep 2023]
Press Releases
No new digest content identified.

World Bank  [to 015 Oct 2022]
All News  [Selected]
Billions left behind on the path to Universal Health Coverage
  NEW YORK/GENEVA/WASHINGTON, September 18, 2023— The World Health Organization (WHO) and the World Bank have jointly published the 2023 Universal Health Coverage (UHC) Global Monitoring Report, revealing...
  Date: September 18, 2023 Type: Press Release

WFPHA: World Federation of Public Health Associations  [to 23 Sep 2023]
https://www wfpha.org/
Latest News - Blog
WFPHA at UNGA78: Statement on Pandemic Prevention, Preparedness and Response
Sep 20, 2023
  WFPHA at UNGA78: Statement on Pandemic Prevention, Preparedness and Response The 78th session of the United Nations General Assembly (UNGA 78) takes place in New York in September 2023. It marks a crucial milestone in the journey towards achieving...

World Medical Association [WMA]  [to 23 Sep 2023]
Press Releases
No new digest content identified.

World Organisation for Animal Health  [to 23 Sep 2023]
https://www.oie.int/en/
Press Releases, Statements
Selected Press Releases
No new digest content identified.

:::::

ARM [Alliance for Regenerative Medicine]  [to 23 Sep 2023]
Selected Press Releases
No new digest content identified.

**BIO** [to 23 Sep 2023]
Press Releases
No new digest content identified.

**DCVMN – Developing Country Vaccine Manufacturers Network** [to 23 Sep 2023]
http://www.dcvmn.org/
News; Upcoming events
No new digest content identified.

**ICBA – International Council of Biotechnology Associations** [to 23 Sep 2023]
https://internationalbiotech.org/news/
News
No new digest content identified.

**IFPMA** [to 23 Sep 2023]
https://ifpma.org/
Selected Press Releases/Statements
Statement 21 Sep 2023
Statement at the High-Level Meeting on Universal Health Coverage
On 21 September 2023, IFPMA submitted a statement at the UN High-Level Meeting on Universal Health Coverage in New York.

Statement 20 Sep 2023
Statement at the High Level Meeting on Tuberculosis
On 22 September 2023, IFPMA submitted a statement at the High-Level Meeting on Tuberculosis in New York.

Statement 20 Sep 2023
Statement at the High-Level Meeting on Pandemic Prevention, Preparedness and Response
On 20 September 2023, IFPMA submitted a statement at the UN High-Level Meeting on Pandemic Prevention, Preparedness, and Response in New York.

**International Alliance of Patients’ Organizations – IAPO** [to 23 Sep 2023]
https://www.iapo.org.uk/news/topic/6
Press and media [Selected]
No new digest announcements identified

**International Generic and Biosimilar Medicines Association [IGBA]**
https://www.igbamedicines.org/
News
Vaccines/Therapeutics/Medicines – Selected Developer/Manufacturer Announcements

AstraZeneca
Press Releases
Alexion completes purchase and licence agreement for early-stage rare disease gene therapy portfolio from Pfizer
PUBLISHED 20 September 2023
Alexion, AstraZeneca Rare Disease, has completed a definitive purchase and licence agreement for a portfolio of preclinical rare disease gene therapy programmes and enabling technologies from Pfizer Inc. (Pfizer).
These new resources build on the combined capabilities of Alexion and AstraZeneca in genomic medicine, with the objective to develop new genetic therapies with improved safety and efficacy profiles. Additionally, several of the Pfizer employees associated with the portfolio will join Alexion as employees...

Bharat Biotech
Press Releases
- No new digest announcements identified

BioCubaFarma – Cuba
Últimas Noticias - Website not responding at inquiry

Biological E
News - No new digest announcements identified

BioNTech
Press Releases
18 September 2023
BioNTech and CEPI Announce Partnership to Advance mRNA Mpox Vaccine Development and Support CEPI’s 100 Days Mission
- BioNTech is initiating a Phase 1/2 clinical trial of the mRNA-based mpox vaccine program, BNT166
- The Coalition for Epidemic Preparedness Innovations (CEPI) commits funding of up to $90 million for the development of vaccine candidates
- Data generated by this partnership will contribute to CEPI’s 100 Days Mission, a global effort to accelerate the development of well-tolerated and effective vaccines against future viral threats with pandemic potential
- The partnership is part of BioNTech’s strategy to develop novel prophylactic vaccines for the prevention of high-medical-need infectious diseases, including diseases that disproportionally affect lower-income countries

Boehringer
European Commission authorises ViiV Healthcare’s Apretude (cabotegravir long-acting and tablets) for HIV prevention

Cabotegravir demonstrated superior efficacy to a daily oral PrEP option (FTC/TDF tablets) in reducing the risk of HIV in clinical trials.
Pfizer Broadens Portfolio of Respiratory Vaccines Recommended by CDC Advisory Committee with ABRYSVO™ for RSV

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

Sanofi Pasteur
Press Releases
September 19, 2023  Press Release
Sanofi supporting vulnerable communities as part of commitment to social impact and fight against climate change

Serum Institute of India
NEWS & ANNOUNCEMENTS  - No new digest announcements identified

Sinopharm/WIBPBIBP
News  - No new digest announcements identified  [English translation function not operating]

Sinovac
Press Releases
2023/09/21  Press Releases
SINOVAC Begins Phase I Trials of Bivalent Enterovirus Vaccine
Vaccine is First to Target Both EV71 and CA16 Viruses, Boosting HFMD Prevention

SK Biosciences
Press Releases
SK bioscience Implements Laboratory Information Management System First Among South Korean Vaccine Companies
2023.09.20

Takeda
Newsroom
Takeda Commits Over $30 Million in Five New Global CSR Partnerships To Further Drive Health Impact in 92 Countries
September 13, 2023

Valneva
Press Releases  - 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.]
[No website identified]
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 14, 2023 Issue 3
https://www.tandfonline.com/toc/uabr21/current
[Reviewed earlier]

AMA Journal of Ethics
Volume 25, Number 9: E651-717
https://journalofethics.ama-assn.org/issue/palliative-psychiatry

Palliative Psychiatry
All general medical, surgical, and psychiatric patients deserve palliative approaches to their care. Palliative psychiatry, especially, deserves clinical and ethical attention because of its promise as an emerging field renewing attention to patients whose illnesses—such as treatment resistant depression—and symptoms—such as persistent suicidality—challenge our faith in health care as a life-affirming source of hope. Responding with care to vulnerabilities and needs of these patients requires prioritizing symptom management, relieving suffering, focusing on quality of life, reducing harms of aggressive interventions, and minimizing use of physical or chemical force. This theme issue investigates how inquiry into palliative psychiatry can reinvigorate core philosophy of medicine investigations into what health care is for.

American Journal of Human Genetics
Sep 07, 2023 Volume 110 Issue 9 p1445-1606
https://www.cell.com/ajhg/current
[Reviewed earlier]

American Journal of Infection Control
September 2023 Volume 51 Issue 9 p967-1082
Editorials

Plasmodium vivax in Sub-Saharan Africa: An Advancing Threat to Malaria Elimination?
Mary Aigbiremo Oboh-Imafidon and Peter A. Zimmerman
DOI: https://doi.org/10.4269/ajtmh.23-0523

Review Article

The Endless Vulnerability of Migrant Children In-Transit across the Darién Gap
Laura Naranjo, et al.

ABSTRACT
Many people from poverty-stricken countries are migrating across South and Central America to reach the México–United States border, a movement exacerbated by the COVID-19 pandemic. Migrant people who begin their northbound journey in South America must transit across a significant geographic bottleneck, the Darién Gap, a mountainous rainforest region between Colombia and Panama. Most migrant people crossing this region originate from Cuba, Haiti, and Venezuela. Other people reach the shores of South American countries from west and central Africa or central and southeastern Asia and continue to the Darién Gap. Poverty and violence drive families with children to flee their homes and endure incalculable risks in their path. Children traveling with their families or as unaccompanied minors across the Darién Gap are exposed to life-threatening situations and human rights violations, including abuse, exploitation, malnourishment, and limited access to medical care. In addition to experiencing untreated medical illnesses, children experience mental health disorders during migration and after they reach their destination as a result of victimization and adverse traumatic experiences. Therefore, providing migrants, especially children, with rapid medical screenings and mental health support when they arrive at their destination is critical to reduce health inequities. Furthermore, making these interventions available during their transit and ensuring their safety may prevent further human rights abuses in children and families. Latin American governments must address the ongoing humanitarian crisis endured by migrants throughout their migratory path by offering access to essential healthcare services and safeguarding the rights and security of children and vulnerable groups.

Annals of Internal Medicine
September 2023  Volume 176, Issue 9
https://www.acpjournals.org/toc/aim/current
Position Papers

Preventing Future Pandemics and Public Health Emergencies: An American College of Physicians Policy Position Paper
Josh Serchen, BA... et al.
Pages:1240–1244

Abstract
The onset of the COVID-19 pandemic revealed significant gaps in the United States' pandemic and public health emergency response system. At the federal level, government responses were undercut by a lack of centralized coordination, inadequately defined responsibilities, and an under-resourced national stockpile. Contradictory and unclear guidance throughout the early months of the pandemic, along with inconsistent funding to public health agencies, also created notable variance in state and local responses. The lack of a coordinated response added pressure to an already overwhelmed health care system, which was forced to resort to rationing care and personal protective equipment, creating moral distress and trauma for health care workers and their patients. Despite these severe shortcomings, the COVID-19 pandemic also highlighted successful policies and approaches, such as Operation Warp Speed, which led to the fastest development and distribution of a vaccine in history. In this position paper, the American College of Physicians (ACP) offers several policy recommendations for enhancing federal, state, and local preparedness for future pandemic and public health emergencies. This policy paper builds on various statements produced by ACP throughout the COVID-19 pandemic, including on the ethical distribution of vaccinations and resources, conditions to resume economic and social activity, and efforts to protect the health and well-being of medical professionals, among others.

Editorials
Preparing the United States for the Next Pandemic
Ashish K. Jha, MD, MPH
Pages:1277–1278

Artificial Intelligence – An International Journal
Volume 322  September 2023
[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation
http://resource-allocation.biomedcentral.com/
(Accessed 23 Sep 2023)
[No new digest content identified]

BMC Health Services Research
http://www.biomedcentral.com/bmchealthservres/content
(Accessed 23 Sep 2023)
Vaccination coverage in rural Burkina Faso under the effects of COVID-19: evidence from a panel study in eight districts
Improving infant immunization completion and promoting equitable vaccination coverage are crucial to reducing global under-5 childhood mortality. Although there have been hypotheses that the impact of the COVI...
Authors: Sarah Cooper, Frank Bicaba, Cheick Oumar Tiendrebeogo, Alice Bila, Abel Bicaba and Thomas Druetz
Citation: BMC Health Services Research 2023 23:1016
**BMC Infectious Diseases**

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

(Accessed 23 Sep 2023)

**The long-term efficacy of tick-borne encephalitis vaccines available in Europe - a systematic review**

Despite the availability of vaccination, TBE (tick-borne encephalitis) remains a global public health problem. Therefore, the aim of our study was to assess the long-term efficacy of vaccinations against tick-...

Authors: Wojciech Miazga, Katarzyna Wnuk, Tomasz Tatara, Jakub Świtalski, Adrian Matera, Urszula Religioni and Mariusz Gujski

Citation: BMC Infectious Diseases 2023 23:621

Content type: Research Published on: 21 September 2023

**Association between contextual factors and coverage of the Acwy meningococcal vaccine, after three years of its overdue, in the vaccination calendar of adolescents in the state of Minas Gerais, Brazil: global space regressions**

The objective of the study was to analyze the spatial distribution of vaccination coverage of bacterial meningitis vaccine: A, C, W and Y (menacwy) and identify the association between socioeconomic and social...


Citation: BMC Infectious Diseases 2023 23:615

Content type: Research Published on: 21 September 2023

**BMC Medical Ethics**

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

(Accessed 23 Sep 2023)

**Researching the future: scenarios to explore the future of human genome editing**

Forward-looking, democratically oriented governance is needed to ensure that human genome editing serves rather than undercuts public values. Scientific, policy, and ethics communities have recognized this nec...

Authors: Cynthia Selin, Lauren Lambert, Stephanie Morain, John P. Nelson, Dorit Barlevy, Mahmud Farooque, Haley Manley and Christopher T. Scott

Citation: BMC Medical Ethics 2023 24:72

Content type: Research Published on: 21 September 2023

**BMC Medicine**

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

(Accessed 23 Sep 2023)

**Patient-reported reactogenicity and safety of COVID-19 vaccinations vs. comparator vaccinations: a comparative observational cohort study**

In the course of the SARS-CoV-2 pandemic, multiple vaccines were developed. Little was known about reactogenicity and safety in comparison to established vaccines, e.g. influenza, pneumococcus, or herpes zoste...
Social determinants of health are drivers of vaccine inequity and lead to higher risks of complications from infectious diseases in under vaccinated communities. In many countries, pharmacists have gained the ... Authors: Alexandre Chadi, Daniel J. G. Thirion and Pierre-Marie David Citation: BMC Public Health 2023 23:1855 Content type: Research Published on: 23 September 2023

Intersection of policy and Immunization Information Systems (IIS)
Immunization information systems (IIS) are confidential, population-based computerized databases that record vaccination doses administered to persons residing within a given geopolitical area. We sought to hi... Authors: Lara A. Heersema, Luke Cunniff, Amanda L. Eiden, Isha Sharma, Jaya Mishra and Alexandra Bhatti Citation: BMC Public Health 2023 23:1828 Content type: Research article Published on: 20 September 2023

Citizen involvement in COVID-19 contact tracing with digital tools: a qualitative study to explore citizens’ perspectives and needs
Contact tracing (CT) is a key strategy when dealing with outbreaks of infectious diseases such as COVID-19. The scale of the COVID-19 pandemic has often left public health professionals (PHPs), who are respons... Authors: A. van der Meer, Y. B. Helms, R. Baron, R. Crutzen, A. Timen, M. E. E. Kretzschmar, M. L. Stein and N. Hamdiui Citation: BMC Public Health 2023 23:1804 Content type: Research Published on: 16 September 2023
**BMJ Global Health**  
August 2023 - Volume 8 - 9  
https://gh.bmj.com/content/8/9  
[Reviewed earlier]

**Bulletin of the Atomic Scientists**  
September 2023  
https://thebulletin.org/magazine/2023-09/Contents  
[Reviewed earlier]

**Bulletin of the World Health Organization**  
Volume 101(9); 2023 Sep 1  
https://www.ncbi.nlm.nih.gov/pmc/issues/444008/  
[Reviewed earlier]

**Cell**  
Sep 14, 2023 Volume 186 Issue 19 p4003-4256  
https://www.cell.com/cell/current  
[Reviewed earlier]

**Child Care, Health and Development**  
Volume 49, Issue 5 Pages: 787-940 September 2023  
https://onlinelibrary.wiley.com/toc/13652214/current  
*SPECIAL ISSUE: THE PERVERSIVE EFFECTS OF COVID-19 ON CHILDREN: A GLOBAL PERSPECTIVE PART II*  
[Reviewed earlier]

**Clinical Pharmacology & Therapeutics**  
Volume 114, Issue 3 Pages: 483-721 September 2023  
https://ascpt.onlinelibrary.wiley.com/toc/15326535/current  
*Novel Modalities*  
[Reviewed earlier]

**Clinical Therapeutics**  
August 2023 Volume 45 Issue 8 p685-806  
http://www.clinicaltherapeutics.com/current  
[Reviewed earlier]

**Clinical Trials**  
Volume 20 Issue 5, October 2023
Conflict and Health
http://www.conflictandhealth.com/
[Accessed 23 Sep 2023]
[No new digest content identified]

Contemporary Clinical Trials
Volume 132 September 2023
[Reviewed earlier]

The CRISPR Journal
Volume 6, Issue 4 / August 2023
https://www.liebertpub.com/toc/crispr/6/4
[Reviewed earlier]

Current Genetic Medicine Reports
Volume 10, issue 3, September 2022
https://link.springer.com/journal/40142/volumes-and-issues/10-3
[Reviewed earlier]

Current Medical Research and Opinion
Volume 39, Issue 9  2023
https://www.tandfonline.com/toc/icmo20/current
[Reviewed earlier]

Current Opinion in Infectious Diseases
October 2023 - Volume 36 - Issue 5
https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx
[Reviewed earlier]

Current Protocols in Human Genetics
https://currentprotocols.onlinelibrary.wiley.com/journal/19348258
[Accessed 23 Sep 2023]
[No new digest content identified]

Developing World Bioethics
Volume 23, Issue 3 Pages: 197-292 September 2023
https://onlinelibrary.wiley.com/toc/14718847/current
[Reviewed earlier]
Development in Practice
Volume 33, Issue 6, 2023
http://www.tandfonline.com/toc/cdip20/current
[Reviewed earlier]

Development Policy Review
Volume 41, Issue 5 September 2023
https://onlinelibrary.wiley.com/toc/14677679/current
[Reviewed earlier]

Disaster Medicine and Public Health Preparedness
Volume 16 - Issue 6 - December 2022
https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/latest-issue
[Reviewed earlier]

Disasters
Volume 47, Issue 3 Pages: 543-846 July 2023
[Reviewed earlier]

EMBO Reports
Volume 24 Issue 9 6 September 2023
https://www.embopress.org/toc/14693178/current
[Reviewed earlier]

Emerging Infectious Diseases
Volume 29, Number 8—August 2023
http://wwwnc.cdc.gov/eid/
[Reviewed earlier]

Epidemics
Volume 44 September 2023
https://www.sciencedirect.com/journal/epidemics/vol/44/suppl/C
[Reviewed earlier]

Epidemiology and Infection
Volume 151 - 2023
https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue
[Reviewed earlier]

Ethics & Human Research
Volume 45, Issue 4 Pages: 1-39 July–August 2023
https://onlinelibrary.wiley.com/toc/25782363/current
Trust and HIV-transmission trials :: Translational science and public input
[Reviewed earlier]

Ethics & International Affairs
Volume 37 - Issue 2 - Summer 2023
https://www.cambridge.org/core/journals/ethics-and-international-affairs/latest-issue
[Reviewed earlier]

Ethics, Medicine and Public Health
Volume 29 August 2023
[Reviewed earlier]

The European Journal of Public Health
Volume 33, Issue 4, August 2023
https://academic.oup.com/eurpub/issue/33/4
[Reviewed earlier]

Expert Review of Vaccines
Vol 22 (1) 2023 Issue In Progress
https://www.tandfonline.com/toc/ierv20/current
[Reviewed earlier]

Foreign Affairs
September/October 2023 Volume 102, Number 5
https://www.foreignaffairs.com/issues/2023/102/5
[Reviewed earlier]

Forum for Development Studies
Volume 50, 2023 - Issue 2
http://www.tandfonline.com/toc/sfds20/current
[Reviewed earlier]

Genetics in Medicines
Volume 25, Issue 9 September 2023
[Reviewed earlier]

Genome Medicine
https://genomemedicine.biomedcentral.com/articles
[Accessed 23 Sep 2023]
[No new digest content identified]

This paper examines the events and conditions that led to the creation of the International Clinical Trials Registry Platform (ICTRP) in 2006 by the World Health Organization (WHO), and how the WHO addressed t...

Authors: Loreto Fernández-González
Citation: Globalization and Health 2023 19:71
Content type: Research Published on: 18 September 2023

Special Section: Global Voices for Global Justice: Expanding Right to Health Frameworks

...The papers in this special section work together to move toward a global social medicine for the 22nd century. They envision a global social medicine that confronts and moves beyond the traditionally colonial, xenophobic, heteronormative, patriarchal, gender-binary-bound, capitalist, and racist histories of the fields of global health and human rights. They seek to instantiate a global social medicine that centers knowledge and experiences from the Global South and works toward social justice and health equity at scale. In this special section, the authors are particularly interested in understanding, challenging, and expanding our perspectives and enactments of the right to health. Unlike neoliberal perspectives on health that often limit their explanatory capacity to how individuals behave in the world, the papers here move beyond the focus on lifestyles and on the phantasmagoria of a sovereign subject with supposedly free agency. Instead, authors work
toward critical consciousness that accounts for structural processes—with their inequities and disruptions, as well as their effects on individuals—and how this consciousness can open new horizons for collective transformation and social emancipation in health...

Health Economics, Policy and Law
Volume 18 - Issue 3 - July 2023
https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue
[Reviewed earlier]

Health Policy and Planning
Volume 38, Issue 7, August 2023
https://academic.oup.com/heapol/issue/38/7
ORIGINAL ARTICLES
Resilience of front-line facilities during COVID-19: evidence from cross-sectional rapid surveys in eight low- and middle-income countries
Michael A Peters and others
Health Policy and Planning, Volume 38, Issue 7, August 2023, Pages 789–798,
https://doi.org/10.1093/heapol/czad032

Health Research Policy and Systems
http://www.health-policy-systems.com/content
[Accessed 23 Sep 2023]
[No new digest content identified]

Human Gene Therapy
Volume 34, Issue 17-18 / September 2023
https://www.liebertpub.com/toc/hum/34/17-18
Reviews
Advances and Challenges in the Development of Gene Therapy Medicinal Products for Rare Diseases
Juan A. Bueren and Alberto Auricchio
Pages:763–775
Published Online:11 September 2023
https://doi.org/10.1089/hum.2023.152

Realizing the Potential of Gene Therapies for Rare and Ultra-Rare Inherited Diseases
Claire Booth and Alessandro Aiuti
Pages:776–781
Published Online:25 August 2023
https://doi.org/10.1089/hum.2023.127

Recent Advances Using Genetic Therapies Against Infectious Diseases and for Vaccination
Anne Galy, et al
Pages:896–904
Published Online:28 August 2023
https://doi.org/10.1089/hum.2023.123
Abstract
The development of prophylactic or therapeutic medicines for infectious diseases is one of the priorities for health organizations worldwide. Innovative solutions are required to achieve effective, safe, and accessible treatments for most if not all infectious diseases, particularly those that are chronic in nature or that emerge unexpectedly over time. Genetic technologies offer versatile possibilities to design therapies against pathogens. Recent developments such as mRNA vaccines, CRISPR gene editing, and immunotherapies provide unprecedented hope to achieve significant results in the field of infectious diseases. This review will focus on advances in this domain, showcasing the cross-fertilization with other fields (e.g., oncology), and addressing some of the logistical and economic concerns important to consider when making these advances accessible to diverse populations around the world.

**Humanitarian Practice Network**
https://odihpn.org/

*Featured Publications*
[No new digest content identified]

**Human Vaccines & Immunotherapeutics** (formerly Human Vaccines)
Volume 18, Issue 5, 2022
https://www.tandfonline.com/toc/khvi20/18/5?nav=tocList
[Reviewed earlier]

**Immunity**
Sep 12, 2023 Volume 56 Issue 9 p1975-2176
https://www.cell.com/immunity/current
[Reviewed earlier]

**Infectious Agents and Cancer**
http://www.infectagentscancer.com/
[Accessed 23 Sep 2023]
[No new digest content identified]

**Infectious Diseases of Poverty**
http://www.idpjournal.com/content
[Accessed 23 Sep 2023]
*Tackling barriers to scale up human papillomavirus vaccination in China: progress and the way forward*

The human papillomavirus (HPV) vaccine is the first vaccine developed specifically targeting the prevention of cervical cancer. For more than 15 years, China has expedited a series of efforts on research and d...

Authors: Xue-Lian Zhao, Shang-Ying Hu, Jia-Wei Hu, Hong-Hao Wang, Tian-Meng Wen, Yu-Shu Feng, You-Lin Qiao, Fang-Hui Zhao and Yong Zhang
Citation: Infectious Diseases of Poverty 2023 12:86
Content type: Commentary Published on: 21 September 2023

**International Health**
Volume 15, Issue 5, September 2023
International Human Rights Law Review
Volume 12 (2023): Issue 1 (Jul 2023)
https://brill.com/view/journals/hrlr/12/1/hrlr.12.issue-1.xml
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[Reviewed earlier]

International Journal of Community Medicine and Public Health
Vol. 10 No. 9 (2023): September 2023
https://www.ijcmph.com/index.php/ijcmph/issue/view/104
[Reviewed earlier]

International Journal of Epidemiology
Volume 52, Issue 4, August 2023
https://academic.oup.com/ije/issue
[Reviewed earlier]

International Journal of Human Rights in Healthcare
Volume 16 Issue 3 2023
https://www.emerald.com/insight/publication/issn/2056-4902/vol/16/iss/3
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JAMA
September 19, 2023, Vol 330, No. 11, Pages 1023-1107
https://jamanetwork.com/journals/jama/currentissue
[New issue; No digest content identified]

JAMA Health Forum
September 2023, Vol 4, No. 9
https://jamanetwork.com/journals/jama-health-forum/issue
[Reviewed earlier]

JAMA Pediatrics
September 2023, Vol 177, No. 9, Pages 877-985
https://jamanetwork.com/journals/jamapediatrics/currentissue
[Reviewed earlier]

JBI Evidence Synthesis
September 2023 - Volume 21 - Issue 9
https://journals.lww.com/jbisrir/Pages/currenttoc.aspx
Methodology
Guidance to best tools and practices for systematic reviews
Kolaski, Kat; Logan, Lynne Romeiser; Ioannidis, John P.A.
JBI Evidence Synthesis. 21(9):1699-1731, September 2023.

Journal of Adolescent Health
September 2023 Volume 73 Issue 3 p401-610
https://www.jahonline.org/current
[Reviewed earlier]

Journal of Artificial Intelligence Research
Vol. 77 (2023)
https://www.jair.org/index.php/jair
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[Reviewed earlier]

Journal of Community Health
Volume 48, issue 5, October 2023
[Reviewed earlier]

Journal of Current Medical Research and Opinion
...a peer-reviewed, international journal for the rapid publication of original research on new and existing drugs and therapies, and post-marketing investigations. Equivalence, safety and efficacy/effectiveness studies are especially encouraged.
June 18, 2023 Vol 6, No 06 (2023)
https://www.cmro.in/index.php/jcmro/issue/view/68
[Reviewed earlier]

Journal of Development Economics
Volume 164 September 2023
[Reviewed earlier]

Journal of Empirical Research on Human Research Ethics
Volume 18 Issue 4, October 2023
http://journals.sagepub.com/toc/jre/current
Ethical Issues in Research in Low and Middle-Income Countries
[Reviewed earlier]

Journal of Epidemiology & Community Health
August 2023 - Volume 77 - 8
https://jech.bmj.com/content/77/8
[Reviewed earlier]
The Journal of Pediatrics
Volume 261, October 2023
[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice
https://joppp.biomedcentral.com/
[Accessed 23 Sep 2023]
[No new digest content identified]

Journal of Public Health Management & Practice
September/October 2023 - Volume 29 - Issue 5
https://journals.lww.com/jphmp/pages/currenttoc.aspx
[Reviewed earlier]

Journal of Public Health Policy
Volume 44, issue 3, September 2023
https://link.springer.com/journal/41271/volumes-and-issues/44-3
[Reviewed earlier]

Journal of the Royal Society – Interface
September 2023  Volume 20  Issue 206
https://royalsocietypublishing.org/toc/rsif/current
[Reviewed earlier]

Journal of Travel Medicine
Volume 30, Issue 5, July 2023
https://academic.oup.com/jtm/issue
[Reviewed earlier]

Journal of Virology
Volume 97 • Number 7 • July 2023
http://jvi.asm.org/content/current
[Reviewed earlier]

The Lancet
Sep 23, 2023  Volume 402  Number 10407  p1017-1106
https://www.thelancet.com/journals/lancet/issue/current
Editorial
Protecting the integrity of WHO’s regional offices
The Lancet

Global health is in crisis. Widening inequalities, a growing burden of non-communicable diseases, and the danger of future pandemics are compounded by a climate crisis and multiple geopolitical conflicts. AIDS, tuberculosis, and malaria, together with preventable deaths among women and children, remain urgent concerns. Food insecurity is growing. Meanwhile, consistent financing for health is under constant threat. Effective leadership from WHO, the only legitimate multilateral agency dedicated to protecting and advancing health, is crucial. But balancing global priorities while meeting the needs of six diverse WHO regions is a difficult challenge. Strong regional and country offices are increasingly important, yet a question hangs ominously over their future: how should regional leadership and governance be improved to ensure that regional and country priorities are addressed effectively?

Comment
Offline: Political declarations—clichés and lies
Richard Horton

Let me concede this point: writing political declarations for intergovernmental meetings is a demanding and often thankless challenge. I was once part of a team tasked with summarising deliberations at a Ministerial Summit on Health Research, held in Mexico in 2004. The goal of the meeting was to go beyond traditional conceptions of health research. We endorsed the importance of basic medical science and clinical investigation. But we also sought to persuade governments to take health systems research more seriously. We wanted ministers to advocate for research-literate decision makers and to support patient participation in research governance. Through multiple drafts we thought we achieved, with some linguistic agility, most of our goals. Health systems research had, at least politically, come of age. So, when one reads the three Political Declarations published to coincide with High-Level Meetings at the UN General Assembly in New York this week—on pandemic prevention, universal health coverage (UHC), and tuberculosis—one cannot help but be struck by the bland, indeed narcotic, nature of the language agreed by ministerial negotiating teams. These Declarations say nothing new. They offer no fresh commitments. They recycle ancient promises. Even worse, they are riven with clichés and lies...

Health Policy
Increasing compliance with international pandemic law: international relations and new global health agreements
Matthew M Kavanagh, et al.

Summary
Across multiple pandemics, global health governance institutions have struggled to secure the compliance of states with international legal and political commitments, ranging from data sharing to observing WHO guidance to sharing vaccines. In response, governments are negotiating a new pandemic treaty and revising the International Health Regulations. Achieving compliance remains challenging, but international relations and international law research in areas outside of health offers insights. This Health Policy analyses international relations research on the reasons why states comply with international law, even in the absence of sanctions. Drawing on human rights, trade, finance, tobacco, and environmental law, we categorise compliance mechanisms as police patrol, fire alarm, or community organiser models. We show that, to date, current and proposed global health law incorporates only a few of the mechanisms that have shown to be effective in other areas. We offer six specific, politically feasible mechanisms for new international agreements that, together, could create compliance pressures to shift state behaviour.
Lancet Digital Health  
Sep 2023  Volume 5  Number 9e  545-e631  
https://www.thelancet.com/journals/landig/issue/current 
[Reviewed earlier]

Lancet Global Health  
Sep 2023  Volume 11  Number 9  e1314-e1474  
https://www.thelancet.com/journals/langlo/issue/current  
[Reviewed earlier]

Lancet Infectious Diseases  
Sep 2023  Volume 23  Number 9  p983-1094, e326-e389  
https://www.thelancet.com/journals/laninf/issue/current 
[Reviewed earlier]

Lancet Public Health  
Sep 2023  Volume 8  Number 9  e659-e742  
https://www.thelancet.com/journals/lanpub/issue/current 
[Reviewed earlier]

Lancet Respiratory Medicine  
Sep 2023  Volume 11  Number 9  p755-850, e78-e83  
https://www.thelancet.com/journals/lanres/issue/current 
[New issue; No digest content identified]

Maternal and Child Health Journal  
Volume 27, issue 9, September 2023  
[Reviewed earlier]

Medical Decision Making (MDM)  
Volume 43 Issue 6, August 2023  
http://mdm.sagepub.com/content/current  
[Reviewed earlier]

The Milbank Quarterly  
A Multidisciplinary Journal of Population Health and Health Policy  
Volume 101, Issue 3  Pages: 637-998  September 2023  
https://onlinelibrary.wiley.com/toc/14680009/current

Perspectives  
Towards a Values-Informed Approach to Complexity in Health Care: Hermeneutic Review  
TRISHA GREENHALGH, EIVIND ENGBRETSEN, ROLAND BAL, SOFIA KJELLSTRÖM
Policy Points
- The concept of value complexity (complexity arising from differences in people's worldviews, interests, and values, leading to mistrust, misunderstanding, and conflict among stakeholders) is introduced and explained.
- Relevant literature from multiple disciplines is reviewed.
- Key theoretical themes, including power, conflict, language and framing, meaning-making, and collective deliberation, are identified.
- Simple rules derived from these theoretical themes are proposed

**Molecular Therapy**
Sep 06, 2023 Volume 31 Issue 9 p2553-2812
https://www.cell.com/molecular-therapy/current
[Reviewed earlier]

**Nature**
Volume 621 Issue 7979, 21 September 2023
https://www.nature.com/nature/volumes/621/issues/7979
Editorial 19 Sept 2023
**Why the pandemic treaty risks becoming COVID-19 groundhog day**
Talks are stalling, but everyone benefits when the fruits of vaccine and drugs research are shared equitably.

Proclamations of equity and solidarity will be heard this week as diplomats meet at the United Nations headquarters in New York City to talk about preparing for future pandemics. But these will be hollow sentiments. In spite of a promising start to talks on the world’s first treaty on pandemic prevention and preparedness, negotiations have stalled. Tensions between countries are so high that an agreement by the target date of May 2024 is now unlikely.

Compromise must be found. Without a treaty, the world will remain as unprepared for the next pandemic as it was for COVID-19, which killed roughly 7 million people and cost the global economy more than US$12 trillion. But there can be no compromise on one thing: there must be equity in access to vaccines, medicines and other supplies needed to save lives. This issue has been the chief sticking point in the negotiations so far...

**Article** Open Access 13 Sept 2023
**Child wasting and concurrent stunting in low- and middle-income countries**
An analysis of longitudinal cohort data across diverse populations suggests that the incidence of wasting between birth and 24 months is higher than previously thought, and highlights the role of seasonal factors that affect child growth.
Andrew Mertens, Jade Benjamin-Chung, Pablo Penataro Yori

**Nature Biotechnology**
Volume 41 Issue 9, September 2023
https://www.nature.com/nbt/volumes/41/issues/9
[Reviewed earlier]

**Nature Communications**
https://www.nature.com/subjects/health-sciences/ncomms
**Nature Genetics**  
Volume 55 Issue 9, September 2023  
https://www.nature.com/ng/volumes/55/issues/9  
[Reviewed earlier]

**Nature Human Behaviour**  
Volume 7 Issue 9, September 2023  
https://www.nature.com/nathumbehav/volumes/7/issues/9  
*Article*  17 July 2023  
**A taxonomy of anti-vaccination arguments from a systematic literature review and text modelling**  
Angelo Fasce et al. conducted a systematic literature review and applied natural language processing methods to develop a taxonomy that relates anti-vaccination arguments to their psychological roots.  
Angelo Fasce, Philipp Schmid, Stephan Lewandowsky

*Article*  17 July 2023  
**Intermediate levels of scientific knowledge are associated with overconfidence and negative attitudes towards science**  
Lackner et al. show that individuals with an intermediate level of science knowledge tend to have overconfidence in their own knowledge and negative attitudes to science.  
Simone Lackner, Frederico Francisco, Joana Gonçalves-Sá

*Article*  29 June 2023  
**Understanding and combatting misinformation across 16 countries on six continents**  
Across 16 countries, this research finds consistent cognitive and social predictors of COVID-19 misinformation susceptibility, and shows how accuracy prompts and literacy tips reduce misinformation sharing and how wisdom of crowds can identify false claims cross-culturally.  
Antonio A. Arechar, Jennifer Allen, David G. Rand

**Nature Medicine**  
Volume 29 Issue 9, September 2023  
https://www.nature.com/nm/volumes/29/issues/9  
[Reviewed earlier]

**Nature Reviews Drug Discovery**  
Volume 22 Issue 9, September 2023  
https://www.nature.com/nrd/volumes/22/issues/9  
[Reviewed earlier]

**Nature Reviews Genetics**  
Volume 24 Issue 9, September 2023  
https://www.nature.com/nrg/volumes/24/issues/9  
[Reviewed earlier]
Perspective

Both technological innovations and cultural change are key to a sustainability transition

Navin Ramankutty

| published 21 Sep 2023 PLOS Biology
https://doi.org/10.1371/journal.pbio.3002298

Transitioning to sustainability will require technological innovations in the short term, but also cultural change to embrace traditional and Indigenous ideas of respect, responsibility, sufficiency, and reciprocity to reduce consumption in the long term.

Identification and analysis of individuals who deviate from their genetically-predicted phenotype
Gareth Hawkes, Loic Yengo, Sailaja Vedantam, Eirini Marouli, Robin N. Beaumont, the GIANT Consortium, Jessica Tyrrell, Michael N. Weedon, Joel Hirschhorn, Timothy M. Frayling, Andrew R. Wood
Research Article | published 21 Sep 2023 PLOS Genetics
https://doi.org/10.1371/journal.pgen.1010934

PLoS Global Public Health
https://journals.plos.org/globalpublichealth/search?sortOrder=DATE_NEWEST_FIRST&filterStartDate=2021-10-01&filterJournals=PLOSGlobalPublicHealth&q=&resultsPerPage=60
(Accessed 23 Sep 2023)
COVID-19 vaccine uptake and associated factors among adolescents and youths: Findings and implications for future vaccination programmes
Research Article | published 20 Sep 2023 PLOS Global Public Health
https://doi.org/10.1371/journal.pgph.0002385

Global public health intelligence: World Health Organization operational practices
Review | published 20 Sep 2023 PLOS Global Public Health
https://doi.org/10.1371/journal.pgph.0002359

Years of life lost to COVID-19 in 49 countries: A gender- and life cycle-based analysis of the first two years of the pandemic
Oscar Espinosa, Jeferson Ramos, Maylen Liseth Rojas-Botero, Julián Alfredo Fernández-Niño
Research Article | published 18 Sep 2023 PLOS Global Public Health
https://doi.org/10.1371/journal.pgph.0002172

PLoS Medicine
http://www.plosmedicine.org/
(Accessed 23 Sep 2023)
[No new digest content identified]

PLoS Neglected Tropical Diseases
http://www.plosntds.org/
(Accessed 23 Sep 2023)
[No new digest content identified]

PLoS One
http://www.plosone.org/
[Accessed 23 Sep 2023]
Public Health Reports
Volume 138 Issue 5, September/October 2023
https://journals.sagepub.com/toc/phrg/138/5
[Reviewed earlier]

Qualitative Health Research
Volume 33 Issue 11, September 2023
https://journals.sagepub.com/toc/QHR/current
[New issue; No digest content identified]

Research Ethics
Volume 19 Issue 3, July 2023
http://journals.sagepub.com/toc/reab/current
[Reviewed earlier]

Reproductive Health
http://www.reproductive-health-journal.com/content
[Accessed 23 Sep 2023]
[No new digest content identified]

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (RPSP/PAJPH)
https://www.paho.org/journal/en
Selected Articles
[No new digest content identified]

Risk Analysis
Volume 43, Issue 9  Pages: 1709-1916  September 2023
https://onlinelibrary.wiley.com/toc/15396924/current
[Reviewed earlier]

Risk Management and Healthcare Policy
[Accessed 23 Sep 2023]
[Reviewed earlier]

Science
Volume 381| Issue 6664| 22 Sep 2023
https://www.science.org/toc/science/current
In Depth
Polio eradication effort struggles with end game
BY Jon Cohen
21 Sep 2023: 1271-1272
Tom Frieden, co-author of critical new report, explains the repeated failures of decadeslong campaign

Science and Engineering Ethics
Volume 29, issue 5, October 2023
[Reviewed earlier]

Science Translational Medicine
Volume 15| Issue 714| 20 Sep 2023
https://www.science.org/toc/stm/current
[New issue; No digest content identified]

Scientific Reports
https://www.nature.com/srep/articles?type=article
[Accessed 23 Sep 2023]
[No new digest content identified]

Social Science & Medicine
Volume 332  September 2023
[Reviewed earlier]

Systematic Reviews
https://systematicreviewsjournal.biomedcentral.com/articles
[Accessed 23 Sep 2023]
[No new digest content identified]

Theoretical Medicine and Bioethics
Volume 44, issue 4, August 2023
https://link.springer.com/journal/11017/volumes-and-issues/44-4
[Reviewed earlier]

Travel Medicine and Infectious Diseases
Volume 54  July–August 2023
[Reviewed earlier]

Tropical Medicine & International Health
Volume 28, Issue 9  Pages: i-iv, 689-796  September 2023
https://onlinelibrary.wiley.com/toc/13653156/current
Conference info  Abstract only

Report from an ICT 2022 workshop on toxicology for Covid19 vaccines: Industry, regulatory and CRO perspectives
S. Gould, C. Wrzesinski, R. Stebbings, L. Segal
Pages 5919-5924

Discussion  Abstract only

Vaccine microarray patch self-administration: An innovative approach to improve pandemic and routine vaccination rates
E. Hacker, B. Baker, T. Lake, C. Ross, ... A. Forster
Pages 5925-5930

Discussion

Challenges & opportunities for the epidemiological evaluation of the effects of COVID-19 vaccination on reproduction and pregnancy
Annette K. Regan, Deshayne B. Fell, Lauren A. Wise, Gabriela Vazquez-Benitez, ... Ousseny Zerbo
Pages 5931-5935

Review article  Open access

Pertussis immunisation strategies to optimise infant pertussis control: A narrative systematic review
Elise Tessier, Daniel Newport, Anh Tran, Sophie G. Nash, ... Daniel Todkill
Pages 5957-5964

Research article  Abstract only

Mumps vaccine hesitancy: Current evidence and an evidence-based campaign in Japan
Satoko Ugai, Tomotaka Ugai, Tetsuya Kanayama, Hajime Kamiya, ... Natalie Slopen
Pages 6036-6041

Research article  Open access

Pertussis in Mexico from 2000 to 2019: A real-world study of incidence, vaccination coverage, and vaccine effectiveness
Gilberto Sánchez-González, Gerardo Luna-Casas, Cesar Mascareñas, Denis Macina, Juan C. Vargas-Zambrano
Pages 6105-6111

Vaccines
https://www.mdpi.com/journal/vaccines
[Accessed 23 Sep 2023]

Latest Articles [Selected]

Open Access Article

Systematic Mapping of Research on Vaccine-Preventable Diseases in Children in Sub-Saharan Africa: A Decennial Scientometric Analysis
by Chidozie Declan Iwu, et al.
Vaccines 2023, 11(9), 1507; https://doi.org/10.3390/vaccines11091507
Abstract
Vaccine-preventable diseases (VPDs) remain a significant public health challenge, particularly in sub-Saharan Africa. The high burden of VPDs in this region necessitates the need for continued investigation and intervention. This paper presents a bibliometric analysis of research on VPDs in children in sub-Saharan Africa in the last 10 years to capture the current state of research in the field. This study used a systematic search for articles published between 2013 and 2022 in the Web of Science Core Collection database and, subsequently, scientometric techniques for data analyses and interpretation. Annual scientific production of publications on the research of VPDs in children in sub-Saharan Africa increased from 2013 to 2019 and then gradually declined. South Africa had the most VPD studies (n = 148; 16.2%), followed by Nigeria, Ghana, Kenya, The Gambia, Malawi, Ethiopia, and the Republic of Congo. The Vaccine journal published the most. The Pan African Medical Journal was the most frequent destination journal based in Africa. The commonly studied pathogens were Streptococcus pneumoniae and Haemophilus influenzae. Research productivity increased exponentially in the pre-COVID era and declined in the past two years, so more VPD research in this region is needed.

Value in Health
September 2023 Volume 26 Issue 9 p1283-1434
https://www.valueinhealthjournal.com/current
[Reviewed earlier]

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:: WHO
:: Organization Announcements
:: Journal Watch
:: Pre-Print Servers

Pre-Print Servers
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[Accessed 23 Sep 2023]
Selected Research
No new digest content identified.

medRxiv
https://www.medrxiv.org/content/about-medrxiv
[Accessed 23 Sep 2023]
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Selected Research
Immunization Staff Training Needs Assessment: An Overview Of Findings From Cameroon
Amani Adidja, Nchinjoh Sangwe Clovis, Jessica Gu, Fabrice Zobel Lekeumo Cheyem, Nadege Nnang Nnang Edwige, Marius Marius Vouking, Jude NKwain Muteh, Valirie Ndip Ndip Agbor, Mbanga
We observe increasing levels of “posting pollution” by individuals, sometimes posting 10+ items of no value. We will resume selective monitoring beginning in September.
Background: Melioidosis is a bacterial infection which kills an estimated 89,000 people per year in tropical and sub-tropical regions, chiefly affecting the poorest. Diabetes is the primary risk factor, conferring a 12-fold increase in risk. Despite limited funding compared to other neglected tropical diseases, melioidosis vaccine development has generated several candidates for clinical development. The most promising is CPS-CRM197/Hcp1, which will be the first to enter a phase I clinical trial, taking place in Oxford in 2023/24. As we move closer to the possibility of an effective melioidosis vaccine, it is critical to work in parallel to understand perceptions toward a vaccine among those living where melioidosis rates are high. Reasons for vaccine acceptance versus hesitancy are complex, and include perceived risk of the target disease, concern about side effects, and above all trust in government, scientists, the pharmaceutical industry and other authorities.

Review   Open Access
REVISED- Public engagement with genomics [version 2; peer review: 1 approved with reservations]
Anna Middleton, et al.
Abstract
As detailed in its flagship report, Genome UK, the UK government recognises the vital role that broad public engagement across whole populations plays in the field of genomics. However, there is limited evidence about how to do this at scale. Most public audiences do not feel actively connected to science, are often unsure of the relevance to their lives and rarely talk to their family and friends about it; we term this dis-connection a ‘disengaged public audience’. We use a narrative review to explore: (i) UK attitudes towards genetics and genomics and what may influence reluctance to engage with these topics; (ii) innovative public engagement approaches that have been used to bring diverse public audiences into conversations about the technology. Whilst we have found some novel engagement methods that have used participatory arts, film, social media and deliberative methods, there is no clear agreement on best practice. We did not find a consistently used, evidence-based strategy for delivering public engagement about genomics across diverse and broad populations, nor a specific method that is known to encourage engagement from groups that have historically felt (in terms of perception) and been (in reality) excluded from genomic research. We argue there is a need for well-defined, tailor-made engagement strategies that clearly articulate the audience, the purpose and the proposed impact of the engagement intervention. This needs to be coupled with robust evaluation frameworks to build the evidence-base for population-level engagement strategies.

* * * * *

Think Tanks

Brookings  [to 23 Sep 2023]
http://www.brookings.edu/
Research
No new digest content identified.

Center for Global Development  [to 23 Sep 2023]
https://www.cgdev.org/
All Research [Selected]
REPORTS
A New Grand Bargain to Improve the Antimicrobial Market for Human Health
Anthony McDonnell et al.
September 20, 2023
In our final working group report, we outline the principles of a Grand Bargain that we believe all stakeholders can and should sign up to during the UN General Assembly's High-Level Meeting on antimicrobial resistance in 2024. Explore our recommendations on increasing the availability of critically...

**Chatham House**  [to 23 Sep 2023]
https://www.chathamhouse.org/
Selected Analysis, Comment, Events
No new digest content identified.

**Council on Foreign Relations**  [to 23 Sep 2023]
https://www.cfr.org/media/news-releases
New Releases [Selected]
No new digest content identified.

**CSIS**  [to 23 Sep 2023]
https://www.csis.org/
Selected Reports, Events
No new digest content identified.

**Kaiser Family Foundation**  [to 23 Sep 2023]
https://www.kff.org/search/?post_type=press-release
Newsroom
As Congress Considers Reauthorization of PEPFAR, KFF Examines the Role of Abortion
September 22, 2023 News Release
As Congress considers reauthorization of the President’s Emergency Plan for AIDS Relief (PEPFAR) for a fourth time, KFF explores the debate over abortion policy that has stalled the legislation and the potential implications if Congress does not reauthorize the program. PEPFAR spans more than 50 countries and has been reported...
End of Pandemic-Era Policies in Medicaid Home- and Community-Based Services Could Challenge Family Caregivers and Enrollees
September 19, 2023 News Release
Family caregivers played a key role in supporting people who used Medicaid home- and community-based services (HCBS) during the COVID pandemic. Many states used new pandemic-era authorities to support and pay family caregivers and maintain services in other ways amid workforce shortages and other challenges. Now, several states are ending...

**McKinsey Global Institute**  [to 23 Sep 2023]
https://www.mckinsey.com/mgi/overview
Latest Research
No new digest content identified.

**ODI [Overseas Development Institute]**  [to 23 Sep 2023]
Publications [Selected]
Public Trust in Government: 1958-2023

Public trust in the federal government, which has been low for decades, has returned to near record lows following a modest uptick in 2020 and 2021. Currently, fewer than two-in-ten Americans say they trust the government in Washington to do what is right “just about always” (1%) or “most of the time” (15%). This is among the lowest trust measures in nearly seven decades of polling. Last year, 20% said they trusted the government just about always or most of the time.

Country-Level Sociodemographic Characteristics and Availability of COVID-19 Therapeutic Drugs

We investigated geospatial patterns of COVID-19 therapeutic drugs to assess possible sociodemographic-based disparities across US counties.

Sep 22, 2023


Building the Evidence Base for Advancing Vaccine Equity: Findings from the P4VE Promising Practices Project
Since 2021, the Partnering for Vaccine Equity (P4VE) program, funded by the Centers for Disease Control and Prevention (CDC), has addressed racial and ethnic disparities in adult COVID-19 and influenza vaccination. Within P4VE, the Building the Evidence Base for Promising Practices (Promising Practices) project supported national, state, and community organizations in implementing tailored outreach strategies to advance vaccine equity and uptake in their communities.

The project provided grants of up to $25,000 to support 18 P4VE-funded organizations across the United States to develop, implement, and evaluate the effectiveness of a promising practice in one of three areas: (1) media-based outreach, (2) community-based outreach, and (3) vaccine events and partnerships. Grantees began their six-month period of performance in August 2022. Target populations served by the selected organizations included Black, Hispanic/Latinx, East and South Asian, Middle Eastern and Arab, and American Indian communities.

**WHY THIS MATTERS**

Despite society’s growing COVID-19 fatigue, outreach to achieve vaccine equity as part of a broader public health strategy should continue. Providing dedicated funding to support data collection and analysis represents a valuable strategy for improving the effectiveness of outreach efforts.

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**World Economic Forum**  [to 23 Sep 2023]
https://agenda.weforum.org/news/

*Media*

**Amid Fragmentation, Leaders Advance Innovative Public-Private Partnerships to Accelerate SDGs**
News 21 Sep 2023

**Top Organizations Call for New Partnerships to Mobilize $10 Billion to Support Most Vulnerable Communities**
News 21 Sep 2023

**Amid Worsening Food Crisis, Leaders Call to Mobilize Finance for African Agriculture**
News 19 Sep 2023

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

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