



Vaccines and Global Health: The Week in Review
26 August 2023 :: Issue 715
Center for Vaccine Ethics & Policy (CVEP)

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

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

Comments and suggestions should be directed to

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Vaccines and Global Health: The Week in Review resumes publication with this edition following annual leave for the Editor.

Milestones, Perspectives

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Polio

[Polio this week as of 23 August 2023 - GPEI](#)

Headlines

:: At a meeting last week in Gandhinagar, India, G20 Health Ministers affirmed their commitment towards eradicating polio, among other public health priorities. The Ministers highlighted the importance of harmonization and complementarity among global public health initiatives to support both pandemic preparedness and prevention and universal health coverage. [More](#).

Summary of new polioviruses this week:

- Pakistan: one WPV1 positive environmental sample
- Chad: two cVDPV2 cases
- DR Congo: one cVDPV1 case, three cVDPV2 cases and one cVDPV2 positive environmental sample
- Kenya: one cVDPV2 case
- Nigeria: five cVDPV2 positive environmental samples

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[Statement of the Thirty-sixth Meeting of the Polio IHR Emergency Committee](#)

25 August 2023 Statement

[Excerpts]

The thirty-sixth meeting of the Emergency Committee under the International Health Regulations (2005) (IHR) on the international spread of poliovirus was convened by the WHO Director-General on 16 August 2023 with committee members and advisers attending via video conference, supported by the WHO Secretariat. The Emergency Committee reviewed the data on wild poliovirus (WPV1) and circulating vaccine derived polioviruses (cVDPV) in the context of global target of eradication of WPV and cessation of outbreaks of cVDPV2 by the end of 2023. **Technical updates were received about the situation in the following countries: Afghanistan, Algeria, Burkino Faso, Kenya, Madagascar, Pakistan, United Republic of Tanzania and Zambia...**

...Conclusion

Although encouraged by the reported progress, the **Committee unanimously agreed that the risk of international spread of poliovirus still remains a Public Health Emergency of International Concern (PHEIC) and recommended the extension of Temporary Recommendations for a further three months.**

The Committee considered the following factors in reaching this conclusion:

Ongoing risk of WPV1 international spread:

Based on the following factors, the risk of international spread of WPV1 remains:

- the ongoing transmission in eastern Afghanistan with cross border spread into Pakistan;
- the large pool of unvaccinated 'zero dose' children in southern Afghanistan constitutes an ongoing risk of WPV1 re-introduction into the southern region;

- the importation of WPV1 from Pakistan into Malawi and Mozambique, noting that the exact route of the virus remains unknown;
- sub-optimal immunization coverage achieved during campaigns in southeastern Africa, in Malawi, Mozambique, Zambia and Zimbabwe, meaning there may be insufficient population immunity to halt transmission;
- although surveillance has improved, some gaps in the outbreak response zone means that such transmission may be missed;
- pockets of insecurity and inaccessibility in the remaining endemic transmission zones.

Ongoing risk of cVDPV international spread:

Based on the following factors, the risk of international spread of cVDPV2 appears to remain high:

- the ongoing outbreaks of cVDPV1 and cVDPV2 in eastern Democratic Republic of the Congo, which has caused international spread to neighbouring countries;
- the large outbreaks of cVDPV1 particularly in DR Congo and Madagascar and the insufficient number and quality of bOPV immunization response campaigns to date;
- the long distance spread by air travel of cVDPV2 between Israel, the United Kingdom, the USA, and Canada;
- the ever-widening gap in global population intestinal mucosal immunity in young children in many countries since the withdrawal of OPV2 in 2016;
- insecurity and inaccessibility in those areas that are the primary sources of cVDPV transmission.

Other factors include

- Weak routine immunization: Many countries have weak immunization systems that were further impacted by the COVID-19 pandemic but are gradually recovering. These services can be further affected by humanitarian emergencies including conflict, and protracted complex emergencies pose a continued risk, leaving populations in these fragile areas vulnerable to polio outbreaks.
- Lack of access: Inaccessibility continues to be a risk, particularly in northern Yemen and south central Somalia, which have sizable populations that have been unreached with polio vaccine for extended periods of more than a year, but violence remains an issue for campaign workers in several areas, including in Pakistan...

...Additional considerations

The Committee recognizes the concerns regarding the lengthy duration of the polio PHEIC and the importance of exploring alternative measures, including convening a polio IHR Review Committee to advise the WHO Director-General on the possible issuance of standing recommendations, and encourages further discussion regarding these alternatives. Nevertheless, **the Committee felt it was still too early to discontinue the PHEIC as the risk of exportation of both WPV and cVDPVs remains significant and the removal of the PHEIC may send the wrong message at this critical juncture in polio eradication.**

Noting the acute humanitarian crises still unfolding in **Afghanistan**, the committee strongly encouraged house to house campaigns be implemented wherever feasible as these campaigns enhance identification and coverage of zero dose and under-immunized children. The committee noted and strongly supported the ongoing use of female vaccinators, enhancing access to households, with female participation as front line health workers increasing.

The Committee noted with concern the new conflict areas in Sudan and West Africa that are disrupting health services and creating a new refugee crisis in neighboring countries. This situation

must be closely monitored, as many of the neighboring countries already have cVDPV outbreaks resulting from low essential immunization coverage. More generally, noting the negative impact that the COVID-19 pandemic has had on essential immunization coverage in many of the polio affected countries, **the committee stressed the importance of restoring essential immunization coverage**. The committee recognized that border vaccination may not be feasible at very porous borders between some affected African countries but was concerned by the lack of synchronization and cross border coordination in Africa. **The committee is concerned by conflicts and insecurity in many of the infected countries as such circumstances allows the polioviruses to elude control in countries such as Yemen, Nigeria, Dr Congo, Mozambique and Sudan.**

The emergency committee noted that Madagascar has not yet declared the polio outbreak as a national public health emergency. There is continued cVDPV1 transmission in the country for several years, indicating that the vaccination response did not achieve the quality required to stop the polio outbreak.

Overall, the committee once again noted that many of the members states affected by WPV1 or cVDPV outbreaks have either low overall coverage or low subnational coverage. The committee was gravely concerned by the lengthy outbreak in **Madagascar**, and the lack of timely and high quality response.

The committee urged the polio program to strengthen all aspects of surveillance, noting that significant gaps remain in many affected countries, and to continue to address delays in specimens being transported for testing for polioviruses, leading to problems with specimen quality.

Based on the current situation regarding WPV1 and cVDPVs, and the reports provided by affected countries, **the Director-General accepted the Committee's assessment and on 23 August 2023 determined that the poliovirus situation continues to constitute a PHEIC with respect to WPV1 and cVDPV.**

The Director-General endorsed the Committee's recommendations for countries meeting the definition for 'States infected with WPV1, cVDPV1 or cVDPV3 with potential risk for international spread', 'States infected with cVDPV2 with potential risk for international spread' and for 'States no longer infected by WPV1 or cVDPV, but which remain vulnerable to re-infection by WPV or cVDPV' and extended the Temporary Recommendations under the IHR to reduce the risk of the international spread of poliovirus, effective 23 August 2023.

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Featured Journal Content

Lancet Infectious Diseases

Articles / Online First

[Seasonal vaccination with RTS,S/AS01E vaccine with or without seasonal malaria chemoprevention in children up to the age of 5 years in Burkina Faso and Mali: a double-blind, randomised, controlled, phase 3 trial](#)

Prof Alassane Dicko, MD *, Prof Jean-Bosco Ouedraogo, PhD *, Matthew Cairns, PhD , Rakiswendé Serge Yerbanga, PhD , et al.

Open Access Published: August 22, 2023 DOI: [https://doi.org/10.1016/S1473-3099\(23\)00368-7](https://doi.org/10.1016/S1473-3099(23)00368-7)

Summary

Background

Seasonal vaccination with the RTS,S/AS01E vaccine combined with seasonal malaria chemoprevention (SMC) prevented malaria in young children more effectively than either intervention given alone over a 3 year period. The objective of this study was to establish whether the added protection provided by the combination could be sustained for a further 2 years.

Methods

This was a double-blind, individually randomised, controlled, non-inferiority and superiority, phase 3 trial done at two sites: the Bougouni district and neighbouring areas in Mali and Houndé district, Burkina Faso. Children who had been enrolled in the initial 3-year trial when aged 5–17 months were initially randomly assigned individually to receive SMC with sulphadoxine-pyrimethamine and amodiaquine plus control vaccines, RTS,S/AS01E plus placebo SMC, or SMC plus RTS,S/AS01E. They continued to receive the same interventions until the age of 5 years. The primary trial endpoint was the incidence of clinical malaria over the 5-year trial period in both the modified intention-to-treat and per-protocol populations. Over the 5-year period, non-inferiority was defined as a 20% increase in clinical malaria in the RTS,S/AS01E-alone group compared with the SMC alone group. Superiority was defined as a 12% difference in the incidence of clinical malaria between the combined and single intervention groups. The study is registered with [ClinicalTrials.gov](https://clinicaltrials.gov/ct2/show/study/NCT04319380), NCT04319380, and is complete.

Findings

In April, 2020, of 6861 children originally recruited, 5098 (94%) of the 5433 children who completed the initial 3-year follow-up were re-enrolled in the extension study. Over 5 years, the incidence of clinical malaria per 1000 person-years at risk was 313 in the SMC alone group, 320 in the RTS,S/AS01E-alone group, and 133 in the combined group. The combination of RTS,S/AS01E and SMC was superior to SMC (protective efficacy 57·7%, 95% CI 53·3 to 61·7) and to RTS,S/AS01E (protective efficacy 59·0%, 54·7 to 62·8) in preventing clinical malaria. RTS,S/AS01E was non-inferior to SMC (hazard ratio 1·03 [95% CI 0·95 to 1·12]). The protective efficacy of the combination versus SMC over the 5-year period of the study was very similar to that seen in the first 3 years with the protective efficacy of the combination versus SMC being 57·7% (53·3 to 61·7) and versus RTS,S/AS01E-alone being 59·0% (54·7 to 62·8). The comparable figures for the first 3 years of the study were 62·8% (58·4 to 66·8) and 59·6% (54·7 to 64·0%), respectively. Hospital admissions for WHO-defined severe malaria were reduced by 66·8% (95% CI 40·3 to 81·5), for malarial anaemia by 65·9% (34·1 to 82·4), for blood transfusion by 68·1% (32·6 to 84·9), for all-cause deaths by 44·5% (2·8 to 68·3), for deaths excluding external causes or surgery by 41·1% (–9·2 to 68·3), and for deaths from malaria by 66·8% (–2·7 to 89·3) in the combined group compared with the SMC alone group. No safety signals were detected.

Interpretation

Substantial protection against malaria was sustained over 5 years by combining seasonal malaria vaccination with seasonal chemoprevention, offering a potential new approach to malaria control in areas with seasonal malaria transmission.

Funding

UK Joint Global Health Trials and PATH's Malaria Vaccine Initiative (through a grant from the Bill & Melinda Gates Foundation).



Featured Journal Content

Vaccine

Available online 1 August 2023 In Press, Corrected Proof open access

Modeling the impact of vaccination for the immunization Agenda 2030: Deaths averted due to vaccination against 14 pathogens in 194 countries from 2021 to 2030

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<https://doi.org/10.1016/j.vaccine.2023.07.033>Get rights and content

Abstract

Background

The Immunization Agenda 2030 (IA2030) Impact Goal 1.1. aims to reduce the number of future deaths averted through immunization in the next decade. To estimate the potential impact of the aspirational coverage targets for IA2030, we developed an analytical framework and estimated the number of deaths averted due to an ambitious vaccination coverage scenario from 2021 to 2030 in 194 countries.

Method

A demographic model was used to determine annual age-specific mortality estimates associated with vaccine coverage rates. For ten pathogens (Hepatitis B virus, Haemophilus influenzae type B, human papillomavirus, Japanese encephalitis, measles, Neisseria meningitidis serogroup A, Streptococcus pneumoniae, rotavirus, rubella, yellow fever), we derived single measures of country-, age-, and pathogen-specific relative risk of deaths conditional upon coverage rates, leveraging the data from 18 modeling groups as part of the Vaccine Impact Model Consortium (VIMC) for 110 countries. We used a logistic regression model to extrapolate the relative risk estimates to countries that were not modeled by VIMC. For four pathogens (diphtheria, tetanus, pertussis and tuberculosis), we used estimates from the Global Burden of Disease 2019 study and existing literature on vaccine efficacy. A future scenario defining years of vaccine introduction and scale-up needed to reach aspirational targets was developed as an input to estimate the long-term impact of vaccination taking place from 2021 to 2030.

Findings

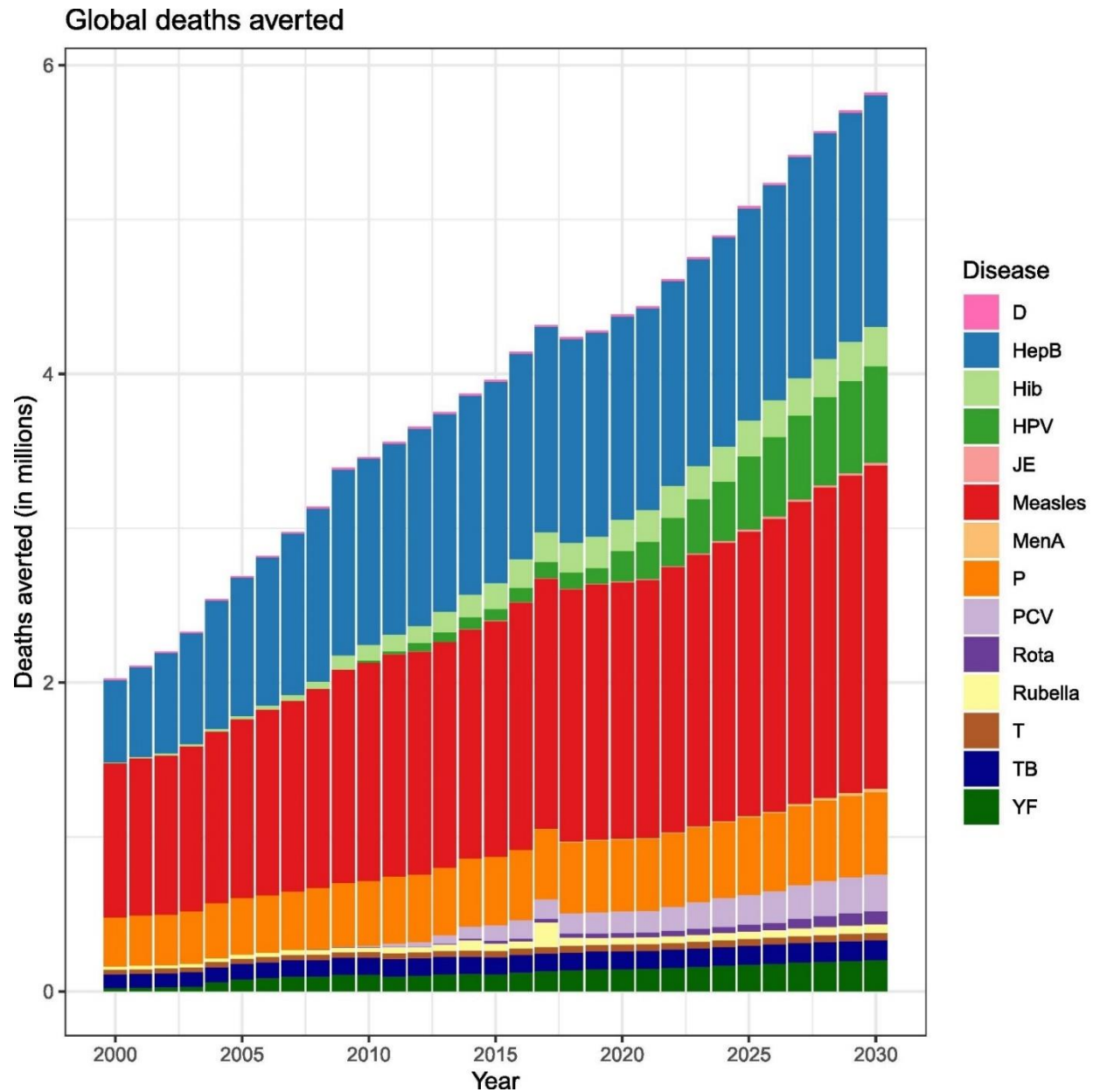
Overall, an estimated 51.5 million (95 % CI: 44.0–63.2) deaths are expected to be averted due to vaccinations administered between the years 2021 and 2030. With immunization coverage projected to increase over 2021–2030 an average of 5.2 million per year (4.4–6.3) deaths will be averted annually, with 4.4 million (3.9–5.1) deaths be averted for the year 2021, gradually rising to 5.8 million (4.9–7.5) deaths averted in 2030. The largest proportion of deaths is attributed to Measles and Hepatitis B accounting for 18.8 million (17.8–20.0) and 14.0 million (11.5–16.9) of total deaths averted respectively.

Interpretation

The results from this global analysis demonstrate the substantial potential mortality reductions achievable if the IA2030 targets are met by 2030. Deaths caused by vaccine preventable diseases disproportionately affect LMICs in the African region.

Table 1. 14 pathogens included in the analysis.

No	Pathogen	Universal vaccine ^a	Immunization schedule (in the models)	Models
1	Hepatitis B virus	Yes	Birth dose and three infant doses (<1 year)	Center for Disease Analysis (dynamic); Imperial College London (dynamic); independent model developed by Goldstein and colleagues (static)
2	<i>Haemophilus influenzae</i> type B	Yes	Three infant doses (<1 year)	Johns Hopkins University (static); LSHTM (static)
3	Human papillomavirus	Yes	Two doses for adolescent girls (9–14years)	Harvard School of Public Health (static); LSHTM (static)
4	Japanese encephalitis	No	One infant dose (<1 year)	National University of Singapore (dynamic); University of Notre Dame (dynamic)
5	Measles	Yes	First dose at ≤1 year, second dose at <2years	LSHTM (dynamic); Pennsylvania State University (dynamic)
6	<i>Neisseria meningitidis</i> serogroup A (MenA)	No	One infant dose (<1 year)	University of Cambridge (dynamic); Kaiser Permanente Washington (dynamic)
7	<i>Streptococcus pneumoniae</i> (PCV)	Yes	Three infant doses (<1 year)	Johns Hopkins University (static); LSHTM (static)
8	Rotavirus	Yes	Two infant doses (<1 year)	Emory University (dynamic); LSHTM (static)
9	Rubella	Yes	First dose at <1 year, second dose at <2years	Johns Hopkins University (dynamic); Public Health England (dynamic)
10	Yellow fever	No	One infant dose (<1 year)	Imperial College London (static); University of Notre Dame (static)
11	Diphtheria	Yes	Three infant doses (<1 year)	Data from Global Burden of Disease study
12	Pertussis	Yes	Three infant doses (<1 year)	Data from Global Burden of Disease study
13	Tetanus	Yes	Three infant doses (<1 year)	Data from Global Burden of Disease study
14	TB(BCG)	Yes (only in countries specified)	Birth dose	Data from Global Burden of Disease study



4. Discussion [excerpt]

The results from this analysis demonstrate the potential impact of mortality reductions if the IA2030 targets are met by 2030. The demonstrated benefits in the next decade are grounded on the assumption that countries would make continuous progress towards the aspirational goals of improving vaccine introduction and coverage as well as reducing the number of children completely missing out on vaccination. During the first years of the new decade, disruptions to routine immunization services caused by the COVID-19 pandemic have led to historic backsliding in global vaccination coverage rate likely affecting equity in vaccine access compared to pre-pandemic times [32]. Furthermore, other challenges such as conflict [33], [34], political instability and climate change [35], [36], [37] continue to present significant risks in the future for maintaining achieved vaccination coverage and making progress to attain modelled benefits.

Faced with the urgent need for recovery, all stakeholders at the national, regional and global level should intensify their efforts to implement catch-up vaccination and campaigns to reach missed children, address missed opportunities for vaccination and prevent outbreaks while continuing to build trust in vaccines and immunization. Furthermore, stronger partnerships and concerted action between the representatives from ministries of health, government agencies, pharmaceutical companies, funding entities, civil society organizations, academia, United Nations organizations and agencies will be needed to strengthen immunization programs across the life course embedded within primary health care (PHC), contributing to Universal Health Coverage.

Deaths caused by vaccine preventable diseases disproportionately affect low and lower middle income countries in the African region. It is critical to share the benefits of vaccination among countries in a more equitable manner by increasing access to under-used and new vaccines, reaching the most marginalized and vulnerable populations that are left unprotected against vaccine preventable diseases. As echoed in the previous statements by WHO Member States during the 74th World Health Assembly [38], the achievement of the IA2030 vision will require increased political commitment and investments to extending the benefits of vaccination across the globe, based on robust measurement and monitoring of progress.

The analysis has several limitations. First, the current scope includes 14 pathogens only and does not fully capture all existing vaccines in the national immunization schedules. It is also limited to mortality impact, underestimating the benefits of vaccines through morbidity reductions. Another source of underestimation comes from the exclusion of SIA data since the analytical framework focuses on routine immunization. Since we used the data from low- and middle-income countries for extrapolation to high income countries using the relative risk model, there is uncertainty in the estimates generated for HICs and corresponding vaccines.

Future work by the authors will apply the analytical framework to a broader set of pathogens (including malaria and COVID-19), develop a framework for reliable projection of SIA, and validate modeled estimates from this analysis with empirical data and/or setting-specific modeled evidence specifically from HICs. Group 3 pathogens using disease burden data and vaccine efficacy will benefit from cross-validation with estimates that are directly derived from mathematical models...

...Despite the limitations of the current analysis, **this is the first attempt to develop an analytical framework to extrapolate existing models and data to estimate the full impact of vaccination on a global scale.** In addition, the estimates will contribute to the monitoring and evaluation efforts of the global community. These targets will be compared against estimates using the current model and historical coverage rates to assess the performance. A new target will be set at the midpoint incorporating an expanded scope of pathogens and structural changes with refinement of underlying models and data. Furthermore, global, regional and country partners could use the results for advocacy and resource mobilization efforts to secure commitment and resources needed to achieve the vision of IA2030.

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Gates Foundation Selects Nearly 50 Global Health and Development Projects That Will Contribute to Shaping Equitable Access to AI

Global call for locally led innovation will help build an evidence base for use of artificial intelligence (AI) large language models in low- and middle-income countries to improve the livelihood and well-being of communities globally

SEATTLE (August 9, 2023) – Following an overwhelming response to its most recent Grand Challenges request for proposals, the **Bill & Melinda Gates Foundation today announced a group of nearly 50 grant recipients who are developing global health and development solutions for their communities using AI-enabled large language models (LLMs)**. Guided by the goal of reducing global inequity, the call for proposals specifically targeted researchers and innovators in low- and middle-income countries (LMICs).

Responsible and safe use of AI-driven LLM technology has the potential to help solve some of the world’s toughest health and development challenges. However, for these models to be useful in LMICs, researchers in LMICs need to participate in the design, application, and testing of this technology as it rapidly evolves. A robust evidence base will fill gaps in access and our knowledge about the application of such tools to address problems across LMICs in an equitable way.

“Too often, advances in technology deliver uneven benefits in many parts of the world due to existing patterns of discrimination, inequality, and bias,” said Juliana Rotich, co-founder of iHub, an incubator for Nairobi’s young technology entrepreneurs and who has agreed to serve on the foundation’s new AI Ethics and Safety Advisory committee. “AI is no different, with most of the tools being developed in the Global North using data from lower-resourced regions that is often incomplete or inaccurate. To realize the full potential of AI, it must be developed responsibly and ethically, with the needs of the end user in mind. Solutions can be transformative when they are locally inspired.”

Today’s announcement is part of the foundation’s Grand Challenges program, a family of initiatives fostering innovation to solve pressing global health and development problems. The foundation received more than 1,300 proposals, more than 80% of which were from LMICs, within two weeks of posting its request for proposals.

The nearly **50 selected projects from 17 LMICs** are aligned with the foundation’s goal of fostering a global innovation ecosystem in places where it will have the most impact. Each recipient will receive up to US\$100,000 to advance its research project, for a total of US\$5 million in grants. The findings of these projects will be shared at the Grand Challenges Annual Meeting in Dakar, Senegal, this October.

“The vibrant energy, boundless creativity, and unwavering commitment from innovators to tackle the most vexing challenges has sparked a wave of interest and excitement in the positive impact AI can have in the lives of the vulnerable,” said Zameer Brey, interim deputy director for Technology Diffusion at the Gates Foundation. “These local innovators are harnessing the seismic power of AI and LLMs in ways that can be paradigm-shifting for their local communities and beyond. We believe the most impactful technological advancements include those that begin and end with the people they affect most.” ...

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Cholera

[Children in DR Congo facing worst cholera outbreak in six years, warns UNICEF](#)

Goma, Democratic Republic of the Congo, 18 August 2023 – A spike in conflict and displacement in the eastern Democratic Republic of the Congo is pushing children into the worst cholera crisis since 2017, warns UNICEF.

Across the country, there have been at least 31,342 suspected or confirmed cholera cases and 230 deaths in the first seven months of 2023, many of them children. The worst affected province, North Kivu, has seen more than 21,400 confirmed or suspected cases, including more than 8,000 children under 5 years, according to the Ministry of Public Health. This compares to 5,120 total cases in all of 2022, with 1,200 for children under 5 years.

"The size of the cholera outbreak and the devastation it threatens should ring alarm bells," said Shameza Abdulla, UNICEF DRC Senior Emergency Coordinator, based in Goma. "If urgent action is not taken within the next months, there is a significant risk that the disease will spread to parts of the country that have not been affected for many years. There is also the danger it will continue to spread in displacement sites where systems are already overwhelmed and the population – especially children – is highly vulnerable to illness and – potentially – death. Displaced families have already been through so much."

In a similar situation in 2017, cholera expanded to the entire country, including the capital city, Kinshasa, leading to almost 55,000 cases and more than 1,100 deaths.

The DRC – which shoulders the worst displacement crisis in Africa and among the worst globally, with more than 6.3 million displaced people across the country – has seen more than 1.5 million people, including over 800,000 children, displaced in North Kivu, South Kivu, and Ituri provinces since January 2023.

The displacement camps are generally overcrowded and overstretched, making them ripe for cholera transmission. For example, families living in displacement camps around the provincial capital Goma are facing a massive shortage of water and sanitation: Almost 300,000 people, including 183,000 children, lack access to sufficient water; fewer than a third of people have access to a latrine, meaning 159 people have to share a single latrine...

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Editor's Note:

Below is the latest news item identified on WHO's Cholera webpage at <https://www.who.int/news-room/fact-sheets/detail/cholera>

[Shortage of cholera vaccines leads to temporary suspension of two-dose strategy, as cases rise worldwide](#)

The exceptional decision reflects the grave state of the cholera vaccine stockpile

19 October 2022 *News release*

A strained global supply of cholera vaccines has obliged the International Coordinating Group (ICG) — the body which manages emergency supplies of vaccines — to temporarily suspend the standard

two-dose vaccination regimen in cholera outbreak response campaigns, using instead a single-dose approach.

The pivot in strategy will allow for the doses to be used in more countries, at a time of unprecedented rise in cholera outbreaks worldwide...

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Coronavirus [COVID-19]

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

WHO Weekly Epidemiological and Operational updates

Last update: 16 August 2023

Confirmed cases :: 769 806 130

Confirmed deaths :: 6 955 497

Vaccine doses administered: 13 499 865 692

[Weekly epidemiological update on COVID-19 - 17 August 2023](#)

Overview

In the last 28-day period (17 July to 13 August 2023), over 1.4 million new COVID-19 cases and over 2300 deaths were reported from WHO's six regions, an increase of 63% and a decrease of 56%, respectively, compared to the previous 28 days. As of 13 August 2023, over 769 million confirmed cases and over 6.9 million deaths have been reported globally. While four WHO regions have reported decreases in the number of both cases and deaths, the Western Pacific Region has reported an increase in cases and a decrease in deaths. In the context of high variability in the timeliness of COVID-19 reports produced by Member States in the Americas, as of August 2023 PAHO/WHO has paused its specific COVID-19 Epidemiological Update. Subsequent COVID-19 surveillance will continue through the Influenza and Other Respiratory Viruses bulletin and dashboards available here: <https://www.paho.org/en/topics/influenza-and-other-respiratory-viruses>. Currently, reported cases do not accurately represent infection rates due to the reduction in testing and reporting globally. During this 28-day period, 44% (104 of 234) of countries reported at least one case to WHO – a proportion that has been declining since mid-2022.

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Our World in Data

[Coronavirus \(COVID-19\) Vaccinations](#) [Accessed 26 Aug 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 [32,933](#) are now administered each day.

:: [32.5%](#) of people in low-income countries have received at least one dose.

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MPOX

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

Latest Report:

14 August 2023

[Multi-country outbreak of mpox, External situation report#27 – 14 August 2023](#)

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WHO & Regional Offices [to 26 Aug 2023]

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

[Selected News/Announcements/Statements](#)

25 August 2023 Statement

[Statement of the Thirty-sixth Meeting of the Polio IHR Emergency Committee](#)

24 August 2023 News release

[Launch of the WHO Online Repository of Evidence-Informed Decision-Making \(EIDM\) Tools](#)

24 August 2023 News release

[New WHO Civil Society Commission to strengthen civil society organizations' role in accelerating progress in global health](#)

24 August 2023 Departmental news

[WHO launches a global stakeholder survey on solutions for strengthening clinical trial infrastructure and capacity](#)

19 August 2023 News release

[WHO launches a new Global Initiative on Digital Health supported by the G20 Presidency](#)

19 August 2023 Departmental news

[Global partners commit to advance evidence-based traditional, complementary and integrative medicine](#)

18 August 2023 News release

[Afghanistan's health system suffers critical underfunding, calls for donor support](#)

15 August 2023 Joint News Release

[Statement by Principals of the Inter-Agency Standing Committee](#)

10 August 2023 News release

[WHO convenes first high-level global summit on traditional medicine to explore evidence base, opportunities to accelerate health for all](#)

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region

:: [Protecting every child from poliovirus](#) 23 August 2023

:: [Halting the spread of Ebola through sexual transmission](#) 23 August 2023

Ebola survivor Randall Varney lost nine family members, including his parents and seven siblings, to the virus in just three months in 2014, before himself contracting the disease. After learning that he could still sexually transmit the virus up to 90 days after recovery, he resolved to do everything possible to ensure the safety of his wife.

:: [Integrating COVID-19 vaccines into routine immunization](#) 16 August 2023

By the end of 2022 Liberia's COVID-19 vaccination rate was among the top three in Africa, at 81%. The country had also, at the height of the pandemic, introduced two new vaccines, immunizing more than 1.8 million children against polio and nearly 400 000 against typhoid.

WHO Region of the Americas PAHO

:: 23 Aug 2023

[Update on variant of interest EG.5 and variant under surveillance BA.2.86](#)

There is so far no evidence of increased public health impact relating to these newly identified Omicron sublineages, according to PAHO/WHO. Washington, DC, August 23, 2023 (PAHO)- The Pan American Health Organization (PAHO/WHO) has released a technical note with an update on the newly identified Omicron sublineages. To date, there is no evidence...

:: 16 Aug 2023

[The Americas seek to expand genomic surveillance for dengue, chikungunya and other mosquito-borne viruses](#)

Santo Domingo, 16 August 2023 (PAHO)- Laboratory experts gathered this week in Santo Domingo, Dominican Republic, to discuss increasing the use of tools to detect and monitor mosquito-borne diseases in the Americas. The meeting, led by the Pan American Health Organization (PAHO), comes as some countries in region face large-scale outbreaks of...

:: 9 Aug 2023

[Intercultural, participatory approach key to ensuring health of Indigenous Peoples in the Americas](#)

Washington D.C. 9 August 2023 (PAHO) – On International Day of the World's Indigenous Peoples, tackling the social determinants of health and ensuring an intercultural approach are vital to ensure the health of the Region's Indigenous Populations, urges Pan American Health Organization (PAHO) Director, Dr. Jarbas Barbosa. "The Americas is home to...

WHO South-East Asia Region SEARO

18 August 2023 News release

[Candidates announced for election of next WHO Regional Director for South-East Asia Region](#)

17 August 2023 News release

[WHO South-East Asia Region commits to further enhance efforts to end TB, adopt Gandhinagar Declaration](#)

9 August 2023 News release

[Two WHO supported medical oxygen plants inaugurated in Bhutan](#)

WHO European Region EURO

:: 23 August 2023 News release

[WHO infection prevention and control minimum requirements adopted at national level in Ukraine](#)

:: 22 August 2023 News release

[Strengthening Ukraine's AMR surveillance with WHO support](#)

:: 21 August 2023 Statement

[Statement – Shaking up the status quo that separates different approaches to medicine and health](#)

WHO Western Pacific Region

:: [Parliamentarians: Investment in primary health care is critical to health, social and economic development](#)

23 August 2023 News release

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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.

[23 August 2023 | Measles - Chile](#)

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New WHO Publications

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

Selected

25 August 2023

[Update to requirements for reporting COVID-19 surveillance data under the International Health Regulations...](#)

25 August 2023

[Global surveillance of COVID-19: WHO process for weekly reporting aggregated data, updated 25 August...](#)

24 August 2023

[Report of the first and second meetings of the technical advisory group on malaria elimination and certification...](#)

23 August 2023

[Assessing the effects of digital technologies on health financing and UHC universal health coverage objectives...](#)

22 August 2023

[WHO Global water, sanitation and hygiene: Annual report 2022](#)

21 August 2023

[Testing design principles to improve the usability and impact of WHO guidelines: report of a workshop](#)

18 August 2023

[Considerations for developing a national genomic surveillance strategy or action plan for pathogens with...](#)

18 August 2023

[Clinical management of COVID-19: Living guideline, 18 August 2023](#)

11 August 2023

[Infection prevention and control guideline for Ebola and Marburg disease, August 2023](#)

11 August 2023

[WHO standards for quality, safety and efficacy of health products: stakeholder feedback report](#)

11 August 2023

[Regional framework for reaching the unreached in the Western Pacific \(2022-2030\)](#)

10 August 2023

[Developing enhanced TB public-private mix \(PPM\) data dashboards in high PPM priority countries to ensure...](#)

10 August 2023

[Infection prevention and control in the context of coronavirus disease \(COVID-19\): a living guideline,...](#)

9 August 2023

[Public health resource pack for countries experiencing outbreaks of influenza in animals: revised guidance](#)

8 August 2023

[WHO clinical consortium on healthy ageing 2022: report of consortium meeting, 5-6 December 2022](#)

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USA – HHS, FDA, CDC

HHS

News

[Project NextGen Awards Over \\$1.4 Billion to Develop the Future of COVID-19 Vaccines and Therapeutics](#)

August 22, 2023 *News Release*

... The awards announced today include the following actions:

- \$1 billion to four BARDA Clinical Trial partners to support vaccine Phase IIb clinical trial studies: ICON Government and Public Health Solutions, Inc of Hinckley, Ohio; Pharm-Olam, LLC, of Houston, Texas; Technical Resources Intl (TRI), Inc, of Bethesda, Maryland; and Rho Federal Systems, Inc., Durham, North Carolina.
- \$326 million to Regeneron to support the development of a next-generation monoclonal antibody for COVID-19 prevention.
- \$100 million to Global Health Investment Corp. (GHIC), the non-profit organization managing the BARDA Ventures investment portfolio to expand investments in new technologies that will accelerate responses in the future.
- \$10 million for BLUE KNIGHT™, a joint initiative between BARDA and Johnson & Johnson Innovation – JLABS to distribute to the awardees of the BLUE KNIGHT™ Resident QuickFire Challenge: Accelerating Project NextGen.

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 26 Aug 2023]

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

Latest News Releases

No new digest content identified.

ACIP Meetings

Next ACIP Meeting

September 12, 2023

10am – 4:00pm EDT

ACIP meetings are virtual. No registration is required to watch the webcasts.

[Webcast Link](#) [Federal Register](#)

MMWR Weekly

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

August 25, 2023 / No. 34

[PDF of this issue](#)

- West Nile Virus and Other Nationally Notifiable Arboviral Diseases — United States, 2021
- Vaccination Coverage Among Adolescents Aged 13–17 Years — National Immunization Survey–Teen, United States, 2022
- Use of Nirsevimab for the Prevention of Respiratory Syncytial Virus Disease Among Infants and Young Children: Recommendations of the Advisory Committee on Immunization Practices — United States, 2023

August 18, 2023 / No. 33

[PDF of this issue](#)

- [Progress Toward Poliomyelitis Eradication — Pakistan, January 2022–June 2023](#)
- [Effectiveness of Monovalent and Bivalent mRNA Vaccines in Preventing COVID-19–Associated](#)
- [Epidemiologic and Clinical Features of Mpox in Adults Aged >50 Years — United States, May 2022–May 2023](#)

August 11, 2023 / No. 32

[PDF of this issue](#)

- [Prevalence of Symptoms ≤12 Months After Acute Illness, by COVID-19 Testing Status Among Adults — United States, December 2020–March 2023](#)
- [Long COVID and Significant Activity Limitation Among Adults, by Age — United States, June 1–13, 2022, to June 7–19, 2023](#)
- [SARS-CoV-2 Infection and Death Rates Among Maintenance Dialysis Patients During Delta and Early Omicron Waves — United States, June 30, 2021–September 27, 2022](#)

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Europe

European Medicines Agency [EMA]

https://www.ema.europa.eu/en/search/search/ema_editorial_content/ema_news?sort=field_ema_computed_date_field&order=desc

News & Press Releases

No new digest content identified.

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European Centre for Disease Prevention and Control

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

News/Updates/Reports [Selected]

News

[Weekly COVID-19 country overview](#)

Epidemiological update - 18 Aug 2023

[Epidemiological update: Diphtheria cases in Europe](#)

Epidemiological update - 18 Aug 2023

[ECDC classifies XBB.1.5-like lineages with the amino acid change F456L as variants of interest following an increase in SARS-CoV-2 transmission in EU/EEA countries and abroad](#)

Epidemiological update - 17 Aug 2023

[Work-life balance during the COVID-19 pandemic: ECDC and Eurofound investigate the impact of selected non-pharmaceutical interventions in the EU](#)

News story - 9 Aug 2023

[World Hepatitis Day 2023: need to scale up efforts to address hepatitis B and C](#)

Campaign - 28 Jul 2023

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Africa CDC [to 26 Aug 2023]

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

Statement

[Statement on the New COVID Strain, EG.5 SARS-COV-2 Subvariant](#)

25 August 2023

Press Releases

[Africa CDC and AUDA-NEPAD Established Diagnostic Advisory Committee \(DAC\) to Harmonize regulatory processes for Invitro Diagnostics \(IVDs\) and to accelerate access to diagnostics for the health security of the continent](#)

20 August 2023

Impact Story

[Adoption of door-to-door integrated approach in reaching the last mile in COVID-19 vaccinations: The case of Noonkopir Village in Kajiado County, Kenya](#)

16 August 2023

Statement

[Statement on the ongoing allegations about Africa CDC](#)

12 August 2023

Press Releases

[Africa CDC Donates Equipment to SAHPRA to Support Regulatory Functions in Vaccine Manufacturing](#)

10 August 2023

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China CDC

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

National Health Commission of the People's Republic of China [to 26 Aug 2023]

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

News

No new digest content identified.

National Medical Products Administration – PRC [to 26 Aug 2023]

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

News

[EG.5 most prominent substrain of COVID-19](#)

2023-08-23

The EG.5 substrain of the Omicron variant of COVID-19 has become the most prominent source of coronavirus infections in China, the Chinese Center for Disease Control and Prevention said on

[Don't worry about third wave of COVID, experts say](#)

2023-08-14

Despite rising numbers of people on social media claiming to have been infected with COVID-19 for a third time recently, experts have said that those reinfected most likely only had mild symptoms.

[China issues new round of COVID-19 vaccination plan for key groups](#)

2023-08-09

China's State Council inter-agency task force for COVID-19 response has issued a plan for a new round of COVID-19 vaccination for the country's elderly and other key groups.

China CDC Weekly Reports: Current Volume (5)

2023-08-25 / No. 34

[View PDF of this issue](#)

- [Preplanned Studies: Long-Term Patterns of Meningitis Mortality: A Continual Downward Trend and a Vulnerable Infant Population — China, 1987–2021](#)

2023-08-18 / No. 33

[View PDF of this issue](#)

- [Preplanned Studies: Synergistic Effects of Rotavirus and Co-Infecting Viral Enteric Pathogens on Diarrheal Disease — Guangzhou City, Guangdong Province, China, 2019](#)
- [Preplanned Studies: Comparative Analysis of Vaccine Inequity and COVID-19 Transmission Amid the Omicron Variant Among Countries — Six Countries, Asia-Pacific Region, 2022](#)
- [Notifiable Infectious Diseases Reports: Reported Cases and Deaths of National Notifiable Infectious Diseases — China, April 2023*](#)

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:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)

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Organization Announcements

Paul G. Allen Frontiers Group [to 26 Aug 2023]

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

News

Podcast

[Lab Notes | The mystery of long COVID](#)

08.17.2023

Where are we with long COVID? Researchers at the Allen Institute and Fred Hutchinson Cancer Center are working to understand the science behind this...

BMGF - Gates Foundation [to 26 Aug 2023]

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

Press Releases and Statements

Press release Aug 09, 2023

[Gates Foundation Selects Nearly 50 Global Health and Development Projects That Will Contribute to Shaping Equitable Access to AI](#)

Bill & Melinda Gates Medical Research Institute [to 26 Aug 2023]

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

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

News: Articles and Publications

No new digest content identified.

CARB-X [to 26 Aug 2023]

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

News

08.21.2023

[G20 Health Ministers highlight urgent need to develop new antimicrobials to tackle resistance](#)

The Global Antibiotic Research & Development Partnership (GARDP) and Combating Antibiotic-Resistant Bacteria Biopharmaceutical Accelerator (CARB-X) jointly welcome the G20 Health Ministers' Outcome Document, which underscores the urgent need to develop new antimicrobials, including antibiotics, to help tackle the growing global health crisis caused by antimicrobial resistance (AMR).

08.10.2023

[UK GOVERNMENT BOLSTERS PARTNERSHIP WITH CARB-X](#)

Through its Global AMR Innovation Fund (GAMRIF), the UK government has committed up to £24 million to CARB-X over the next four years to support the continued early development of innovative products that aim to prevent, diagnose and treat drug-resistant bacterial infections.

Center for Vaccine Ethics and Policy – GE2P2 Global Foundation [to 26 Aug 2023]

<https://centerforvaccineethicsandpolicy.net/>

News/Analysis/Publications-Digests/Statements

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

:: [Informed Consent: A Monthly Review – August 2023](#)

:: [Genomic Medicine – Governance, Ethics, Policy, Practice: A Monthly Digest](#) – July 2023

:: [Public Consultations Watch :: Global Calls for Input/Public Comment](#) -

11 Aug 2023 – Issue 06

CEPI – Coalition for Epidemic Preparedness Innovations [to 26 Aug 2023]

<http://cepi.net/>

Latest News

[Clinical trials in remote rainforests: how vital Ebola research in DRC enhances local expertise and infrastructure](#)

Prof. Hypolite Muhindo-Mavoko talks about the challenges and rewards that come with conducting vaccine trials for deadly viruses in the isolated city of Boende

23 Aug 2023

CIOMS – COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES [to 26 Aug 2023]

<https://cioms.ch/>

News; Publications; Events

No new digest content identified.

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 26 Aug 2023]

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

News

No new digest content identified.

Duke Global Health Innovation Center [to 26 Aug 2023]

<https://dukeghic.org/>

Report

No new digest content identified.

EDCTP [to 26 Aug 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

23 August 2023

[Guinea-Bissau joins EDCTP Association](#)

Emory Vaccine Center [to 26 Aug 2023]

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

Vaccine Center News

No new digest content identified.

European Vaccine Initiative [to 26 Aug 2023]

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

Latest News, Events

No new digest content identified.

Evidence Aid [to 26 Aug 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]

[The impact of droughts, flooding, and climate variability on malnutrition](#)

Added August 22, 2023

[Exposure of children and adolescents with disabilities to disasters, emergencies and the COVID-19 pandemic](#)

Added August 22, 2023

[Vulnerability of migrant women during COVID-19](#)

Added August 17, 2023

[Hospital ethical climate and job satisfaction among nurses and midwives](#)

Added August 14, 2023

[Investigation of organizational learning and adaptations for improved disaster response in hospitals](#)

Added August 10, 2023

[Delivery of emergency care services in post-conflict or conflict-affected settings](#)

Added August 9, 2023

Fondation Merieux [to 26 Aug 2023]

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

News, Events

Mérieux Foundation co-organized event

[Introducing PCV and rotavirus vaccine](#)

September 13 - 15, 2023 - N'Djamena (Chad)

Gavi [to 26 Aug 2023]

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

News Releases

No new digest content identified.

GHIT Fund [to 26 Aug 2023]

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

Press Releases

August 8, 2023

[GHIT Fund welcomes Fujirebio as New Funding Partner](#)

Global Fund [to 26 Aug 2023]

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

News & Stories

22 August 2023

[Global Fund Announces New Mechanism to Increase Access to More Effective Mosquito Nets to Prevent Malaria](#)

The Global Fund to Fight AIDS, Tuberculosis and Malaria (the Global Fund) is launching a new Revolving Facility to negotiate improved supply terms for global health products for the countries it supports. This financial mechanism uses advanced market...

08 August 2023

[Global Fund, PEPFAR and Unitaid Collaboration Paves Way to Accelerate Approval of African-Manufactured HIV Rapid Tests](#)

The Global Fund to Fight AIDS, Tuberculosis and Malaria (the Global Fund), the U.S. President's Emergency Plan for AIDS Relief (PEPFAR) and Unitaid are partnering to accelerate the manufacturing of health products in Africa, with HIV rapid diagnostic...

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 26 Aug 2023]

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

News

[Countdown to the GloPID-R Africa Hub Launch: August 22-23, 2023 in Cape Town](#)

August 18, 2023

Hilleman Laboratories [to 26 Aug 2023]

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

News & Insights

No new digest content identified.

HHMI - Howard Hughes Medical Institute [to 26 Aug 2023]

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

Press Room

No new digest content identified.

Human Vaccines Project [to 26 Aug 2023]

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

News

No new digest content identified.

IAVI [to 26 Aug 2023]

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

Latest News

No new digest content identified.

INSERM [to 26 Aug 2023]

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

Press Releases

No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]

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

Selected Statements, Press Releases, Research

No new digest content identified.

ICH - International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use [to 26 Aug 2023]

<https://www.ich.org/page/press-releases>

News/Pubs/Press Releases [Selective]

[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:

ANVISA, Brazil - Deadline for comments by 31 August 2023

EC, Europe - Deadline for comments by 26 September 2023

FDA, United States - Deadline for comments by 5 September 2023

HSA, Singapore - Deadline for comments by 30 September 2023

Health Canada, Canada - Deadline for comments by 20 October 2023

MHLW/PMDA, Japan - Deadline for comments by 9 September 2023

MHRA, UK - Deadline for comments by 31 August 2023

NMPA, China - Deadline for comments by 31 August 2023

Swissmedic, Switzerland - Deadline for comments by 26 September 2023

TFDA, Chinese Taipei - Deadline for comments by 31 August 2023

ICRC [to 26 Aug 2023]

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

What's New [Selected]

[Sudan: Over 9,000 displaced people in North Darfur receive essential items](#)

Wad Madani (ICRC) – This week, over 9,000 displaced people in Jokhii village, west of Al Fashir, the capital of North Darfur State, received essential household items from the International Committee of the Red Cross (ICRC) and the Sudanese Red Crescent
23-08-2023 | News release

[Niger: More than 130,000 people supported by the Red Cross in one month](#)

Armed conflict and other violence are continuing to ravage the lives of millions in Niger, with nearly one person in five already in need of humanitarian aid.
17-08-2023 | News release

IFFIm

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

Press Releases/Announcements

No new digest content identified.

IFRC [to 26 Aug 2023]

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

Press Releases [Selected]

Press release 24/08/2023

[Cox's Bazar: the IFRC calls for global support and durable solutions to address pressing needs](#)

Press release 15/08/2023

[Afghanistan: Intensified support critical amid deteriorating economic and humanitarian situation](#)

Institut Pasteur [to 26 Aug 2023]

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

Press Documents

Press release 09.08.2023

[SARS-CoV-2: how the history of human populations influences their immune response](#)

During the COVID-19 pandemic, the clinical spectrum observed among people infected with SARS-CoV-2 ranged from...

ISC / International Science Council [to 26 Aug 2023]

<https://council.science/current/>

ISC is a non-governmental organization with a unique global membership that brings together 40 international scientific Unions and Associations and over 140 national and regional scientific organizations including Academies and Research Councils.

Blogs

[Take Seven: Looking at the future of transdisciplinary research](#)

17.08.2023

As the world navigates an intricate tapestry of complex challenges both present and forthcoming, the Centre for Science Futures' working paper, "Looking at the Future of Transdisciplinary Research"

describes a vital pathway for evidence-based and society-driven solutions. Here we look at seven blogs responding to the paper.

International Union of Immunological Societies (IUIS)

<https://iuis.org/>

News/Events [Selected]

No new digest content identified.

IVAC [to 26 Aug 2023]

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

Updates; Events

No new digest content identified.

IVI [to 26 Aug 2023]

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

IVI News & Announcements

No new digest content identified.

Johns Hopkins Center for Health Security [to 26 Aug 2023]

<https://www.centerforhealthsecurity.org/news/center-news/>

Center News [Selected]

[**Experts encourage US states to create legislation aimed at improving indoor air quality in public spaces using new model state act as framework**](#)

August 21, 2023

MSF/Médecins Sans Frontières [to 26 Aug 2023]

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

Latest [Selected Announcements]

Honduras

[**Innovative approach combats alarming levels of dengue in Honduras**](#)

Press Release 25 Aug 2023

Libya

[**MSF to close medical activities in Tripoli**](#)

Press Release 24 Aug 2023

Rohingya refugee crisis

[**Funding for Rohingya must increase as medical needs surge in camps**](#)

Project Update 23 Aug 2023

Central African Republic

[**Health emergency in Central African Republic requires urgent response**](#)

Project Update 21 Aug 2023

Yemen

[Grave health crisis as measles cases surge in Yemen](#)

Project Update 18 Aug 2023

South Sudan

[Children at deadly risk of measles and malnutrition after fleeing conflict in Sudan](#)

Press Release 17 Aug 2023

Chad

[MSF calls for urgent international support for refugees in Chad as major crisis looms](#)

Press Release 14 Aug 2023

Türkiye and Syria earthquake response

[Six months of humanitarian action after earthquakes in northwest Syria](#)

Project Update 11 Aug 2023

Conflict in Sudan

[Lack of essential visas for MSF staff threatens lifesaving care in hospital](#)

Press Release 9 Aug 2023

National Academy of Medicine - USA [to 26 Aug 2023]

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

News [Selected]

[National Academy of Medicine Names Six NAM Fellows for 2023](#)

August 9, 2023

The National Academy of Medicine (NAM) has selected six outstanding health professionals for the class of 2023 NAM Fellowships. The fellows were chosen based on their professional qualifications, reputations as [...]

National Academy of Sciences - USA [to 26 Aug 2023]

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

News

[Report Calls for U.S. to Align Equity and Emerging Science, Technology, and Innovation in Health and Medicine](#)

National Vaccine Program Office - U.S. HHS [to 26 Aug 2023]

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

Upcoming Meetings/Latest Updates

[September 21-22, 2023 NVAC Meeting](#)

NIH [to 26 Aug 2023]

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

News Releases

[Severe COVID-19 may lead to long-term innate immune system changes](#)

August 18, 2023 — NIH-funded research links alterations to inflammatory protein, underscores vaccine importance.

[COVID-19 vaccination and boosting during pregnancy benefits pregnant people and newborns](#)

August 11, 2023 — Clinical trial sought to determine to how much protection against illness the vaccines provided

PATH [to 26 Aug 2023]

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

Press Releases

[PATH welcomes news of first RSV maternal vaccine licensure](#)

An important step toward improving infant respiratory health via vaccination in pregnancy

Published: August 2023

Statement

[Dramatic reductions in malaria cases and deaths continue over five years with seasonal malaria vaccine-drug combination](#)

Final results of landmark study confirm two-thirds reduction in cases of malaria, including cases of severe malaria, and deaths from malaria, for RTS,S-drug combination over either intervention given alone in settings of highly seasonal malaria transmission. Results also showed the RTS,S vaccine has similar high efficacy to drugs in preventing malaria in highly seasonal transmission settings, and that overall reduction in malaria incidence likely “tops” 90% among children protected by bednets, vaccines, and drugs.

Rockefeller Foundation [to 26 Aug 2023]

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

Selected Reports/Press Releases

No new digest content identified.

Sabin Vaccine Institute [to 26 Aug 2023]

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

Latest News & Press Releases

No new digest content identified.

UNAIDS [to 26 Aug 2023]

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

Selected Press Releases/Reports/Statements

No new digest content identified.

UNICEF [to 26 Aug 2023]

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

Latest press releases, news notes and statements

Press release 24 August 2023

[More than two million children displaced by brutal conflict in Sudan as violence spreads to new areas](https://www.unicef.org/press-releases/more-two-million-children-displaced-brutal-conflict-sudan-violence-spreads-new-areas)

<https://www.unicef.org/press-releases/more-two-million-children-displaced-brutal-conflict-sudan-violence-spreads-new-areas>

PORT SUDAN, 24 August 2023 – At least two million children have been forced from their homes since the conflict in Sudan erupted four months ago – an average of more than 700 children newly displaced every hour. As violence continues to ravage the country, over 1.7 million children are estimated to be on the move within Sudan’s borders and more...

Press release 21 August 2023

[Malawi and South Sudan Announce Presidential Compacts on Water and Sanitation](https://www.unicef.org/press-releases/malawi-and-south-sudan-announce-presidential-compacts-water-and-sanitation)

<https://www.unicef.org/press-releases/malawi-and-south-sudan-announce-presidential-compacts-water-and-sanitation>

STOCKHOLM, 21 August 2023 – In a major stride to ensure universal access to water and sanitation, the governments of Malawi and South Sudan today announced the launch of Presidential Compacts on Water and Sanitation. The announcement was made at Stockholm World Water Week, which gathered thousands of international leaders and experts this week to...

Statement 19 August 2023

[Statement by UNICEF Representative in Niger Stefano Savi on severe impact of ongoing crisis on millions of vulnerable children](https://www.unicef.org/press-releases/statement-unicef-representative-niger-stefano-savi-severe-impact-ongoing-crisis)

<https://www.unicef.org/press-releases/statement-unicef-representative-niger-stefano-savi-severe-impact-ongoing-crisis>

NIAMEY, 19 August 2023 – “The crisis unfolding in the Republic of Niger continues to pose an ever greater danger for millions of vulnerable children in the country. “The current situation is of great concern and adds a heavy burden to an already dire humanitarian landscape, where the prevalence of severe malnutrition amongst children is extremely...

Press release 17 August 2023

[Children in DR Congo facing worst cholera outbreak in six years, warns UNICEF](https://www.unicef.org/press-releases/children-dr-congo-facing-worst-cholera-outbreak-six-years-warns-unicef)

<https://www.unicef.org/press-releases/children-dr-congo-facing-worst-cholera-outbreak-six-years-warns-unicef>

Goma, Democratic Republic of the Congo, 18 August 2023 – A spike in conflict and displacement in the eastern Democratic Republic of the Congo is pushing children into the worst cholera crisis since 2017, warns UNICEF. Across the country, there have been at least 31,342 suspected or confirmed cholera cases and 230 deaths in the first seven months...

Unitaid [to 26 Aug 2023]

<https://unitaid.org/>

Featured News

18 August 2023

[Unitaid supports G20’s push for stronger health systems and greater access to health innovation as leaders convene in India](#)

08 August 2023

[Global Fund, PEPFAR and Unitaid Collaboration Paves Way to Accelerate Approval of African-Manufactured HIV Rapid Tests](#)

Vaccine Equity Cooperative [nee Initiative] [to 26 Aug 2023]

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

News

No new digest content identified.

Vaccination Acceptance & Demand Initiative [Sabin] [to 26 Aug 2023]

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

Announcements, Blog

No new digest content identified.

Vaccine Confidence Project [to 26 Aug 2023]

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

News, Research and Reports

No new digest content identified.

Vaccine Education Center – Children’s Hospital of Philadelphia [to 26 Aug 2023]

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

News

[Vaccine Update for Providers](#)

September 2023

Announcements: Sept. webinar and updated and new resources to order for free

Registration open for September "Current Issues in Vaccines"

Registration is now open for the September Vaccine Education Center (VEC) webinar. The "Current Issues in Vaccines" webinars are supported by the Thomas F. McNair Scott Endowed Research and Lectureship Fund, and they are co-sponsored by the Pennsylvania Chapter, American Academy of Pediatrics and Wilkes University.

Wellcome Trust [to 26 Aug 2023]

<https://wellcome.ac.uk/news>

News. Opinion, Reports

No new digest content identified.

The Wistar Institute [to 26 Aug 2023]

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

Press Releases

Aug. 14, 2023

[Award-Winning Biotech Training Program to Begin Second Recruitment to Connect Philadelphians with Quality Jobs in the Region’s Rapidly Growing Life Sciences Sector](#)

The Wistar Institute, West Philadelphia Skills Initiative, Iovance Biotherapeutics, PIDC, The Chamber of Commerce for Greater Philadelphia Launch Second Recruitment for the Award-Winning Program on August 22

Press Release

Aug. 9, 2023

[The Wistar Institute Recruits Virology Expert Alexander Price, Ph.D., to Cancer Center](#)

Price's research focuses on how viral genomes are controlled during infection.

Press Release

Aug. 8, 2023

[The Wistar Institute Appoints Life Sciences Consultant and Entrepreneur Joy Taylor to its Board of Trustees](#)

Taylor will serve on the Board's Communications and Marketing Committee.

World Bank [to 015 Oct 2022]

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

All News [Selected]

[CRISIS AND RECOVERY: Learning from COVID-19's Economic Impacts and Policy Responses in East Asia - The Case of Malaysia](#)

More than three years after the first COVID-19 case was discovered, this World Bank report examines the economic consequences and government responses to the COVID-19 pandemic in six East Asian economies:...

Date: August 17, 2023 Type: Publication

WFPHA: World Federation of Public Health Associations [to 26 Aug 2023]

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

Latest News - Blog

[Protecting Healthcare Workers in Low- & Lower-Middle-Income Countries through Vaccination: Barriers, Leverages, & Next Steps](#)

Aug 24, 2023

World Medical Association [WMA] [to 26 Aug 2023]

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

Press Releases

No new digest content identified.

World Organisation for Animal Health [to 26 Aug 2023]

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

Press Releases, Statements

Selected Press Releases

No new digest content identified.

.....

ARM [Alliance for Regenerative Medicine] [to 26 Aug 2023]

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

Selected Press Releases

No new digest content identified.

BIO [to 26 Aug 2023]

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

Press Releases

No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 26 Aug 2023]

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

News; Upcoming events

[**24th DCVMN Annual General Meeting 2023**](#)

September 19 - 21, 2023

Cape Town, South Africa

ICBA – International Council of Biotechnology Associations [to 26 Aug 2023]

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

News

No new digest content identified.

IFPMA [to 26 Aug 2023]

<https://ifpma.org/>

Selected Press Releases/Statement

No new digest announcements identified

International Alliance of Patients' Organizations – IAPO [to 26 Aug 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

No new digest announcements identified

PhRMA [to 26 Aug 2023]

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

Press Releases

No new digest announcements identified

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.....

Vaccines/Therapeutics/Medicines – Selected Developer/Manufacturer Announcements

AstraZeneca

Press Releases - No new digest announcements identified

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

14 August 2023

[**BioNTech Expands Management Board by Appointing James Ryan as Chief Legal Officer**](#)

Boehringer

Press Releases - No new digest announcements identified

CanSinoBIO

News - Website not responding at inquiry

CIGB

Latest News

[**IV International Symposium Cancer 2023**](#)

Varadero, Cuba, September, 2023

Cinnagen

Recent News - No new digest announcements identified

Clover Biopharmaceuticals - China

News - No new digest announcements identified

Curevac [Bayer Ag – Germany]

News - No new digest announcements identified

Gamaleya National Center/Sputnik

Latest News and Events - No new digest announcements identified

<https://sputnikvaccine.com/> - No new digest announcements identified

GSK

Press releases for media

23 August 2023

[New Shingrix data demonstrate 100% vaccine efficacy in the prevention of shingles in adults aged 50 and over in China](#)

No cases of shingles (herpes zoster) reported among the participants who received Shingrix in the randomised clinical trial

IMBCAMS, China

Home - Website not responding at inquiry

Janssen/JNJ

Press Releases - No new digest announcements identified

Merck

News releases - No new digest announcements identified

Moderna

Press Releases

17 August, 2023

[Moderna Clinical Trial Data Confirm Its Updated COVID-19 Vaccine Generates Robust Immune Response in Humans Against Widely Circulating Variants](#)

Nanogen

News - No new digest announcements identified

Novartis

News - No new digest announcements identified

Novavax

Press Releases

Aug 22, 2023

COVID-10

[Novavax's Updated Protein-based XBB COVID Vaccine Induced Neutralizing Responses Against Emerging Subvariants, Including EG.5.1 and XBB.1.16.6](#)

Pfizer

Recent Press Releases

08.24.2023

[European Commission Approves Pfizer's ABRYSVO™ to Help Protect Infants through Maternal Immunization and Older Adults from RSV](#)

08.21.2023

[U.S. FDA Approves ABRYSVO™, Pfizer's Vaccine for the Prevention of Respiratory Syncytial Virus \(RSV\) in Infants Through Active Immunization of Pregnant Individuals 32-36 Weeks of Gestational Age](#)

R-Pharm

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

[No news or media page identified]

Sanofi Pasteur

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

Serum Institute of India

[NEWS & ANNOUNCEMENTS](#) - No new digest announcements identified

Sinopharm/WIBPBIBP

[News](#) - No new digest announcements identified

Sinovac

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

SK Biosciences

[Press Releases](#)

[SK bioscience and Vaxxas Enter Joint Development Agreement for Needle-Free Patch Delivery of Typhoid Vaccine](#)

2023.08.24

[SK bioscience Begins First Shipment of SKYCellflu for 2023-2024 Flu Season](#)

-SKYCellflu, the world's first cell culture-based influenza vaccine obtaining WHO's PQ, will be deli...

2023.08.23

[SK bioscience Announces Equity Investment in Novavax to Strengthen Strategic Partnership](#)

2023.08.09

Takeda

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

Valneva

[Press Releases](#)

August 14, 2023

[Valneva Announces PDUFA Date Extension for Chikungunya Virus Vaccine Candidate](#)

Vector State Research Centre of Virology and Biotechnology

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

WestVac Biopharma

[Media](#)

[Breaking News! China National Health Commission Released "Implementation Plan for COVID-19 Vaccination for Key Groups in the Near Future"](#)

2023-08-01

Zhifei Longcom, China

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

[No website identified]



Contents [click to move among sections]

:: [Milestones, Perspectives](#)

:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)



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 8: E573-650

<https://journalofethics.ama-assn.org/issue/robotic-surgery>

Robotic Surgery

Robotic assisted minimally invasive surgical procedures have become increasingly common since FDA approval in 2000. First integrated into urologic care, robots now assist general, gynecologic, cardiothoracic, colorectal, and head and neck operations. Indications for and applications of robotic surgical technology continue to evolve, as do ethical questions generated by robotics about informed consent, surgical training and decision making, bias and risk management, and conflict of interest mitigation at the intersection of surgical technique selection and organizational investments. This theme issue looks to motivate conversations about clinical, ethical, and equity standards in a rapidly evolving robotic surgical frontier.

[Reviewed earlier]

American Journal of Human Genetics

Aug 03, 2023 Volume 110 Issue 8 p1227-1444

[https://www.cell.com/ajhg/issue?pii=S0002-9297\(22\)X0009-8](https://www.cell.com/ajhg/issue?pii=S0002-9297(22)X0009-8)
[New issue; No digest content identified]

American Journal of Infection Control

September 2023 Volume 51 Issue 9 p967-1082

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

State of the Science Review

[Effectiveness of mRNA vaccine against Omicron-related infections in the real world: A systematic review and meta-analysis](#)

Kaixin Guo, et al.

Published online: February 16, 2023

p1049-1055

American Journal of Preventive Medicine

September 2023 Volume 65 Issue 3 p347-550

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

Research Articles

[Vaccination and Voting Patterns in the U.S.: Analysis of COVID-19 and Flu Surveys From 2010 to 2022](#)

Minttu M. Rönkä, Nicolas A. Menzies, Joshua A. Salomon

Published online: March 07, 2023

p458-466

Open Access

American Journal of Public Health

September 2023 113(9)

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

[New issue; No digest content identified]

American Journal of Tropical Medicine and Hygiene

Volume 109 (2023): Issue 2 (Aug 2023)

<https://www.ajtmh.org/view/journals/tpmd/109/2/tpmd.109.issue-2.xml>

Editorial Open access

[Typhoid Fever: A Reduction and a Resurgence](#)

James E. Meiring and Peter I. Johnston

Perspective Piece

[Capacity Building in Pediatric Critical Care-Global Health Research and Education: The Blantyre Experience](#)

Madiha Q. Raees, et al.

ABSTRACT

Pediatric critical care medicine (PCCM), as it is practiced in high-income countries, is focused on specialized medical care for the most vulnerable pediatric patient populations. However, best practices for provision of that care globally are lacking. Thus, PCCM research and education programming can

potentially fill significant knowledge gaps by facilitating the development of evidence-based clinical guidelines that reduce child mortality on a global scale. Malaria remains a leading cause of pediatric mortality worldwide. The Blantyre Malaria Project (BMP) is a research and clinical care collaborative that has focused on reducing the public health burden of pediatric cerebral malaria in Malawi since 1986. In 2017, the requirements of a new research study led to the creation of PCCM services in Blantyre, creating the opportunity to establish a PCCM-Global Health Research Fellowship by BMP in collaboration with the University of Maryland School of Medicine. In this perspective piece, we reflect on the evolution of the PCCM-Global Health research fellowship. Although the specifics of this fellowship are out of the scope of this perspective, we discuss the context allowing for the development of this program and explore some early lessons learned to consider for future capacity-building efforts in the future of PCCM-Global Health research.

Review Articles Open access

[Health, Economic, and Social Impacts of Substandard and Falsified Medicines in Low- and Middle-Income Countries: A Systematic Review of Methodological Approaches](#)

Raimat Korede Salami, et al.

Annals of Internal Medicine

August 2023 Volume 176, Issue 8

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

Position Papers

[Modernizing the United States' Public Health Infrastructure: A Position Paper From the American College of Physicians](#)

FREE

Ryan Crowley, BSJ, Suja Mathew, MD, and David Hilden, MD, MPH, for the [... et al.](#)

Pages:1089–1091

Artificial Intelligence – An International Journal

Volume 321 August 2023

<https://www.sciencedirect.com/journal/artificial-intelligence/vol/321/suppl/C>

Research article Open access

[Syntactic reasoning with conditional probabilities in deductive argumentation](#)

Anthony Hunter, Nico Potyka

Article 103934

Abstract

Evidence from studies, such as in science or medicine, often corresponds to conditional probability statements. Furthermore, evidence can conflict, in particular when coming from multiple studies. Whilst it is natural to make sense of such evidence using arguments, there is a lack of a systematic formalism for representing and reasoning with conditional probability statements in computational argumentation. We address this shortcoming by providing a formalization of conditional probabilistic argumentation based on probabilistic conditional logic. We provide a semantics and a collection of comprehensible inference rules that give different insights into evidence. We show how arguments constructed from proofs and attacks between them can be analyzed as arguments graphs using dialectical semantics and via the epistemic approach to probabilistic argumentation. Our approach allows for a transparent and systematic way of handling uncertainty that often arises in evidence.

BMC Cost Effectiveness and Resource Allocation

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

(Accessed 26 Aug 2023)

[Cost-effectiveness of 20-valent pneumococcal conjugate vaccine compared with 23-valent pneumococcal polysaccharide vaccine among adults in a Norwegian setting](#)

The morbidity and mortality of adult diseases caused by S. pneumoniae increase with age and presence of underlying chronic diseases. Currently, two vaccine technologies against S. pneumoniae are used: the 23-valent...

Authors: Mikkelsen Malene B, Husby Oyvind, Molden Tor, Mwaura David N, Olsen Jens, Kristensen Nanna V and Vietri Jeffrey

Citation: Cost Effectiveness and Resource Allocation 2023 21:52

Content type: Research Published on: 9 August 2023

BMC Health Services Research

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

(Accessed 26 Aug 2023)

[Impact of a dTcaP booster vaccine awareness campaign initiated by the French national health insurance for adults aged 25 years in 2021](#)

Vaccination schedules differ from country to country. In France, the diphtheria, tetanus, pertussis, poliomyelitis (dTcaP) booster vaccine coverage for adults aged 25 has been lower than those recommended. We ...

Authors: Aline Hurtaud, Capucine Coomans, Brigitte Vuillemin, Akima Benamar, Maxime Couraud, Bach-Nga Pham, Stéphane Sanchez and Coralie Barbe

Citation: BMC Health Services Research 2023 23:903

Content type: Research Published on: 23 August 2023

[Effective communication of COVID-19 vaccine information to recently-arrived culturally and linguistically diverse communities from the perspective of community engagement and partnership organisations: a qualitative study](#)

In many high-income countries, COVID-19 has disproportionately impacted Culturally and Linguistically Diverse (CALD) communities. Barriers to engaging with essential health messaging has contributed to difficu...

Authors: Kara Dickson, Craig Aboltins, Janet Pelly and Rebecca Leigh Jessup

Citation: BMC Health Services Research 2023 23:877

Content type: Research Published on: 21 August 2023

[Comparing full immunisation status of children \(0–23 months\) between slums of Kampala City and the rural setting of Iganga District in Uganda: a cross-sectional study](#)

Immunisation remains the most cost-effective public health intervention in preventing morbidity and mortality due to Vaccine-Preventable Diseases (VPDs). The study aims to compare the differences in immunisati...

Authors: Awa Jammeh, Michael Muhoozi, Asli Kulane and Dan Kajungu

Citation: BMC Health Services Research 2023 23:856

Content type: Research Published on: 14 August 2023

[The rise of resilient healthcare research during COVID-19: scoping review of empirical research](#)

The COVID-19 pandemic has presented many multi-faceted challenges to the maintenance of service quality and safety, highlighting the need for resilient and responsive healthcare systems more than ever before. ...

Authors: Louise A Ellis, Maree Saba, Janet C Long, Hilda Bø Lyng, Cecilie Haraldseid-Driftland, Kate Churruga, Siri Wiig, Elizabeth Austin, Robyn Clay-Williams, Ann Carrigan and Jeffrey Braithwaite

Citation: BMC Health Services Research 2023 23:833

Content type: Research Published on: 7 August 2023

[Decolonizing global health: an agenda for research](#)

This editorial outlines the background to the BMC Health Services Research collection on decolonizing global health. The discourse on decolonizing global health is gaining increasing momentum. These persistent...

Authors: Henry Zakumumpa, Nafissatou Diop and Robert Kaba Alhassan

Citation: BMC Health Services Research 2023 23:832

Content type: Editorial Published on: 7 August 2023

BMC

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

(Accessed 26 Aug 2023)

[Determinants of influenza and COVID-19 vaccine intent or uptake in Lebanon: a scoping review of the literature](#)

Vaccination is essential to protect from influenza and recently from COVID-19, yet uptake in Lebanon is suboptimal. Several factors determine uptake including knowledge, attitude and policies. We conducted a s...

Authors: Mahmoud Salam and Gladys Honein-AbouHaidar

Citation: BMC Infectious Diseases 2023 23:511

Content type: Research Published on: 6 August 2023

BMC Medical Ethics

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

(Accessed 26 Aug 2023)

[No new digest content identified]

BMC Medicine

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

(Accessed 26 Aug 2023)

[Benefits of near-universal vaccination and treatment access to manage COVID-19 burden in the United States](#)

As we continue the fourth year of the COVID-19 epidemic, SARS-CoV-2 infections still cause high morbidity and mortality in the United States. During 2020–2022, COVID-19 was one of the leading causes of death i...

Authors: Fuhan Yang, Thu Nguyen-Anh Tran, Emily Howerton, Maciej F. Boni and Joseph L. Servadio

Citation: BMC Medicine 2023 21:321

Content type: Research article Published on: 24 August 2023

BMC Pregnancy and Childbirth

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

(Accessed 26 Aug 2023)

[No new digest content identified]

BMC Public Health

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

(Accessed 26 Aug 2023)

[Contextual factors influencing incomplete immunization and investigation of its geospatial heterogeneity in Pakistan: a cross-sectional study based on PDHS \(2017–18\)](#)

Immunization is one of the most effective public health initiatives, saving millions of lives and lowering the risk of diseases such as diphtheria, tetanus, influenza, and measles. Immunization saves an estima...

Authors: Asifa Kamal, Ayesha Waseem, Maryam Siddiq, Muhammad Ijaz, Abeera Shakeel and Soofia Iftikhar

Citation: BMC Public Health 2023 23:1620

Content type: Research Published on: 24 August 2023

[Spatiotemporal dynamics of cholera in the Democratic Republic of the Congo before and during the implementation of the Multisectoral Cholera Elimination Plan: a cross-sectional study from 2000 to 2021](#)

The Democratic Republic of the Congo (DRC) implemented the first strategic Multisectoral Cholera Elimination Plan (MCEP) in 2008–2012. Two subsequent MCEPs have since been implemented covering the periods 2013–20...

Authors: Nadège Taty, Didier Bompangue, Nancy Meschinet de Richemond and JJ Muyembe

Citation: BMC Public Health 2023 23:1592

Content type: Research Published on: 22 August 2023

[Addressing COVID-19 inequities using bidirectional crisis and emergency risk communication and vaccine clinic interventions: a descriptive study](#)

Immigrants (immigrants and migrants, including refugees, asylum seekers, and individuals without legal documentation) experience unique assets and needs in relation to coronavirus disease 2019 (COVID-19). Com...

Authors: Abby M. Lohr, Kelao Charmaine Neumbo, Jane W. Njeru, Luz Molina, Rachel Hasley, Yahye Ahmed, Onelis Quirindongo-Cedeno, Gloria A. Torres-Herbeck, Miriam L. Goodson, Ahmed Osman, Jenny A. Weis, Mark L. Wieland and Irene G. Sia

Citation: BMC Public Health 2023 23:1517

Content type: Research Published on: 10 August 2023

[Vaccination as a social practice: towards a definition of personal, community, population, and organizational vaccine literacy](#)

A comprehensive and agreed-upon definition of vaccine literacy (VL) could support the understanding of vaccination and help policy-makers and individuals make informed decisions about vaccines.

Authors: Chiara Lorini, Marco Del Riccio, Patrizio Zanobini, Roberto Luigi Biasio, Paolo Bonanni, Duccio Giorgetti, Valerio Allodola Ferro, Andrea Guazzini, Olfa Maghrebi, Vieri Lastrucci, Lisa Rigon, Orkan Okan, Kristine Sørensen and Guglielmo Bonaccorsi
Citation: BMC Public Health 2023 23:1501
Content type: Research Published on: 8 August 2023

BMC Research Notes

<http://www.biomedcentral.com/bmcresnotes/content>
(Accessed 26 Aug 2023)
[No new digest content identified]

BMJ Evidence-Based Medicine

August 2023 - Volume 28 - 4
<https://ebm.bmj.com/content/28/4>
[Reviewed earlier]

BMJ Global Health

July 2023 - Volume 8 - 7
<https://gh.bmj.com/content/8/7>
[Reviewed earlier]

BMJ Open

May 2023 - Volume 13 - 5
<https://bmjopen.bmj.com/content/13/1>
[Reviewed earlier]

Bulletin of the Atomic Scientists

July 2023
<https://thebulletin.org/magazine/2023-07/>
Special Issue: Oppenheimer
Reviewed earlier]

Bulletin of the World Health Organization

Volume 101(8); 2023 Aug 1
<https://www.ncbi.nlm.nih.gov/pmc/issues/441939/>
[Reviewed earlier]

Cell

Aug 17, 2023 Volume 186 Issue 17 p3523-3744
<https://www.cell.com/cell/current>
Leading edge

Bench to Bedside

[Herpes simplex virus gene therapy for dystrophic epidermolysis bullosa \(DEB\)](#)

Alberto L. Epstein,
Cornelia Haag-Molkenteller

The FDA has recently approved Krystal biotech's beremagene geperpavec (B-VEC, Vyjuvek) to treat the wounds of dystrophic epidermolysis bullosa (DEB) patients. This represents a giant step, not only toward the treatment of this devastating disease, but also for the whole field of non-replicative (nr) recombinant HSV-1 vectors for gene therapy. To view this Bench to Bedside, open or download the

Featured Article

[An ethical framework for human embryology with embryo models](#)

Nicolas C. Rivron, Alfonso Martinez Arias, Martin F. Pera, Naomi Moris, Hafez Ismaili M'hamdi
Open Access

Embryo models provide a new way to study development, yet their use has raised several questions. In this Perspective, the authors argue that answering those questions requires both a refined legal definition of an embryo and a decision about "tipping points" after which embryo models might be considered embryos.

Child Care, Health and Development

Volume 49, Issue 5 Pages: 787-940 September 2023

<https://onlinelibrary.wiley.com/toc/13652214/current>

SPECIAL ISSUE: THE PERVASIVE EFFECTS OF COVID-19 ON CHILDREN: A GLOBAL PERSPECTIVE PART II

[Systematic review: Impact of parental decision on paediatric COVID-19 vaccination](#)

[Artênio José Ísper Garbin](#), [Erika Kiyoko Chiba](#), [Cléa Adas Saliba Garbin](#), [Fernando Yamamoto Chiba](#), [Suzely Adas Saliba Moimaz](#), [Tânia Adas Saliba](#)

Pages: 787-799

First Published: 09 May 2023

The objective was to carry out a systematic review on the acceptance of parents to vaccinate their children against COVID-19 and the factors that contribute for vaccination hesitancy.

Clinical Pharmacology & Therapeutics

Aug 03, 2023 Volume 186 Issue 16 p3327-3522

<https://ascpt.onlinelibrary.wiley.com/toc/15326535/current>

[Reviewed earlier]

Clinical Therapeutics

July 2023 Volume 45 Issue 7 p617-684

<http://www.clinicaltherapeutics.com/current>

[New issue; No digest content identified]

Clinical Trials

Volume 20 Issue 4, August 2023

<https://journals.sagepub.com/toc/ctja/20/4>

[Reviewed earlier]

Conflict and Health

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Contemporary Clinical Trials

Volume 131 August 2023

<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/131/suppl/C>

[Reviewed earlier]

The CRISPR Journal

Volume 6, Issue 4 / August 2023

<https://www.liebertpub.com/toc/crispr/6/4>

Editorial Free

[CRISPR Milestones for Sustainable Agriculture and Forestry](#)

[Rodolphe Barrangou](#)

Pages:303–304

Published Online:14 August 2023

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 8 2023

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

[New issue; No digest content identified]

Current Opinion in Infectious Diseases

August 2023 - Volume 36 - Issue 4

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

[Reviewed earlier]

Current Protocols in Human Genetics

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Developing World Bioethics

Volume 23, Issue 2 Pages: 89-195 June 2023

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

Special Issue: Reproductive Justice: Inequalities in the Global South

[Reviewed earlier]

Development in Practice

Volume 33, Issue 6, 2023

<http://www.tandfonline.com/toc/cdip20/current>

[New issue; No digest content identified]

Development Policy Review

Volume 41, Issue 4 July 2023

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

Articles

[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

<https://onlinelibrary.wiley.com/toc/14677717/2023/47/3>

[Reviewed earlier]

EMBO Reports

Volume 24 Issue 8 3 August 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 43 June 2023

<https://www.sciencedirect.com/journal/epidemics/vol/43/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 1 - Spring 2023

<https://www.cambridge.org/core/journals/ethics-and-international-affairs/latest-issue>
[Reviewed earlier]

Ethics, Medicine and Public Health

Volume 29 August 2023

<https://www.sciencedirect.com/journal/ethics-medicine-and-public-health/vol/29/suppl/C>
[New issue; No digest content identified]

The European Journal of Public Health

Volume 33, Issue 4, August 2023

<https://academic.oup.com/eurpub/issue/33/4>

Health Systems Research

[Training needs assessment of European frontline health care workers on vaccinology and vaccine acceptance: a systematic review](#)

Teresa Eleonora Lanza and others

European Journal of Public Health, Volume 33, Issue 4, August 2023, Pages 591–595,
<https://doi.org/10.1093/eurpub/ckad101>

Infectious Disease

[The best laid plans?: international governance perspectives in AMR national action plans in Europe](#)

Daniel E Carelli and others

European Journal of Public Health, Volume 33, Issue 4, August 2023, Pages 682–686,
<https://doi.org/10.1093/eurpub/ckad080>

COVID-19

[COVID-19 vaccine hesitancy among first-generation immigrants living in Sweden](#)

Signe Svallfors and others

European Journal of Public Health, Volume 33, Issue 4, August 2023, Pages 687–694,
<https://doi.org/10.1093/eurpub/ckad073>

[The vulnerability to COVID-19 of migrants in large urban areas: structural exacerbators and community-level mitigators](#)

Lisa Hitch and others

European Journal of Public Health, Volume 33, Issue 4, August 2023, Pages 704–716,
<https://doi.org/10.1093/eurpub/ckad076>

Editor's Choice

[Conspiracy beliefs, COVID-19 vaccine uptake and adherence to public health interventions during the pandemic in Europe](#)

Luca Regazzi and others

European Journal of Public Health, Volume 33, Issue 4, August 2023, Pages 717–724,
<https://doi.org/10.1093/eurpub/ckad089>

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>

Essays

[The AI Power Paradox](#)

Can States Learn to Govern Artificial Intelligence—Before It's Too Late?

Ian Bremmer and Mustafa Suleyman

Forum for Development Studies

Volume 50, 2023 - Issue 2

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

[Reviewed earlier]

Genetics in Medicines

Volume 25, Issue 7 July 2023

<https://www.sciencedirect.com/journal/genetics-in-medicine/vol/25/issue/7>

[Reviewed earlier]

Genome Medicine

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Global Health Action

Volume 16, Issue 1 (2023)

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

[Reviewed earlier]

Global Health: Science and Practice (GHSP)

Vol. 11, No. 3 June 21, 2023

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

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Global Legal Monitor – Library of Congress/USA

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

[Accessed 26 Aug 2023]

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Global Public Health

Volume 18, Issue 1 (2023)

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[Reviewed earlier]

Globalization and Health

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Health and Human Rights

Volume 25, Issue 1, June 2023,

<https://www.hhrjournal.org/special-section-global-voices-for-global-equity-expanding-right-to-health-frameworks/>

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 6, July 2023

<https://academic.oup.com/heapol/issue/38/6>

[Reviewed earlier]

Health Research Policy and Systems

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Human Gene Therapy

Volume 34, Issue 15-16 / August 2023

<https://www.liebertpub.com/toc/hum/34/15-16>

[New issue; No digest content identified]

Humanitarian Practice Network

<https://odihpn.org/>

Featured Publications

[**Call for action to the international community: support for civil society in Sudan is urgent and crucial**](#)

August 16, 2023

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 18, Issue 5, 2022

<https://www.tandfonline.com/toc/khvi20/18/5?nav=tocList>

[Reviewed earlier]

Immunity

Aug 08, 2023 Volume 56 Issue 8 p1699-1974

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

[New issue; No digest content identified]

Infectious Agents and Cancer

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Infectious Diseases of Poverty

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

[Accessed 26 Aug 2023]

[No new digest content identified]

International Health

Volume 15, Issue 4, July 2023

<https://academic.oup.com/inthealth/issue/15/4>

[Reviewed earlier]

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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International Journal of Community Medicine and Public Health

Vol. 10 No. 8 (2023): August 2023

<https://www.ijcmph.com/index.php/ijcmph/issue/view/103>

Original Research Articles

[**Assessment of knowledge, awareness and attitudes regarding the re-emerging outbreak of monkeypox among the health professionals in Bangladesh: a web based cross-sectional study**](#)

Faysal Ahmed Imran, Mst Eshita Khatun, Md Shahjahan, ABM Alauddin Chowdhury, Liton Baroi
2676-2683

DOI: [10.18203/2394-6040.ijcmph20232352](https://doi.org/10.18203/2394-6040.ijcmph20232352)

[**Compliance to post-exposure prophylaxis among patients attending anti-rabies vaccination clinic in a tertiary health care centre in central India: a cross sectional study**](#)

Nidhi P. Sastry, Jyotsna S. Deshmukh, Ashok R. Jadhao, Kalaivani M., Manisha D. Solanki, Vihangi V. Nitnaware

2890-2896

DOI: [10.18203/2394-6040.ijcmph20232384](https://doi.org/10.18203/2394-6040.ijcmph20232384)

International Journal of Epidemiology

Volume 52, Issue 4, August 2023

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

Editorial

[Co-evolution of epidemiology and artificial intelligence: challenges and opportunities](#)

Joonhoon Sung and John L Hopper

International Journal of Epidemiology, Volume 52, Issue 4, August 2023, Pages 969–973,

<https://doi.org/10.1093/ije/dyad089>

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

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

August 22/29, 2023, Vol 330, No. 8, Pages 677-778

US Preventive Services Task Force

Recommendation Statement

[Preexposure Prophylaxis to Prevent Acquisition of HIVUS Preventive Services Task Force Recommendation Statement](#)

US Preventive Services Task Force

free access has active quiz has audio

JAMA. 2023;330(8):736-745. doi:10.1001/jama.2023.14461

This 2023 Recommendation Statement from the US Preventive Services Task Force recommends that clinicians prescribe preexposure prophylaxis using effective antiretroviral therapy to persons at increased risk of HIV acquisition to decrease the risk of acquiring HIV (A recommendation).

Evidence Report

[Preexposure Prophylaxis for the Prevention of HIVUpdated Evidence Report and Systematic Review for the US Preventive Services Task Force](#)

Roger Chou, MD; Hunter Spencer, DO; Christina Bougatsos, MPH; et al.

free access has active quiz has audio

JAMA. 2023;330(8):746-763. doi:10.1001/jama.2023.9865

This systematic review to support the 2023 US Preventive Services Task Force Recommendation Statement on preexposure prophylaxis (PrEP) for prevention of HIV infection summarizes published evidence on the benefits and harms of PrEP, including newer regimens, for persons at increased risk of HIV acquisition.

[Audio: USPSTF Recommendation: Preexposure Prophylaxis to Prevent Acquisition of HIV](#)
Editorial

[PrEParing for the End of the HIV Epidemic—A Public Health Imperative](#)

Roger J. Bedimo, MD; Tomasz Jodlowski, PharmD

[Updated USPSTF Recommendations for Preexposure Prophylaxis—New Choices, New Obstacles](#)

Valeria D. Cantos, MD; Colleen F. Kelley, MD, MPH; Carlos del Rio, MD

[New USPSTF Guidelines for HIV Preexposure ProphylaxisWill More Choices Lead to Greater Impact?](#)

Albert Y. Liu, MD, MPH; Hyman M. Scott, MD, MPH; Susan P. Buchbinder, MD

Viewpoint

[Fair Allocation of Scarce CAR T-Cell Therapies for Relapsed/Refractory Multiple Myeloma](#)

Benjamin A. Derman, MD; William F. Parker, MD, PhD

free access

JAMA. 2023;330(8):687-688. doi:10.1001/jama.2023.11846

This Viewpoint discusses the unfairness of current CAR T-cell therapy allocation practices and offers alternative methods to more fairly allocate therapy.

August 15, 2023, Vol 330, No. 7, Pages 579-672

Viewpoint

[Vaccination Mandates—An Old Public Health Tool Faces New Challenges](#)

Lawrence O. Gostin, JD; Dorit Reiss, LLB, PhD; Michelle M. Mello, JD, PhD, MPhil

JAMA. 2023;330(7):589-590. doi:10.1001/jama.2023.11059

This Viewpoint discusses how federal vaccine requirements have helped thwart vaccine-preventable diseases as well as how growing public resistance to vaccines and judicial and legislative limits to vaccination mandates may change that.

August 8, 2023, Vol 330, No. 6, Pages 487-574

Research Letter

[Monoclonal Antibody and Oral Antiviral Treatment of SARS-CoV-2 Infection in US Nursing Homes](#)

Brian E. McGarry, PT, PhD; Benjamin D. Sommers, MD, PhD; Andrew D. Wilcock, PhD; et al.

JAMA. 2023;330(6):561-563. doi:10.1001/jama.2023.12945

This study examines the use of COVID-19 antiviral treatments in US nursing homes and the facility characteristics associated with use of oral antivirals and monoclonal antibodies.

Viewpoint

[Promoting Data Harmonization of COVID-19 Research in Pregnant and Pediatric Populations](#)

Jessica L. Gleason, PhD, MPH; Robert Tamburro, MD, MSc; Caroline Signore, MD, MPH

JAMA. 2023;330(6):497-498. doi:10.1001/jama.2023.10835

This Viewpoint investigates the use of common data elements to promote data harmonization in COVID-19–related studies of pediatric and pregnant populations.

JAMA Health Forum

August 2023, Vol 4, No. 8

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

[New issue; No digest content identified]

JAMA Pediatrics

August 2023, Vol 177, No. 8, Pages 745-874

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

[New issue; No digest content identified]

JBI Evidence Synthesis

August 2023 - Volume 21 - Issue 8
<https://journals.lww.com/jbisrir/Pages/currenttoc.aspx>
[New issue; No digest content identified]

Journal of Adolescent Health

September 2023 Volume 73 Issue 3 p401-610
<https://www.jahonline.org/current>
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Journal of Artificial Intelligence Research

Vol. 77 (2023)
<https://www.jair.org/index.php/jair>
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Journal of Community Health

Volume 48, issue 4, August 2023
<https://link.springer.com/journal/10900/volumes-and-issues/48-4>
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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>
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Journal of Development Economics

Volume 164 September 2023
<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/164/suppl/C>
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Journal of Empirical Research on Human Research Ethics

Volume 18 Issue 3, July 2023
<http://journals.sagepub.com/toc/jre/current>
[Reviewed earlier]

Journal of Epidemiology & Community Health

August 2023 - Volume 77 - 8
<https://jech.bmj.com/content/77/8>

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Journal of Evidence-Based Medicine

Volume 16, Issue 2 Pages: 101-258 June 2023

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

ARTICLES

[Reviewed earlier]

Journal of Global Ethics

Volume 19, Issue 1 (2023)

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

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

Volume 34, Number 3, August 2023

<https://muse.jhu.edu/issue/50808>

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Journal of Immigrant and Minority Health

Volume 25, issue 4, August 2023

<https://link.springer.com/journal/10903/volumes-and-issues/25-4>

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[**COVID-19 Vaccination Program for Undocumented Migrants: Notes from the Field of a Regional Center of General Medicine and Public Health, Canton of Vaud, Switzerland**](#)

Authors (first, second and last of 6)

Kevin Morisod, Justin Nikles, Patrick Bodenmann

Content type: Notes from the Field

Open Access

Published: 20 April 2023

Pages: 953 - 957

Journal of Immigrant & Refugee Studies

Volume 21, 2023 _ Issue 2

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

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Journal of Infectious Diseases

Volume 228, Issue 4, 15 August 2023

<https://academic.oup.com/jid/issue/228/4>

Perspective

[Now is the Time to Scale Up Birth-Dose Hepatitis B Vaccine in Low- and Middle-Income Countries](#)

Peyton Thompson and others

The Journal of Infectious Diseases, Volume 228, Issue 4, 15 August 2023, Pages 368–370,
<https://doi.org/10.1093/infdis/jiad026>

Fewer than half of the world's infants have access to the birth dose of hepatitis B vaccine, preventing mother-to-child transmission of hepatitis B virus and subsequent liver cancer. It is time to expand access for infants born in low-resource settings.

Covid-2019 Disease Pathogenesis

[Pandemic Preparedness and Response: Lessons From COVID-19](#)

Anthony S Fauci and Gregory K Folkers

The Journal of Infectious Diseases, Volume 228, Issue 4, 15 August 2023, Pages 422–425,
<https://doi.org/10.1093/infdis/jiad095>

The global experience with COVID-19 holds important lessons for preparing for, and responding to, future emergences of pathogens with pandemic potential.

Journal of International Development

Volume 35, Issue 6 Pages: 961-1548 August 2023

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

RESEARCH ARTICLES

[Development from a distance: Exploring an international non-profit's interactions with communities during the COVID-19 pandemic](#)

Ashley Peiffer, Michael Harte

Pages: 979-994

First Published: 03 November 2022

REVIEW ARTICLE

Open Access

Journal of Medical Ethics

August 2023 - Volume 49 - 8

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

Extended essay

[Analysis of the institutional landscape and proliferation of proposals for global vaccine equity for COVID-19: too many cooks or too many recipes?](#) (30 November, 2021)

Susi Geiger, Aisling McMahon

Journal of Patient-Centered Research and Reviews

Volume 10, Issue 3 (2023)

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

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The Journal of Pediatrics

Volume 261, October 2023

<https://www.sciencedirect.com/journal/the-journal-of-pediatrics/vol/261/suppl/C>
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<https://joppp.biomedcentral.com/>

[Accessed 26 Aug 2023]

[A qualitative assessment of the adverse effects associated with COVID-19 vaccines: a study from Jordan](#)

Authors: Rawan Al-Bawab, Rana Abu-Farha, Faris El-Dahiyat, Razan I. Nassar and Mohammed Zawiah
Content type: Research 10 August 2023

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 2, June 2023

<https://link.springer.com/journal/41271/volumes-and-issues/44-2>

Articles

[Reviewed earlier]

Journal of the Royal Society – Interface

August 2023 Volume 20 Issue 205

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

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Journal of Travel Medicine

Volume 30, Issue 4, May 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

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

Aug 26, 2023 Volume 402 Number 10403 p667-746, e10

Comment

[Strengthening Africa's voice on boards of global health initiatives](#)

Magda Robalo Correia e Silva, Pokuaa Oduro-Bonsrah, Purity Wambui, Mohamed Chakroun

Health Policy

[Setbacks in the quest for universal health coverage in Mexico: polarised politics, policy upheaval, and pandemic disruption](#)

Felicia Marie Knaul, et al.

Summary

2023 marks the 20-year anniversary of the creation of Mexico's System of Social Protection for Health and the Seguro Popular, a model for the global quest to achieve universal health coverage through health system reform. We analyse the success and challenges after 2012, the consequences of reform ageing, and the unique coincidence of systemic reorganisation during the COVID-19 pandemic to identify strategies for health system disaster preparedness. We document that population health and financial protection improved as the Seguro Popular aged, despite erosion of the budget and absent needed reforms. The Seguro Popular closed in January, 2020, and Mexico embarked on a complex, extensive health system reorganisation. We posit that dismantling the Seguro Popular while trying to establish a new programme in 2020–21 made the Mexican health system more vulnerable in the worst pandemic period and shows the precariousness of evidence-based policy making to political polarisation and populism. Reforms should be designed to be flexible yet insulated from political volatility and constructed and managed to be structurally permeable and adaptable to new evidence to face changing health needs. Simultaneously, health systems should be grounded to withstand systemic shocks of politics and natural disasters.

Aug 19, 2023 Volume 402 Number 10402 p585-666

Editorial

[Ending the HIV pandemic: preparing for the future](#)

The Lancet

Health Policy

[Transforming mental health systems globally: principles and policy recommendations](#)

Vikram Patel, et al.

Summary

A burgeoning mental health crisis is emerging globally, regardless of each country's human resources or spending. We argue that effectively responding to this crisis is impeded by the dominant framing of mental ill health through the prism of diagnostic categories, leading to an excessive reliance on interventions that are delivered by specialists; a scarcity of widespread promotive, preventive, and recovery-oriented strategies; and failure to leverage diverse resources within communities. Drawing upon a series of syntheses, we identify five principles to transform current practices; namely, address harmful social environments across the life course, particularly in the early years; ensure that care is not contingent on a categorical diagnosis but aligned with the staging model of mental illness; empower diverse front-line providers to deliver psychosocial interventions; embrace a rights-based approach that seeks to provide alternatives to violence and coercion in care; and centre people with lived experience in all aspects of care. We recommend four policy actions which can transform these principles into reality: a whole of society approach to prevention and care; a redesign of the architecture of care delivery to provide a seamless continuum of care, tailored to the severity of the mental health condition; investing more in what works to enhance the impact and value of the investments; and ensuring accountability through monitoring and acting upon a set of mental health

indicators. All these actions are achievable, relying—for the most part—on resources already available to every community and country. What they do require is the acceptance that business as usual will fail and the solutions to transforming mental health-care systems are already present within existing resources.

Aug 12, 2023 Volume 402 Number 10401 p503-584, e9

Editorial

[AI in medicine: creating a safe and equitable future](#)

The Lancet

[Excerpt]

...How then to ensure that AI is a force for good in medicine? The scientific community has a key role in rigorous testing, validation, and monitoring of AI. The UN is assembling a high-level advisory body to build global capacity for trustworthy, safe, and sustainable AI; it is crucial that health and medicine are well represented. An equitable approach will require a diversity of local knowledge. WHO has partnered with the International Digital Health and AI Research Collaborative to boost participation from LMICs in the governance of safe and ethical AI in health through cross-border collaboration and common guidance. But without investment in local infrastructure and research, LMICs will remain reliant on AI developed in the USA and Europe, and costs could be prohibitive without open access alternatives. At present, the pace of technological progress far outstrips the guidance, and the power imbalance between the medical community and technology firms is growing.

Allowing private entities undue influence is dangerous. The UN Secretary General has urged the Security Council to help ensure transparency, accountability, and oversight on AI. Regulators must act to ensure safety, privacy, and ethical practice. The EU's AI Act, for example, will require high risk AI systems to be assessed before approval and subjected to monitoring. Regulation should be a key concern of the first major global summit on AI safety, being held in the UK later this year. Although technology companies should be part of the regulatory conversation, there are already signs of resistance. Amazon, Google, and Epic have objected to proposed US rules to regulate AI in health technologies. The tension between commercial interests and transparency risks compromising patient wellbeing, and marginalised groups will suffer first.

There is still time for us to create the future we want. AI could continue to bring benefits if integrated cautiously. It could change practice for the better as an aid—not a replacement—for doctors. But doctors cannot ignore AI. Medical educators must prepare health-care workers for a digitally augmented future. Policy makers must work with technology firms, health experts, and governments to ensure that equity remains a priority. Above all, the medical community must amplify the urgent call for stringent regulation.

Comment

[The big catch-up in immunisation coverage after the COVID-19 pandemic: progress and challenges to achieving equitable recovery](#)

Katherine L O'Brien, Ephrem Lemango

The Lancet Child & Adolescent Health

Aug 2023 Volume 7 Number 8 p519-598

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

[Reviewed earlier]

Lancet Digital Health

Sep 2023 Volume 5 Number 9e 545-e631

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

Articles

[Effect of COVID-19 vaccination and booster on maternal–fetal outcomes: a retrospective cohort study](#)

Samantha N Piekos, et al.

Viewpoint

[Digital health funding for COVID-19 vaccine deployment across four major donor agencies](#)

Daniel Helldén, Sophia Tesfaye, Carine Gachen, Ann Lindstrand, Karin Källander

Summary

The international response to the COVID-19 pandemic provided opportunities for countries to use digital technologies for vaccine deployment and associated activities, but misaligned digital investments could weaken or fragment national systems. In this review of 311 funding applications from 120 country governments to four donor agencies (UNICEF; Gavi, the Vaccine Alliance; the Global Fund to Fight AIDS, Tuberculosis and Malaria; and the World Bank) up to May 1, 2022, we found that 272 (87%) of the applications included at least one digital aspect and that substantial funding has been dedicated towards digital aspects from donors. The majority of digital aspects concerned immunisation information systems, vaccine acceptance and uptake, and COVID-19 surveillance. As the global community sets its sights on a COVID-19-free world, continued coordinated investments in digital health and health information systems for pandemic preparedness and response will be key to strengthening the resilience of health systems.

Lancet Global Health

Aug 2023 Volume 11 Number 8 e1137-e1313

<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>

Comment

[Adapted vaccine strategy: facing the persistent challenges of COVID-19](#)

Lianhan Shang, Bin Cao

[Polio endgame complexity: updating expectations for nOPV2](#)

Kimberly M Thompson

[Pre-emptively tackling vaccine misinformation for a successful large-scale roll-out of malaria vaccines in Africa](#)

Boghuma K Titanji, et al.

Articles

[Omicron BA.1-containing mRNA-1273 boosters compared with the original COVID-19 vaccine in the UK: a randomised, observer-blind, active-controlled trial](#)

Ivan T Lee, et al. on behalf of the Study Investigators

[Safety, immunogenicity, and efficacy of the mRNA vaccine CS-2034 as a heterologous booster versus homologous booster with BBIBP-CorV in adults aged \$\geq 18\$ years: a randomised, double-blind, phase 2b trial](#)

Jun-Dong Wu, et al. for the CanSino COVID-19 Study Group

[All-cause and pathogen-specific lower respiratory tract infection hospital admissions in children younger than 5 years during the COVID-19 pandemic \(2020–22\) compared with the pre-pandemic period \(2015–19\) in South Africa: an observational study](#)

Alane Izu, et al.

[Early evaluation of the safety, reactogenicity, and immune response after a single dose of modified vaccinia Ankara–Bavaria Nordic vaccine against mpox in children: a national outbreak response](#)

Shamez N Ladhani, et al/

[Immunogenicity of novel oral poliovirus vaccine type 2 administered concomitantly with bivalent oral poliovirus vaccine: an open-label, non-inferiority, randomised, controlled trial](#)

Amanda L Wilkinson, et al.

Lancet Public Health

Sep 2023 Volume 8 Number 9 e659-e742

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

Editorial

[The path to Universal Health Coverage](#)

The Lancet Public Health

Lancet Respiratory Medicine

Aug 2023 Volume 11 Number 8 p663-754, e73-e77

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

Editorial

[Long COVID: confronting a growing public health crisis](#)

The Lancet Respiratory Medicine

Articles

[Safety and immunogenicity of heterologous boosting with orally aerosolised or intramuscular Ad5-nCoV vaccine and homologous boosting with inactivated vaccines \(BBIBP-CorV or CoronaVac\) in children and adolescents: a randomised, open-label, parallel-controlled, non-inferiority, single-centre study](#)

Tao Huang,

Series

Post-acute Sequelae of COVID-19

Respiratory sequelae of COVID-19: pulmonary and extrapulmonary origins, and approaches to clinical care and rehabilitation

Sally J Singh, et al.

Post-acute Sequelae of COVID-19

Mitigating neurological, cognitive, and psychiatric sequelae of COVID-19-related critical illness

Pratik Pandharipande, et al.

Post-acute Sequelae of COVID-19

Post-acute sequelae of COVID-19: understanding and addressing the burden of multisystem manifestations

Matteo Parotto, et al.

Maternal and Child Health Journal

Volume 27, issue 8, August 2023

<https://link.springer.com/journal/10995/volumes-and-issues/27-8>

[Reviewed earlier]

Medical Decision Making (MDM)

Volume 43 Issue 6, August 2023

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

[New issue; No digest content identified]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

Volume 101, Issue 2 Pages: 249-635 June 2023

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

[Reviewed earlier]

Molecular Therapy

Aug 02, 2023 Volume 31 Issue 8 p2299-2552

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

[Reviewed earlier]

Nature

Volume 620 Issue 7975, 24 August 2023

<https://www.nature.com/nature/volumes/620/issues/7975>

Review Article 23 Aug 2023

From target discovery to clinical drug development with human genetics

This Review provides a perspective on the development of non-cancer therapies based on human genetics studies and suggests measures that can be taken to streamline the pipeline from initial genetic discovery to approved therapy.

Katerina Trajanoska, laude Bhérer, Vincent Mooser

Article 02 Aug 2023

[Consent document translation expense hinders inclusive clinical trial enrolment](#)

The availability of translated consent documents improves recruitment of patients with limited English proficiency to clinical trials, indicating a potentially modifiable barrier to the inclusion of patients with limited English proficiency.

Maria A. Velez, Beth A. Glenn, Edward B. Garon

Volume 620 Issue 7974, 17 August 2023

<https://www.nature.com/nature/volumes/620/issues/7974>

[New issue; No digest content identified]

Volume 620 Issue 7973, 10 August 2023

<https://www.nature.com/nature/volumes/620/issues/7973>

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Nature Biotechnology

Volume 41 Issue 8, August 2023

<https://www.nature.com/nbt/volumes/41/issues/8>

[New issue; No digest content identified]

Nature Communications

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

(Accessed 26 Aug 2023)

[No new digest content identified]

Nature Genetics

Volume 55 Issue 8, August 2023

<https://www.nature.com/ng/volumes/55/issues/8>

[New issue; No digest content identified]

Nature Human Behaviour

Volume 7 Issue 8, August 2023

<https://www.nature.com/nathumbehav/volumes/7/issues/8>

Resource Open Access 06 Jul 2023

[A panel dataset of COVID-19 vaccination policies in 185 countries](#)

Emily Cameron-Blake, et al.

Abstract

We present a panel dataset of COVID-19 vaccine policies, with data from 01 January 2020 for 185 countries and a number of subnational jurisdictions, reporting on vaccination prioritization plans, eligibility and availability, cost to the individual and mandatory vaccination policies. For each of these indicators, we recorded who is targeted by a policy using 52 standardized categories. These indicators document a detailed picture of the unprecedented scale of international COVID-19 vaccination rollout

and strategy, indicating which countries prioritized and vaccinated which groups, when and in what order. We highlight key descriptive findings from these data to demonstrate uses for the data and to encourage researchers and policymakers in future research and vaccination planning. Numerous patterns and trends begin to emerge. For example: 'eliminator' countries (those that aimed to prevent virus entry into the country and community transmission) tended to prioritize border workers and economic sectors, while 'mitigator' countries (those that aimed to reduce the impact of community transmission) tended to prioritize the elderly and healthcare sectors for the first COVID-19 vaccinations; high-income countries published prioritization plans and began vaccinations earlier than low- and middle-income countries. Fifty-five countries were found to have implemented at least one policy of mandatory vaccination. We also demonstrate the value of combining this data with vaccination uptake rates, vaccine supply and demand data, and with further COVID-19 epidemiological data.

Nature Medicine

Volume 29 Issue 8, August 2023

<https://www.nature.com/nm/volumes/29/issues/8>

Editorial 16 Aug 2023

[We need a genomics-savvy healthcare workforce](#)

Twenty years after completion of the Human Genome Project, genetics is rapidly being integrated into everyday clinical practice. But in this era of genomic revolution, genetically trained teams of healthcare workers are needed to optimize delivery of patient care.

Review Article 20 Jul 2023

[Considerations for patient and public involvement and engagement in health research](#)

The authors generate a checklist of key considerations to guide patient and public involvement and engagement in future research, informed by lessons from the TLC study, which evaluated therapies for long COVID.

Olalekan Lee Aiyegbusi, Christel McMullan, David C. Wraith

Review Article 17 Jul 2023

[Large language models in medicine](#)

This review explains how large language models (LLMs), such as ChatGPT, are developed and discusses their strengths and limitations in the context of potential clinical applications.

Arun James Thirunavukarasu, Darren Shu Jeng Ting, Daniel Shu Wei Ting

Nature Reviews Drug Discovery

Volume 22 Issue 8, August 2023

<https://www.nature.com/nrd/volumes/22/issues/8>

Comment 14 Jun 2023

[eTRANSAFE: data science to empower translational safety assessment](#)

Thirteen pharmaceutical companies have shared and integrated preclinical and clinical data for creating computational resources that enhance translational drug safety assessment.

Ferran Sanz, François Pognan, David Wilkinson

Nature Reviews Genetics

Volume 24 Issue 8, August 2023

<https://www.nature.com/nrg/volumes/24/issues/8>

Editorial 18 Jul 2023

[A focus on single-cell omics](#)

Single-cell omics approaches are providing unprecedented insights into cellular function and dysfunction. This Editorial highlights the remarkable potential of these technologies and their profound impact on our understanding of biology and disease.

Nature Reviews Immunology

Volume 23 Issue 8, August 2023

<https://www.nature.com/nri/volumes/23/issues/8>

[New issue; No digest content identified]

New England Journal of Medicine

August 24, 2023 Vol. 389 No. 8

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

Perspective

[Outbreaks in U.S. Migrant Detention Centers — A Vaccine-Preventable Cause of Health Inequity](#) N.C. Lo and G.S. Gonsalves

Expanding beyond practices for Covid-19, the U.S. government could require systematic data collection and public reporting for all vaccine-preventable infectious diseases in migrant detention centers.

August 17, 2023 Vol. 389 No. 7

https://www.nejm.org/toc/nejm/389/7?query=main_nav_lg

Perspective

[Prioritizing Mental Health in the HIV/AIDS Response in Africa](#)

C. Godfrey and J. Nkengasong

August 10, 2023 Vol. 389 No. 6

Perspective

[Free the PrEP — Over-the-Counter Access to HIV Preexposure Prophylaxis](#)

D. Krakower and J.L. Marcus

njp Vaccines

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

[Accessed 26 Aug 2023]

Perspecgtive 18 Aug 2023

[Strategic considerations on developing a CHIKV vaccine and ensuring equitable access for countries in need](#)

Neil Cherian, Alison Bettis, Timothy Endy

Pediatrics

Volume 152, Issue 2 August 2023

<https://publications.aap.org/pediatrics/issue/152/2>

[Reviewed earlier]

PharmacoEconomics

Volume 41, issue 8, August 2023

<https://link.springer.com/journal/40273/volumes-and-issues/41-8>

[New issue; No digest content identified]

PLoS Biology

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

(Accessed 26 Aug 2023)

[No new digest content identified]

PLoS Genetics

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

(Accessed 26 Aug 2023)

[No new digest content identified]

PLOS Global Public Health

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

(Accessed 26 Aug 2023)

[Cost-effectiveness analysis of a maternal pneumococcal vaccine in low-income, high-burden settings such as Sierra Leone](#)

Gizem M. Bilgin, Syarifah Liza Munira, Kamalini Lokuge, Kathryn Glass

Research Article | published 24 Aug 2023 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0000915>

[Imagining a future in global health without visa and passport inequities](#)

Shashika Bandara, Zahra Zeinali, (Dian) Maria Blandina, Omid V. Ebrahimi, Mohammad Yasir Essar, Joyeuse Senga, Mehr Muhammad Adeel Riaz, Iwatutu Joyce Adewole, Marie-Claire Wangari

Opinion | published 23 Aug 2023 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0002310>

There is a growing and overdue recognition in recent years of visa and passport inequities as a significant barrier to global health education, practice, and participation. These inequities largely impact low- and middle-income country (LMIC) citizens, refugees, and asylum seekers, as highlighted by us, other affected individuals, and advocates for systemic change [1–3]. Examples illustrate a range of challenges including structurally discriminatory border control policies by high income countries (HICs), poor administrative due diligence in visa processes, lack of professionalism and inconsistency in assessment procedures during visa interviews or at customs, disregard for extended visa processing timelines by event organizers, associated high costs and ignorance of visa challenges by event organizers, academic institutions, and organizations [3–5]. While highest level of restrictions are imposed by countries in the Global North, it is crucial to note that visa and passport discrimination against LMIC citizens are practiced by countries in the Global South as well [6, 7]...

[Impact of COVID-19 on routine childhood immunisations in low- and middle-income countries: A scoping review](#)

Milena Dalton, Benjamin Sanderson, Leanne J. Robinson, Caroline S. E. Homer, William Pomat, Margie Danchin, Stefanie Vaccher

Research Article | published 23 Aug 2023 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0002268>

Abstract

Routine vaccines are critical to child health. The COVID-19 pandemic significantly impacted essential health services, particularly in low-and middle-income countries (LMICs). We reviewed literature to determine the impact of COVID-19 on service delivery and uptake of routine childhood immunisation in LMICs. We reviewed papers published between March 2020 and June 2022 using a scoping review framework, and assessed each paper across the World Health Organisation health system strengthening framework. Our search identified 3,471 publications; 58 studies were included. One-quarter of studies showed routine childhood immunisation coverage declined (10% to 38%) between 2019 to 2021. Declines in the number of vaccine doses administered (25% to 51%), timeliness (6.2% to 34%), and the availability of fixed and outreach services were also reported. Strategies proposed to improve coverage included catch-up activities, strengthening supply chain and outreach services. Re-focusing efforts on increasing coverage is critical to improve child health and reduce the likelihood of disease outbreaks.

[Rotavirus vaccine product switch in Ghana: An assessment of service delivery costs, switching costs, and cost-effectiveness](#)

Richmond Owusu, Mercy Mvundura, Justice Nonvignon, George Armah, John Bawa, Kwadwo Odei Antwi-Agyei, Kwame Amponsa-Achiano, Frederick Dadzie, George Bonsu, Andrew Clark, Clint Pecenka, Frederic Debellut

Research Article | published 09 Aug 2023 PLOS Global Public Health

<https://doi.org/10.1371/journal.pgph.0001328>

PLoS Medicine

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

(Accessed 26 Aug 2023)

[No new digest content identified]

PLoS Neglected Tropical Diseases

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

(Accessed 26 Aug 2023)

[Optimizing the delivery of self-disseminating vaccines in fluctuating wildlife populations](#)

Courtney Schreiner, Andrew Basinski, Christopher Remien, Scott Nuismer

Research Article | published 18 Aug 2023 PLOS Neglected Tropical Diseases

<https://doi.org/10.1371/journal.pntd.0011018>

Abstract

Zoonotic pathogens spread by wildlife continue to spill into human populations and threaten human lives. A potential way to reduce this threat is by vaccinating wildlife species that harbor pathogens that are infectious to humans. Unfortunately, even in cases where vaccines can be distributed en masse as edible baits, achieving levels of vaccine coverage sufficient for pathogen elimination is rare. Developing

vaccines that self-disseminate may help solve this problem by magnifying the impact of limited direct vaccination. Although models exist that quantify how well these self-disseminating vaccines will work when introduced into temporally stable wildlife populations, how well they will perform when introduced into populations with pronounced seasonal population dynamics remains unknown. Here we develop and analyze mathematical models of fluctuating wildlife populations that allow us to study how reservoir ecology, vaccine design, and vaccine delivery interact to influence vaccine coverage and opportunities for pathogen elimination. Our results demonstrate that the timing of vaccine delivery can make or break the success of vaccination programs. As a general rule, the effectiveness of self-disseminating vaccines is optimized by introducing after the peak of seasonal reproduction when the number of susceptible animals is near its maximum.

PLoS One

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

[Accessed 26 Aug 2023]

[Impact of vaccine measures on the transmission dynamics of COVID-19](#)

Hua Liu, Xiaotao Han, Xiaofen Lin, Xinjie Zhu, Yumei Wei

Research Article | published 25 Aug 2023 PLOS ONE

<https://doi.org/10.1371/journal.pone.0290640>

[Religious diversity and public health: Lessons from COVID-19](#)

Lea Taragin-Zeller, Tamar Berenblum, Estefania Brasil, Yael Rozenblum, Ayelet Baram-Tsabari

Research Article | published 24 Aug 2023 PLOS ONE

<https://doi.org/10.1371/journal.pone.0290107>

[Understanding COVID-19 vaccine hesitancy in Pakistan: The paradigm of confidence, convenience, and complacency; A cross-sectional study](#)

Naveen Siddique Sheikh, Mumtaz Touseef, Riddah Sultan, Kanwal Hassan Cheema, Sidra Shafiq Cheema, Afia Sarwar, Haniya Zainab Siddique

Research Article | published 16 Aug 2023 PLOS ONE

<https://doi.org/10.1371/journal.pone.0289678>

[Factors associated with pentavalent vaccine coverage among 12-23-month-old children in Afghanistan: A cross-sectional study](#)

Muhammad Kamel Frozanfar, Nobuyuki Hamajima, Said Hafizullah Fayaz, Abdullah Darman Rahimzad, Hedayatullah Stanekzai, Souphalak Inthaphatha, Kimihiro Nishino, Eiko Yamamoto

Research Article | published 08 Aug 2023 PLOS ONE

<https://doi.org/10.1371/journal.pone.0289744>

PLoS Pathogens

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

[Accessed 26 Aug 2023]

[No new digest content identified]

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

August 22, 2023 vol. 120 no. 34

<https://www.pnas.org/toc/pnas/120/34>

Research Article August 14, 2023

[Automating hybrid collective intelligence in open-ended medical diagnostics](#)

Ralf H. J. M. Kurvers, [Andrea Giovanni Nuzzolese](#), [...] [Vito Trianni](#)

Collective intelligence has emerged as a powerful mechanism to boost decision accuracy across many domains, such as geopolitical forecasting, investment, and medical diagnostics. However, collective intelligence has been mostly applied to relatively simple decision tasks (e.g., binary classifications). Applications in more open-ended tasks with a much larger problem space, such as emergency management or general medical diagnostics, are largely lacking, due to the challenge of integrating unstandardized inputs from different crowd members. Here, we present a fully automated approach for harnessing collective intelligence in the domain of general medical diagnostics.

PNAS Nexus

Volume 2, Issue 6 June 2023

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

[Reviewed earlier]

Prehospital & Disaster Medicine

Volume 38 - Issue 4 - August 2023

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

[New issue; No digest content identified]

Preventive Medicine

Volume 173 August 2023

<https://www.sciencedirect.com/journal/preventive-medicine/vol/173/suppl/C>

[Reviewed earlier]

Proceedings of the Royal Society B

30 August 2023 Volume 290 Issue 2005

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

[New issue; No digest content identified]

Public Health

Volume 221 Pages 1-216 (August 2023)

<https://www.sciencedirect.com/journal/public-health/vol/221/suppl/C>

[Reviewed earlier]

Public Health Ethics

Volume 16, Issue 2, July 2023

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

[Reviewed earlier]

Public Health Genomics

2023, Vol. 26, No. 1

<https://karger.com/phg/issue/26/1>

[Reviewed earlier]

Public Health Reports

Volume 138 Issue 4, July/August 2023

<https://journals.sagepub.com/toc/phrg/138/4>

[Reviewed earlier]

Qualitative Health Research

Volume 33 Issue 10, August 2023

Research article Open Access First published July 4, 2023pp. 815–827

[**Conducting Social Science Research During Epidemics and Pandemics: Lessons Learnt**](#)

Jennifer I. Van Nuil, et al.

Abstract

The COVID-19 pandemic has had a significant impact on how field-based research is being conducted globally. Given the challenges of undertaking fieldwork during epidemics and the need for mixed methods research to address the social, political, and economic issues related to epidemics, there is a small but growing body of evidence in this area. To contribute to the logistical and ethical considerations for conducting research during a pandemic, we draw on the challenges and lessons learnt from adapting methods for two research studies conducted in 2021 during the COVID-19 pandemic in low- and middle-income country (LMIC) settings: (1) in-person research in Uganda and (2) combined remote and in-person research in South and Southeast Asia. Our case studies focus on data collection and demonstrate the feasibility of conducting mixed methods research, even with many logistical and operational constraints. Social science research is often used to identify the context of specific issues, to provide a needs assessment, or inform longer-term planning; however, these case studies have shown the need to integrate social science research from the start of a health emergency and in a systematic way. Social science research during future health emergencies can also inform public health responses during the emergency. It is also crucial to collect social science data after health emergencies to inform future pandemic preparedness. Finally, researchers need to continue research on other public health issues that are ongoing even during a public health emergency.

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 26 Aug 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

21 Aug 2023

[**A COVID-19 vaccination program for high-risk children aged 12–17 years in Curacao**](#)

Original research | English |

21 Aug 2023

[**Prevalence of human leptospirosis in the Americas: a systematic review and meta-analysis**](#)

Review | English |

21 Aug 2023

[**Strengthening regional governance and the health care network in small municipalities in Brazil**](#)

Original research | Portuguese |

21 Aug 2023

[**Using mixed methods to understand and tackle barriers to accessing health services**](#)

Special report | English |

21 Aug 2023

[**Schistosomiasis, soil-transmitted helminthiases and sanitation in Latin America and the Caribbean: a systematic review**](#)

Review | Portuguese |

10 Aug 2023

[**Early impact of COVID-19 vaccination on older populations in four countries of the Americas, 2021**](#)

Original research | English |

Risk Analysis

Volume 43, Issue 8 Pages: 1521-1707 August 2023

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

[New issue; No digest content identified]

Risk Management and Healthcare Policy

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

[Accessed 26 Aug 2023]

Original Research

[**Uptake, Safety and Attitudes Towards COVID-19 Vaccination: A Cross-Sectional Study on First and Second Doses Among the General Public**](#)

Mahmoud MA, Ibrahim A, Alharbi F, Alalawi AM, Alnezary F, Aldafiri A, Alahmadi Y, Alolayan SO, Althaqfan SS, Alsultan MM, Omer S, Alsahly MB

Science

Volume 381 | Issue 6660 | 25 Aug 2023

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

[New issue; No digest content identified]

Volume 381 | Issue 6659 | 18 Aug 2023

<https://www.science.org/toc/science/381/6659>

Editorial

[No democracy, no academia](#)

[Einat Albin](#) , [Shikma Bressler](#) , [Asya Rolls](#) , [Michal Schwartz](#) , and [Ehud Shapiro](#) [Authors Info & Affiliations](#)

Science 17 Aug 202

Over the past 30 weeks, Israel has been undergoing an upheaval marked by unprecedented attacks by the government on the independence of its judiciary, attorney general, government legal advisers, police, military, public broadcasting, and religious freedom. This assault on democratic institutions and principles is an imminent threat to Israeli academia, which relies on a solid democratic foundation. In response, universities, academics, and students have emerged as key proponents of ongoing protests under the banner, “No democracy, no academia.”...

...Israel now finds itself at the vanguard of countries descending rapidly into a “hollow democracy” with weakened academia. To oppose this demise, the global academic community must unite and work together vigorously to resist attempts in Israel to undermine academic freedom. Petitions from academics around the world, national and global academic and scientific societies, and scientific policy organizations worldwide, and other peaceful means to raise awareness of the situation are needed immediately if scholarship and the pursuit of knowledge are to be safeguarded throughout the world.

Volume 381 | Issue 6658 | 11 Aug 2023

<https://www.science.org/toc/science/381/6658>

Editorial

[Generative approach to research integrity](#)

BY H. Holden Thorp

10 Aug 2023

Science and Engineering Ethics

Volume 29, issue 4, August 2023

<https://link.springer.com/journal/11948/volumes-and-issues/29-4>

Articles

[Co-creating Research Integrity Education Guidelines for Research Institutions](#)

Authors (first, second and last of 10)

Krishma Labib

Natalie Evans

Joeri Tjeldink

Content type: Original Research/Scholarship

Open Access

Published: 20 July 2023

Article: 28

Science Translational Medicine

Volume 15 | Issue 710 | 23 Aug 2023

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

Research Articles

[The RSVPreF3-AS01 vaccine elicits broad neutralization of contemporary and antigenically distant respiratory syncytial virus strains](#)

BY Lionel Sacconnay, et al.

23 Aug 2023

RSVPreF3-AS01 vaccination potentially boosted neutralization responses against antigenically distinct RSV strains in both animal models and older adults.

Volume 15 | Issue 709 | 16 Aug 2023

<https://www.science.org/toc/stm/15/709>

Research Articles

[Polymer nanoparticles deliver mRNA to the lung for mucosal vaccination](#)

BY Alexandra Suberi, et al.

16 Aug 2023

Inhaled polymer nanoparticles achieve high mRNA expression in the lung and induce protective immunity against SARS-CoV-2.

Volume 15 | Issue 708 | 9 Aug 2023

<https://www.science.org/toc/stm/15/708>

[New issue; No digest content identified]

Scientific Reports

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Social Science & Medicine

Volume 330 August 2023

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/330/suppl/C>

[New issue; No digest content identified]

Systematic Reviews

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

[Accessed 26 Aug 2023]

[No new digest content identified]

Theoretical Medicine and Bioethics

Volume 44, issue 3, June 2023

<https://link.springer.com/journal/11017/volumes-and-issues/44-3>

[Reviewed earlier]

Travel Medicine and Infectious Diseases

Volume 54 July–August 2023

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/54/suppl/C>

Editorial Open access

[The global challenges of the long COVID-19 in adults and children](#)

Alfonso J. Rodriguez-Morales, María Camila Lopez-Echeverri, Maria Fernanda Perez-Raga, Valentina Quintero-Romero, ... Rolando Ulloa-Gutiérrez

Article 102606

Research article Open access

[The silent, rapidly unfolding threat of mpox spread via international travel to Southeast Asia: Are we ready?](#)

Wasin Matsee, Sakarn Charoensakulchai, I Made Ady Wirawan, Hisham A. Imad

Article 102597

Tropical Medicine & International Health

Volume 28, Issue 8 Pages: i-iv, 587-687 August 2023

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

REVIEWS

[COVID-19 vaccine acceptance among people living with HIV: A systematic review and meta-analysis](#)

Janet Yohannes Ejamo, Gebrehiwot Lema Legese, Yeabsira Aklilu Tesfaye, Fitsum Endale Liben

Pages: 601-611

First Published: 04 July 2023

Vaccine

Volume 41, Issue 38 Pages 5483-5670 (31 August 2023)

<https://www.sciencedirect.com/journal/vaccine/vol/41/issue/38>

Selected Content

Editorial

[Trust and science: Public health's home field advantage in addressing vaccine hesitancy and improving immunization rates](#)

Peter J. Pitts, Gregory A. Poland

Pages 5483-5485

Review article Abstract only

[Interventions for increasing the uptake of immunisations in healthcare workers: A systematic review](#)

Jane Tuckerman, Kathryn Riley, Sebastian Straube, Hassen Mohammed, ... Helen S. Marshall

Pages 5499-5506

Research article Abstract only

[Beyond the numbers: An in-depth look at Cameroon's fifth national COVID-19 vaccination campaign through geographical and gender lenses](#)

Adidja Amani, Andreas Ateke Njoh, Phionah Atuhebwe, Shalom Ndoula, ... Abdou Salam Gueye

Vaccines

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

[Accessed 26 Aug 2023]

Latest Articles

Open Access Systematic Review

[Scoping Review on Barriers and Challenges to Pediatric Immunization Uptake among Migrants: Health Inequalities in Italy, 2003 to Mid-2023](#)

by [Samina Sana](#), et al.

, Vaccines 2023, 11(9), 1417; <https://doi.org/10.3390/vaccines11091417> - 25 Aug 2023

Abstract

In the aftermath of the COVID-19 pandemic, asylum seekers, refugees, and foreign-born migrants are more likely to suffer from physical, mental, and socioeconomic consequences owing to their existing vulnerabilities and worsening conditions in refugee camps around the world. In this scenario, the education [...] [Read more.](#)

Open Access Review

[Efficacy and Safety of Vaccinations in Geriatric Patients: A Literature Review](#)

by [Tiziana Ciarambino](#)

Vaccines 2023, 11(9), 1412; <https://doi.org/10.3390/vaccines11091412> - 24 Aug 2023

Abstract

With the progressive lengthening of the average age of the population, especially in some countries such as Italy, vaccination of the elderly is a fixed point on which most of the public health efforts are concentrating as epidemic infectious diseases, especially those of [...]

Value in Health

August 2023 Volume 26 Issue 8 p1137-1282

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

[Reviewed earlier]

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.....

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:: [WHO](#)

:: [Organization Announcements](#)

:: [Journal Watch](#)

:: [Pre-Print Servers](#)

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Pre-Print Servers

Gates Open Research

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

[Accessed 26 Aug 2023]

Selected Research

[No new digest content identified]

medRxiv

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

[Accessed 26 Aug 2023]

[Filter: All articles]

Selected Research

[Addressing tuberculosis in artisanal and small-scale mining activities in sub-Saharan Africa: meta-analysis and a call for actions](#)

Daniel Garhalangwanamuntu Mayeri, Richard Mbusa Kambale, Patrick Musole Bugeme, Gaylor Amani Ngaboyeka, Charles Mushagalusa, Franck Mugisho Zahinda, Jacques Lukenze Tamuzi, Patrick Cimusa Katoto

medRxiv 2023.08.24.23294543; doi: <https://doi.org/10.1101/2023.08.24.23294543>

[Genomic epidemiology of the cholera outbreak in Malawi 2022-2023](#)

Lucious Chabuka, Wonderful T. Choga, Carla N. Mavian Dr, Monika Moir Dr, Houriiyah Tegally Dr, Eduan Wilkinson Dr, Yeshnee Naidoo Dr, Rhys Inward Dr, Christian Morgenstern Dr, Samir Bhatt Dr, Willian G.R Wint Dr, Kamran Khan Dr, Isaac I. Bogoch Dr, Moritz U.G Kraemer Dr, Cheryl Baxter Dr, Massimiliano Tagliamonte Dr, Marco Salemi Prof, Richard Lessells Dr, Collins Mitambo Dr, Ronald Chitatanga Dr, Joseph B. Bango Dr, Mabvuto Chiwaula Dr, Yollamu Chavula Dr, Mphatso Bukhu Dr, Happy Manda Dr, Moses Chitenje Dr, Innocent Malolo Dr, Alex Mwanyongo Dr, Bernard Mvula Dr, Mirrium Nyenje Dr, Tulio de Oliveira, Mathew Kagoli Dr

medRxiv 2023.08.22.23294324; doi: <https://doi.org/10.1101/2023.08.22.23294324>

[The Clinical Effectiveness of One-Dose HPV Vaccine: A meta-analysis of 902,368 vaccinated women](#)

Didik Setiawan, Nunuk Aries Nurulita, Sudewi Mukaromah, Maarten J Postma

medRxiv 2023.08.17.23294214; doi: <https://doi.org/10.1101/2023.08.17.23294214>

[Evaluation of School Vaccine Coverage and Medical Vaccine Exemptions Following the Repeal of School Entry Nonmedical Vaccine Exemption Options in New York State](#)

John W. Correia, Rhiannon Kamstra, Nanqing Zhu, Margaret K. Doll

medRxiv 2023.08.17.23294227; doi: <https://doi.org/10.1101/2023.08.17.23294227>

[Internal and external factors affecting vaccination coverage: modeling the interactions between vaccine hesitancy, accessibility, and mandates](#)

Kerri-Ann Anderson, Nicole Creanza

medRxiv 2022.09.20.22280174; doi: <https://doi.org/10.1101/2022.09.20.22280174> Revision

[Mapping COVID-19 vaccine acceptance and uptake amongst Chinese residents: A systematic review and meta-analysis](#)

Hassan Masood, Syed Irfan

medRxiv 2023.08.09.23293915; doi: <https://doi.org/10.1101/2023.08.09.23293915>

[Published benefits of ivermectin use in Itajaí, Brazil for COVID-19 infection, hospitalisation, and mortality are entirely explained by statistical artefacts](#)

Robin Mills, Ana Carolina Peçanha Antonio, Greg Tucker-Kellogg
medRxiv 2023.08.10.23293924; doi: <https://doi.org/10.1101/2023.08.10.23293924>

[WASH interventions and child diarrhea at the interface of climate and socioeconomic position in Bangladesh](#)

Pearl Anne Ante-Testard, Francois Rerolle, Anna T. Nguyen, Sania Ashraf, Sarker Masud Parvez, Abu Mohammed Naser, Tarik Benmarhnia, Mahbubur Rahman, Stephen P. Luby, Jade Benjamin-Chung, Benjamin F. Arnold
medRxiv 2023.08.09.23293893; doi: <https://doi.org/10.1101/2023.08.09.23293893>

[Estimated population-level impact of pneumococcal conjugate vaccines against all-cause pneumonia mortality among unvaccinated age groups in five Latin American countries](#)

Ottavia Prunas, Kayoko Shioda, Cristiana M. Toscano, Magdalena Bastias, Maria Teresa Valenzuela-Bravo, Janepsy Diaz Tito, Joshua L. Warren, Daniel M. Weinberger, Lucia H. de Oliveira
medRxiv 2023.08.08.23293814; doi: <https://doi.org/10.1101/2023.08.08.23293814>

[Water, Sanitation and Hygiene Interventions in Schools for Effective Pandemic Response in Low and Middle-Income Countries: Scoping review protocol](#)

Gladys Chepkorir Seroney, Gugu Gladness Mchunu, Kabelo Kgarosi, Ng'wena Asha Gideon Magak
medRxiv 2023.08.09.23293884; doi: <https://doi.org/10.1101/2023.08.09.23293884>

[Parental intention, attitudes, beliefs, trust and deliberation towards childhood vaccination in the Netherlands in 2022: Indications of change compared to 2013](#)

Marthe Knijff, Alies van Lier, Maartje Boer, Marion de Vries, Jeanne-Marie Hament, Hester E. de Melker
medRxiv 2023.07.24.23291934; doi: <https://doi.org/10.1101/2023.07.24.23291934> Revision

[Value of information dynamics in Disease X vaccine clinical trials](#)

Nicolas Houy, Julien Flaig
medRxiv 2023.05.26.23290603; doi: <https://doi.org/10.1101/2023.05.26.23290603> Revision

[Effectiveness of one dose of killed oral cholera vaccine in an endemic community in the Democratic Republic of Congo: A matched case-control study](#)

Espoir Bwenge Malambaka, Patrick Musole Bugeme, Chloe Hutchins, Hanmeng Xu, Juan Dent Hulse, Maya N. Demby, Karin Gallandat, Jaime Mufitini Saidi, Baron Bashige Rumedeka, Moïse Itongwa, Esperance Tshiwedi-Tsilabia, Faïda Kitoga, Tavia Bodisa-Matamu, Hugo Kavunga-Membo, Justin Bengehya, Jean-Claude Kulondwa, Amanda K Debes, Nagède Taty, Elizabeth C. Lee, Justin Lessler, Daniel T Leung, Oliver Cumming, Placide Welo Okitayemba, Daniel Mukadi-Bamuleka, Jackie Knee, Andrew S Azman
medRxiv 2023.08.07.23293369; doi: <https://doi.org/10.1101/2023.08.07.23293369>

Background

A global shortage of cholera vaccines has increased use of single-dose regimens, rather than the standard two-dose regimen. There is limited evidence on single-dose protection, particularly in children. In late 2020 a mass vaccination campaign was conducted in Uvira, a cholera endemic urban setting in eastern Democratic Republic of the Congo. Coverage surveys showed that the majority of vaccinated people received only one dose. We examined the effectiveness of a single-dose of the oral cholera vaccine Euvichol-plus in this high-burden setting....

Interpretation

A single-dose of Euvichol-Plus provided substantial protection against medically-attended cholera for at least 31 months post-vaccination in this cholera endemic setting.

COVID-19 among migrants, refugees, and internally displaced persons: systematic review, meta-analysis and qualitative synthesis of the global empirical literature

Maren Hintermeier, Nora Gottlieb, Sven Rohleder, Jan Oppenberg, Mazen Baroudi, Sweetmavourneen Pernitez-Agan, Janice Lopez, Sergio Flores, Amir Mohsenpour, Kolitha Wickramage, Kayvan Bozorgmehr
medRxiv 2023.08.03.23293586; doi: <https://doi.org/10.1101/2023.08.03.23293586>

...Interpretation

Even in the advanced stages of the pandemic, migrants faced higher infection risks and disproportionately suffered from the consequences of COVID-19 disease, including deaths. Population-level interventions in future health emergencies must better consider socio-economic, structural and community-level exposures to mitigate risks among migrants and enhance health information systems, to close coverage gaps in migrant groups.

OSF Pre-prints

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

[Provider Filter: OSF Pre-prints Subject filters: Arts & Humanities; Education, Life Sciences; Medicine and Health Sciences; Social and Behavioral Sciences]

We observe increasing levels of "posting pollution" by individuals, sometimes posting 10+ items of no value. We will resume selective monitoring beginning in September.

Wellcome Open Research

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

[Accessed 26 Aug 2023]

Selected Research

Study ProtocolOpen Access

Health technology assessment implementation in WHO South-East Asia Region: a realist review protocol [version 1; peer review: awaiting peer review]

Elstin Anbu Raj, et al.

Abstract

Background: A robust Health Technology Assessment (HTA) mechanism is crucial to address the rising burden of healthcare costs and expenditures of patients. This research aims to describe the HTA methods and mechanisms for successful implementation of HTA in the WHO South-East Asia region, and contextualize the synthesized evidence relevant to Indian settings.

Methods: Realist review involves developing a program theory by conducting a systematic search strategy, screening, study selection, data extraction, and data synthesis. A systematic search for literature will be conducted on PubMed (NCBI), EMBASE (Elsevier), Scopus (Elsevier), Web of Science (Clarivate), and ProQuest Central for identifying the methods used for HTA of health technology interventions. Stakeholder consultations will be conducted to develop a program theory following the Context-Mechanism-Outcome configurations (CMOCs) framework. Searches for primary evidence will be conducted iteratively. Data will be extracted and tested against the programme theory. The proposed realist review will be reported as per the Realist and Meta-narrative Evidence Syntheses: Evolving Standards [RAMESES II] guidelines.

Conclusions: To our knowledge, there has been no comprehensive review conducted to understand the

mechanisms of HTA methods in the WHO South-East Asia region. The findings from the realist review will help us understand the mechanisms through which the HTA could work in WHO South-East Asian countries. We will then contextualize the findings obtained from evidence to Indian settings, based on program theory development through stakeholder consultation. A framework will be developed that can be used by policymakers/HTA experts in India for effective implementation of the same.

Review/Open Access

[Universal iron supplementation: the best strategy to tackle childhood anaemia in malaria-endemic countries?](#) [version 1; peer review: awaiting peer review]

Roshan Karthikappallil, Sarah H. Atkinson

Abstract

Iron deficiency presents a major public health concern in many malaria-endemic regions, and both conditions affect young children most severely. Daily iron supplementation is the standard public health intervention recommended to alleviate rates of iron deficiency in children, but there is controversy over whether universal supplementation could increase the incidence and severity of malaria infection. Current evidence suggests that iron supplementation of deficient individuals is safe and effective in high-transmission settings when accompanied by malaria prevention strategies. However, low-resource settings often struggle to effectively control the spread of malaria, and it remains unclear whether supplementation of iron replete individuals could increase their risk of malaria and other infections. This review explores the evidence for and against universal iron supplementation programmes, and alternative strategies that could be used to alleviate iron deficiency in malaria-endemic areas, while minimising potential harm.

Study Protocol/Open Access

[Ethical issues of involving people with intellectual disabilities in genomic research: a scoping review protocol](#) [version 1; peer review: awaiting peer review]

Dorothy Chepkirui, Patricia Kipkemoi, Mary Bitta, Eli Harris, Rosemary Musesengwa, Dorcas Kamuya

Abstract

Background: Psychiatric genomic research is a growing field of research in Africa that is looking at epigenetics of psychiatric disorders; within which a specific focus is neurodevelopmental disorders including intellectual disability (ID). Conducting this type of research is important to identify etiologies and possible interventions or areas for further research. However, genomic research generally, and psychiatric genomic research, faces many social, ethical, cultural, and legal issues; research involving people with ID is particularly challenging. All research stakeholders - researchers, research review bodies, regulators, patient groups - generally agree that involving people with ID require several considerations, including extra protection. It is also recognized that not involving people with ID in research that is relevant to them means that opportunities to learn on specific issues including lived experiences are missed. In this scoping review, we aim to describe the range of ethical and social-cultural issues concerning involvement of people with intellectual disability in genomic research from existing literature.

Methods: This scoping review will be conducted based on the Joanna Briggs Institute guidance for scoping review and reported using the PRISMA-ScR guidelines. Iterative review stages will include systematic search of six databases (Embase, Ovid Global Health, PubMed, Scopus, PsycInfo and Web of Science core collection), screening, charting and synthesis of the data. Forward and backward citation screening will also be done for the articles included in the final review. We will include peer reviewed journal articles, guidance documents and reports. Screening and selection of studies based on the eligibility criteria will be done independently by three reviewers; conflicts will be resolved through discussion with a third reviewer and other experts.

Results: The results will be included in the scoping review publication.

Conclusions: This scoping review will identify key areas of ethical tensions and possible solutions and inform opportunities for empirical ethics studies.

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Think Tanks

Brookings [to 26 Aug 2023]

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

Latest Research [Selected]

No new digest content identified.

Center for Global Development [to 26 Aug 2023]

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

All Research [Selected]

CGD NOTES

[The When is Less Important than the What: An Epidemic Scale as an Alternative to the World Health Organization's Public Health Emergency of International Concern](#)

Victoria Fan et al.

August 18, 2023

The World Health Organization (WHO) declared the end of the Public Health Emergency of International Concern (PHEIC) for COVID-19 on May 5 and for mpox on May 11, 2023. Throughout its use, the meaning of the PHEIC has been muddled. We call for a new, objective epidemic scale that better communicates...

CGD NOTES

[Improving Health System Performance in Mexico](#)

Karla Unger-Saldaña et al.

August 09, 2023

Assessment of health system performance is a complex task, especially amid major political change, structural reforms, and a global pandemic. The Health Policy paper by Felicia Marie Knaul and colleagues in The Lancet identifies many challenges to improving the performance of the Mexican health syst...

POLICY PAPERS

[The Not-So-Invisible Hand of "Stewardship," Within and Beyond Antibiotics: Implications of Non-Monetary Pharmaceutical Controls for Access to Medicines](#)

Rachel Silverman Bonnifield and Katherine Klemperer

August 07, 2023

A main driver of antimicrobial resistance is the misuse and overuse of antimicrobials. But lack of access to antimicrobials causes a large mortality burden and contributes to the spread of resistant infections. How can learnings from the use of control policies in other areas of medicine be transla

Chatham House [to 26 Aug 2023]

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

Council on Foreign Relations [to 26 Aug 2023]

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

CSIS [to 26 Aug 2023]

<https://www.csis.org/>
Selected Reports, Events

[Finding Safe Harbors for Development Impact: Navigating U.S.-China Stormy Waters for the Global Public Good](#)

Game-changing opportunities for social impact in health, climate change, and food security are within reach but will depend on new mechanisms enabling collaborations among partners in the United States and China to proceed in informed, geopolitically sensitive ways.
Brief by Steve Davis — August 23, 2023

Kaiser Family Foundation [to 26 Aug 2023]

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

McKinsey Global Institute [to 26 Aug 2023]

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

[From poverty to empowerment: Raising the bar for sustainable and inclusive growth](#)

August 25, 2023 | Report

By [Anu Madgavkar](#), [Sven Smit](#), [Mekala Krishnan](#), [Kevin Russell](#), [Rebecca J. Anderson](#), [Jonathan Woetzel](#), [Kweilin Ellingrud](#), and [Tracy Francis](#)

What would it take to raise minimum living standards and get on a net-zero path in this decade? Our research explores twin ambitions for people and the planet.

ODI [Overseas Development Institute] [to 26 Aug 2023]

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

Pew Research Center [to 26 Aug 2023]

<https://www.pewresearch.org/>
Latest Publications [Selected]

No new digest content identified.

Rand [to 26 Aug 2023]

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

Published Research [Selected]

Report

[A Brief Overview of Emerging Vaccine Technologies for Pandemic Preparedness](#)

This report characterizes trends and strategic implications associated with pandemic preparedness in the United States, China, and Russia, focusing on vaccine technologies, broad-spectrum medical countermeasures, and immunization facilitation.

Aug 17, 2023

Annette Prieto, Robert Huang, Christopher A. Eusebi, Melissa Shostak

Key Findings

- Vaccines have multiuse applications that not only protect individual and public health but also have economic and national security considerations.
- The United States invests heavily in various emerging vaccine technologies and broad-spectrum MCM.
- China has a strong and stable vaccine industry, while Russia falls behind the United States, Japan, and China.
- There have been well-founded questions about the efficacy of both the Chinese and Russian coronavirus disease 2019 vaccines.

Journal Article

[Strategies to Improve the Impact of Artificial Intelligence on Health Equity: Scoping Review](#)

This review aims to provide a comprehensive overview of the health equity issues related to the use of AI applications and identify strategies proposed to address them.

Aug 14, 2023

Carl Berdahl, Lawrence Baker, Sean Mann, Osonde A. Osoba, Federico Giroi

Journal Article

[Advancing Environmentally Sustainable Health Research](#)

This study aims to explore the current methods and initiatives being used to improve the environmental sustainability of health research, as well as considering the challenges and implications for their implementation.

Aug 7, 2023

Pamina Smith, Carolina Feijao, Cecilia Ang, Chryssa Politi, Isabel Flanagan, Michelle Qu, Susan Guthrie

Urban Institute [to 26 Aug 2023]

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

[New Research Publications - Selected](#)

World Economic Forum [to 26 Aug 2023]

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

Media

No new digest content identified.

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

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