Vaccines and Global Health: The Week in Review
26 November 2022 :: Issue 681
Center for Vaccine Ethics & Policy (CVEP)

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

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

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Request email delivery of the pdf: If you would like to receive the PDF of each edition via email [Constant Contact], please send your request to david.r.curry@centerforvaccineethicsandpolicy.org.

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:: Coronavirus [COVID-19] - WHO
:: Organization Announcements
:: Journal Watch
:: Pre-Print Servers
Milestones, Perspectives

Measles

**Nearly 40 million children are dangerously susceptible to growing measles threat**

Joint WHO-CDC Release  November 23, 2022

Measles vaccination coverage has steadily declined since the beginning of the COVID-19 pandemic. In 2021, a record high of nearly 40 million children missed a measles vaccine dose: 25 million children missed their first dose and an additional 14.7 million children missed their second dose, a joint publication by the World Health Organization (WHO) and the United States Centers for Disease Control and Prevention (CDC) reports. This decline is a significant setback in global progress towards achieving and maintaining measles elimination and leaves millions of children susceptible to infection.

In 2021, there were an estimated 9 million cases and 128,000 deaths from measles worldwide. **Twenty-two countries experienced large and disruptive outbreaks.** Declines in vaccine coverage, weakened measles surveillance, and continued interruptions and delays in immunization activities due to COVID-19, as well as persistent large outbreaks in 2022, mean that measles is an imminent threat in every region of the world.

“The paradox of the pandemic is that while vaccines against COVID-19 were developed in record time and deployed in the largest vaccination campaign in history, routine immunization programs were badly disrupted, and millions of kids missed out on lifesaving vaccinations against deadly diseases like measles,” said WHO Director-General Dr Tedros Adhanom Ghebreyesus. “Getting immunization programs back on track is absolutely critical. Behind every statistic in this report is a child at risk of a preventable disease.”

The situation is grave: measles is one of the most contagious human viruses but is almost entirely preventable through vaccination. **Coverage of 95% or greater of 2 doses of measles-containing vaccine is needed to create herd immunity** in order to protect communities and achieve and maintain measles elimination. The world is well under that, with only 81% of children receiving their first measles-containing vaccine dose, and only 71% of children receiving their second measles-containing vaccine dose. These are the lowest global coverage rates of the first dose of measles vaccination since 2008, although coverage varies by country.

**Urgent global action needed**

Measles anywhere is a threat everywhere, as the virus can quickly spread to multiple communities and across international borders. No WHO region has achieved and sustained measles elimination. Since 2016, 10 countries that had previously eliminated measles experienced outbreaks and reestablished transmission.

“The record number of children under-immunized and susceptible to measles shows the profound damage immunization systems have sustained during the COVID-19 pandemic,” said CDC Director Dr. Rochelle P. Walensky. “Measles outbreaks illustrate weaknesses in immunization programs, but public health officials can use outbreak response to identify communities
at risk, understand causes of under-vaccination, and help deliver locally tailored solutions to ensure vaccinations are available to all.”

**In 2021, nearly 61 million measles vaccine doses were postponed or missed due to COVID-19-related delays in immunization campaigns in 18 countries.** Delays increase the risk of measles outbreaks, so the time for public health officials to accelerate vaccination efforts and strengthen surveillance is now. CDC and WHO urge coordinated and collaborative action from all partners at global, regional, national, and local levels to prioritize efforts to find and immunize all unprotected children, including those who were missed during the last two years.

Measles outbreaks illustrate weaknesses in immunization programs and other essential health services. To mitigate risk of outbreaks, countries and global stakeholders must invest in robust surveillance systems. Under the Immunization Agenda 2030 global immunization strategy, global immunization partners remain committed to supporting investments in strengthening surveillance as a means to detect outbreaks quickly, respond with urgency, and immunize all children who are not yet protected from vaccine-preventable diseases.

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**AMR**

**Quadripartite welcomes new political commitments in fight against antimicrobial resistance**

Joint Press Release 25 November 2022

*Food and Agriculture Organization of the United Nations (FAO), UN Environment Programme (UNEP), the World Health Organization (WHO) and the World Organisation for Animal Health (WOAH, founded as OIE), known as the Quadripartite*

Muscat – The Third Global High-Level Ministerial Conference on Antimicrobial Resistance, hosted in Muscat, Oman, concluded today, where targets to address the global antimicrobial resistance (AMR) challenge were discussed for the first time. The conference and its numerical targets for antimicrobial use in the human and animal sectors will pave the way for bold political commitments at the forthcoming UN General Assembly High-Level Meeting on AMR in 2024.

The conference agreed the [Muscat Ministerial Manifesto](#) sets out the three global targets:

- Reduce the total amount of antimicrobials used in agrifood systems by at least 30-50% by 2030, galvanizing national and global efforts;
- Preserve critically important antimicrobials for human medicine, ending the use of medically important antimicrobials for growth promotion in animals;
- Ensure ‘Access’ group antibiotics (a category of antibiotics that are affordable, safe and have a low AMR risk) represent at least 60% of overall antibiotic consumption in humans by 2030.

Globally agreed targets will be key to protecting the efficacy of antimicrobials and curbing the development of AMR worldwide, as well as reducing environmental pollution, in turn lowering the spread of AMR.
Countries also made commitments to implement National Action Plans for AMR and strengthen surveillance through improved data reporting and management, private sector engagement and implementation of evidence-based practices...

The COVID-19 pandemic may have constrained global efforts to address AMR, but it has also demonstrated the critical links between humans, animals and the environmental ecosystem. A range of stakeholders – including the health care, pharmaceutical, veterinary, food safety, agricultural, environmental sectors – have a shared responsibility to continue to collectively respond to AMR...

“Antimicrobial resistance is one of the most urgent and complex challenges of our time, and yet perhaps because it is not as dramatic as a pandemic, a war or a humanitarian emergency, it doesn’t attract the same attention,” said WHO Director-General, Dr Tedros Adhanom Ghebreyesus. “It is my firm hope that this meeting will pave the way towards bold- and concrete – political commitments at the 2024 UN General Assembly High Level Meeting on AMR.”


**News - ICMRA report on AMR best practices**

21 November 2022

The International Coalition of Medicines Regulatory Authorities (ICMRA) highlights successful regulatory and non-regulatory interventions used in different countries to address the growing public health problem of antimicrobial resistance (AMR) in a new report published today.

AMR threatens our ability to effectively treat infections because of an ever-increasing range of bacteria and other microorganisms that have adapted to become resistant to available treatments.

Tackling AMR is one of ICMRA’s strategic priorities. ICMRA recognises that AMR is a complex, multifaceted problem and calls for better coordination across all sectors, including public health, animal health and the environment, through a ‘One Health’ approach. A concerted and collaborative effort is essential to address this threat to global health, economies and security effectively.

The report presents case studies on best practices from different countries that were developed in line with the ‘One Health’ approach and address AMR and antimicrobial use in humans, animals and the environment. The best practices included focus on the following topics:
- Regulatory flexibilities that help bring novel therapies to market;
- Sales reporting of medically important antimicrobials for veterinary use that informs antimicrobial resistance/antimicrobial use surveillance and stewardship initiatives;
- Lessons learned from the regulatory agilities implemented in response to the COVID-19 pandemic;
- Restriction of the sale and supply of non-prescription availability of antibiotics;
- Development and progress of a pilot study on reimbursement models for novel antimicrobials;
- Reporting of selective antibiograms to inform antimicrobial choice;
- Feedback on prescriber data for antibiotics;
- Treatment recommendations for common infections in outpatient care;
- Development of methods for monitoring AMR in the environment.

The case studies also serve as tools to promote further discussions and collaboration and strengthen the resolve to take steps to address AMR...
WHO to identify pathogens that could cause future outbreaks and pandemics
21 November 2022   News release

WHO is launching a global scientific process to update the list of priority pathogens—agents that can cause outbreaks or pandemics—to guide global investment, research and development (R&D), especially in vaccines, tests and treatments.

Starting with a meeting held last Friday, 18 November, WHO is convening over 300 scientists who will consider the evidence on over 25 virus families and bacteria, as well as “Disease X.” Disease X is included to indicate an unknown pathogen that could cause a serious international epidemic. The experts will recommend a list of priority pathogens that need further research and investment. The process will include both scientific and public health criteria, as well as criteria related to socioeconomic impact, access, and equity.

The list was first published in 2017 and the last prioritization exercise was done in 2018. The current list includes COVID-19, Crimean-Cong haemorrhagic fever, Ebola virus disease and Marburg virus disease, Lassa fever, Middle East respiratory syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS), Nipah and henipaviral diseases, Rift Valley fever, Zika and Disease X.

“Targeting priority pathogens and virus families for research and development of countermeasures is essential for a fast and effective epidemic and pandemic response. Without significant R&D investments prior to the COVID-19 pandemic, it would not have been possible to have safe and effective vaccines developed in record time,” said Dr Michael Ryan, Executive Director of WHO’s Health Emergencies Programme.

For those pathogens identified as priority, the WHO R&D Blueprint for epidemics develops R&D roadmaps, which lay out knowledge gaps and research priorities. Where relevant, target product profiles, which inform developers about the desired specifications for vaccines, treatments and diagnostic tests, are developed. Efforts are also made to map, compile and facilitate clinical trials to develop these tools. Complimentary efforts – such as to strengthen regulatory and ethics oversight – are also considered...

The revised list is expected to be published in the first quarter of 2023.

Editor’s Note:
We did not identify any formal announcement by WHO of the actions reported below.

Half WHO’s Senior Leadership Team to Leave in Huge Geneva Shake-up
22/11/2022 - Health Policy Watch - Kerry Cullinan
   Half of the World Health Organization’s (WHO) 16-member senior leadership team at the Geneva headquarters will leave the global body at the end of November, including Chief Scientist Dr Soumya Swaminathan and Dr Mariângela Simão, Assistant Director-General for access to medicines and health products.
The announcement of the departure of the eight senior leaders was made in a short email to staff by Director-General Dr Tedros Adhanom Ghebreyesus on Tuesday, thanking the leaders for their service. Despite the low-key internal announcement, this is the biggest single leadership change that Tedros has made since 2019, two years after he took office, when he made a set of sweeping changes as part of his "Transformation" agenda for the organization...

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**PHEIC**

**Coronavirus [COVID-19] - WHO**

Public Health Emergency of International Concern (PHEIC)

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

*Weekly Epidemiological and Operational updates*

*Last update: 25 Nov 2022*

- **Confirmed cases ::** 636,440,663
- **Confirmed deaths ::** 6,606,624
- **Vaccine doses administered:** 12,943,741,540

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**Figure 1. COVID-19 cases reported weekly by WHO Region, and global deaths, as of 20 November 2022**

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**Weekly epidemiological update on COVID-19 - 23 November 2022**

*Overview*

Globally, the number of new weekly cases decreased by 5% during the week of 14 to 20 November 2022, as compared to the previous week, with over 2.4 million new cases reported. The number of new weekly deaths decreased by 13%, as compared to the previous week, with about 7800 fatalities
reported. As of 20 November 2022, 634 million confirmed cases and 6.6 million deaths have been reported globally.

UNICEF COVID-19 Vaccine Market Dashboard :: Agreements Table Accessed 26 Nov 2022
An overview of information collected from publicly announced bilateral and multilateral supply agreements [no new agreements since 3/20/2022 reported]

UNICEF COVID-19 Vaccine Market Dashboard :: Agreements Table Accessed 26 Nov 2022
An overview of information collected from publicly announced bilateral and multilateral supply agreements [no new agreements since 3/20/2022 reported]

Global Dashboard on COVID-19 Vaccine Equity
The Dashboard is a joint initiative of UNDP, WHO and the University of Oxford with cooperation across the UN system, anchored in the SDG 3 Global Action Plan for Healthy Lives and Well-being for All.

See also visualization on Vaccine Access and Vaccine Affordability

COVID-19 Global Targets and Progress Tracker - IMF
The COVID-19 Global Targets and Progress Tracker presents a consolidated view of the progress towards global COVID-19 targets, barriers in access to COVID-19 tools, and delivery of donor pledges.
The global targets presented in the Tracker are based on an alignment of the targets identified in the IMF Pandemic Proposal, ACT-A Strategic Plan & Budget, and the US-hosted Global C19 Summit, and as such have been reaffirmed by multilateral institutions and global leaders. We will continue to enhance the tracker as we improve our data collection efforts.

COVID Vaccines – OCHA:: HDX

**COVID-19 Data Explorer: Global Humanitarian Operations**

**COVID-19 Vaccine Roll-out**

**NOV 05 2022** | COVAX (WHO, GAVI, CEPI), UNDESA, Press Reports | [DATA](https://data.covid19taskforce.com/data)

- Global COVID-19 Figures: **121M total confirmed cases; 2.3M total confirmed deaths**
- Global vaccines administered: **13.0B**
  - Number of Countries: 28
  - COVAX Allocations Round 4-9 (Number of Doses): 170M
  - COVAX Delivered (Number of Doses): 380M
  - Other Delivered (Number of Doses): 400M
  - Total Delivered (Number of Doses): 790M
  - Total Administered (Number of Doses): 530M

**Multilateral Leaders Task Force on COVID-19 [IMF, World Bank Group, WHO, WTO]**

https://data.covid19taskforce.com/data

A global effort to help developing countries access and deliver COVID-19 vaccines, testing, and therapeutics, as they work to end the pandemic and boost economic recovery.

The International Monetary Fund, World Bank Group, World Health Organization and World Trade Organization have joined forces to accelerate access to COVID-19 vaccines, therapeutics and diagnostics by leveraging multilateral finance and trade solutions, particularly in low- and middle-income countries.

Duke – Launch and Scale Speedometer
The Race for Global COVID-19 Vaccine Equity
See our COVID Vaccine Purchases research
See our COVID Vaccine Manufacturing research
See our COVID Vaccine Donations & Exports research

Overview of donations by top 10 donating countries
Bar chart is ordered by total number of doses pledged.
Donut charts are ordered by proportion of pledged donations shipped.

Our World in Data
68.5% of the world population has received at least one dose of a COVID-19 vaccine. 12.99 billion doses have been administered globally, and 2.2 million are now administered each day. 24.6% of people in low-income countries have received at least one dose.

Global COVID-19 Access Tracker
https://www.covid19globaltracker.org/

U.S.: COVID-19/Vaccines – Announcements/Regulatory Actions/Deployment

HHS

News
HHS Announces New $350 Million Initiative to Increase COVID-19 Vaccinations
November 22, 2022 | News Release
HHS will distribute funding to health centers to support community-based vaccination events and outreach focused on underserved populations

Today, the U.S. Department of Health and Human Services (HHS), through the Health Resources and Services Administration (HRSA), announced a new $350 million initiative for HRSA-supported health centers to increase COVID-19 vaccines in their communities, with a specific focus on underserved populations. This funding will support health centers administering updated COVID-19 vaccines through mobile, drive-up, walk-up, or community-based vaccination events, including working with community-based organizations, and other efforts to increase the administration of COVID-19 vaccines.
“Community health centers save lives,” said HHS Secretary Xavier Becerra. “We will continue to reach, vaccinate, and protect our most vulnerable people across the country working together with community health centers and community-based organizations. We have seen COVID infections increase in prior winters, and it does not have to be that way this year. We now have updated COVID-19 vaccines to protect communities against the Omicron strain. Our message is simple: Don’t wait. Get an updated COVID-19 vaccine this fall. It’s safe and effective.”...

**HHS Releases Long COVID Report Providing Insights and Opportunities to Support Patient Community**

November 21, 2022 | News Release

*Human-centered design and research model helps cultivate creative solutions*

A new report released by the U.S. Department of Health and Human Services (HHS) highlights patients’ experience of Long COVID to better understand its complexities and drive creative responses by government leaders, clinicians, patient advocates and others.

Long COVID is a set of conditions. Researchers have cataloged more than 50 conditions linked to Long COVID that impact nearly every organ system. Estimates vary, but research suggests that between 5 percent and 30 percent of those who had COVID-19 may have Long COVID symptoms, and roughly one million people are out of the workforce at any given time due to Long COVID. This figure equates to approximately $50 billion annually in lost salaries...

**FDA**

*Press Announcements*

*No new digest content identified.*

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**Europe: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment**

**European Medicines Agency**

*News & Press Releases*

**News: Best practices to fight antimicrobial resistance (new)**

Last updated: 21/11/2022

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**European Centre for Disease Prevention and Control**

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

*News [Selected]*

**News**

*Ebola outbreak in Uganda, as of 22 November 2022*

Epidemiological update - 25 Nov 2022

*News*

*Re-election of the Chair and Deputy Chair of the ECDC Management Board*

News - 25 Nov 2022
News
Joint ECDC-WHO/Europe surveillance bulletin: Hepatitis of unknown origin in children
Epidemiological update - 25 Nov 2022

News
Weekly COVID-19 country overview
Epidemiological update - 24 Nov 2022

News
Joint ECDC-WHO/Europe monkeypox surveillance bulletin
Epidemiological update - 23 Nov 2022

Africa: COVID-19 – Announcements/Regulatory Actions/Deployment
https://africacdc.org/covid-19-vaccination/

Russia: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment
Russia: Sputnik V – "the first registered COVID-19 vaccine"
https://sputnikvaccine.com/newsroom/pressreleases/
Press Releases
No new digest content identified. Last press release issued 31.08.2022.

India: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment
China: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

[We did not identify any substantive, official announcements about China’s COVID response in general, or in Shanghai, Beijing or other China locations.]

More anti-COVID protests in China triggered by deadly fire
Associated Press, By HUIZHONG WU and DAKE KANG  6 minutes ago

TAIPEI, Taiwan (AP) — Protests against China’s restrictive COVID-19 measures appeared to roil in a number of cities Saturday night, in displays of public defiance fanned by anger over a deadly fire in the western Xinjiang region.

Many protests could not be immediately confirmed, but in Shanghai, police used pepper spray to stop around 300 protesters who had gathered at Middle Urumqi Road at midnight, bringing flowers, candles and signs reading “Urumqi, November 24, those who died rest in peace” to memorialize the 10 deaths caused by a fire in an apartment building in Xinjiang’s capital city Urumqi...

Protests Erupt in Shanghai and Other Chinese Cities Over Covid Controls
New York Times, 3 hours ago

In Shanghai, a crowd chanted calls for China’s leader, Xi Jinping, to step down, a rare act of political defiance reflecting growing public frustration with his “zero Covid” demands....
China Xinjiang: Urumqi rocked by Covid lockdown protests after deadly fire
BBC 16 hours ago
Videos shared on social media in China have appeared to show fresh protests against Covid restrictions, after an apartment block fire killed 10 people.
  People in Urumqi are seen confronting officials, breaking down a barrier and shouting "end the Covid lockdown".
  Infections have hit new highs in China in spite of a tough zero-Covid policy.
  Authorities in Urumqi have now promised to phase out restrictions - though deny that these stopped people escaping Thursday's fire.
  Restrictions have been in place in the city - capital of the western Xinjiang region - since early August...

PHEIC
Monkeypox
Public Health Emergency of International Concern (PHEIC)
https://www.who.int/emergencies/situations/monkeypox-oubreak-2022

Last Situation Report dated 15 November 2022

PHEIC
Polio
Polio this week as of 23 November 2022 - GPEI
:: Independent polio technical groups continue to meet as the year draws to a close, to review regional epidemiology and evaluate strategies for 2023. Technical advisory groups, the AFRO RCC and special roundtables have been recently held on the situation in Pakistan, Afghanistan and Nigeria, along with outbreak response assessment for south-east Asia. Groups continue to evaluate impact of current eradication and outbreak response efforts and review intensified plans for the rest of the year and early 2023.
:: In Indonesia, VDPV2 was isolated from an AFP case (7-year old child) with onset of paralysis on 9 October, from Aceh province. At this time, there is no evidence of circulation. Nevertheless, Indonesian national and local public health authorities, with support from partners, are implementing full field investigation and planning a response as appropriate, including as a very initial response, an IPV catch-up campaign in the immediately affected area.

Summary of new polioviruses this week:
  - Afghanistan: three WPV1 positive environmental samples
  - Algeria: four cVDPV2 positive environmental samples
  - Chad: four cVDPV2 cases
- DR Congo: three cVDPV2 cases
- Ethiopia: two cVDPV2 cases
- Nigeria: four cVDPV2 cases and two cVDPV2 positive environmental samples

UN OCHA – Current Emergencies
Current Corporate Emergencies
Afghanistan
:: Afghanistan: Snapshot of Population Movements, January to November 2022 (As of 23 November 2022)

Northern Ethiopia
No new digest content identified.

Somalia
No new digest content identified.

Ukraine
Highlights Last Updated: 16 Nov 2022

WHO & Regional Offices [to 26 Nov 2022]
https://www.who.int/news
Selected News/Announcements/Statements
25 November 2022 Joint News Release
Quadripartite welcomes new political commitments in fight against antimicrobial resistance

23 November 2022 Joint News Release
Nearly 40 million children are dangerously susceptible to growing measles threat

21 November 2022 Departmental news
Agreement between WHO and Islamic Development Bank seeks to build health in joint Member States

21 November 2022 Departmental news
Equality and inclusion, for every child affected by TB

21 November 2022 News release
WHO to identify pathogens that could cause future outbreaks and pandemics

WHO Regional Offices
Selected Press Releases, Announcements

**WHO African Region**

:: **Working with communities to curb cholera in the Democratic Republic of the Congo** 25 November 2022
:: **Bringing care closer to eliminate cervical cancer** 24 November 2022
:: **Monitoring antimicrobial resistance trends to save lives** 23 November 2022
:: **Guarding against antimicrobial resistance in Liberia** 21 November 2022

**WHO Region of the Americas** PAHO

:: 22 Nov 2022
**PAHO, UNFPA and Intersectoral Protection Network in Brazil train indigenous, trans, migrant and refugee women on gender-based violence prevention**
   Boa Vista, 22 October 2022 - With the goal of training women multipliers to prevent gender-based violence, the Pan American Health Organization (PAHO) held a workshop in Boa Vista, state of Roraima, Brazil, in partnership with the United Nations Population Fund (UNFPA) and the Intersectoral Protection Network. This Network counts on state,...
:: 21 Nov 2022
**Canada contributes over US $11 million to PAHO’s initiative to strengthen the regional manufacturing of vaccines**
   Washington, D.C., November 21, 2022 (PAHO) – The Government of Canada has announced a $15 million Canadian dollar contribution (equivalent to US$ 11.2 million) towards a Pan American Health Organization (PAHO) initiative to increase vaccine production capacities in Latin America and the Caribbean. Launched in 2021, the PAHO Regional Platform...

**WHO South-East Asia Region** SEARO

No new digest content identified.

**WHO European Region** EURO

:: **Water, sanitation and hygiene at the core of healthy resilience** 24 November 2022  News release
:: **Statement - Strengthening our collective health security architecture is an urgent task** 22 November 2022  Statement
:: **In Georgia, health workers prepare for busy winter season amid COVID-19 and influenza surge concerns** 21 November 2022  News release
:: **Statement – Winter in Ukraine: people’s health cannot be held hostage** 21 November 2022  Statement

**WHO Western Pacific Region**

:: **Antimicrobial resistance in the Pacific: How Pacific nations are working to address drug-resistant pathogens** 23 November 2022

:::

**Disease Outbreak News (DONs)**

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

24 November 2022  **| Ebola disease caused by Sudan ebolavirus – Uganda**
New WHO Publications
https://www.who.int/publications/i
Selected Titles
25 November 2022
WHO Guidelines for malaria

25 November 2022
Global atlas of medical devices 2022

24 November 2022
WHO Malaria Policy Advisory Group (MPAG) meeting (October 2022)

24 November 2022
FAO-OIE-WHO One Health approach to AMR mitigation and safer food in the Asia-Pacific Region

22 November 2022
Sentinel surveys of acquired HIV resistance to dolutegravir among people receiving dolutegravir-containing...

CDC/ACIP [U.S.] [to 26 Nov 2022]
http://www.cdc.gov/media/index.html
https://www.cdc.gov/vaccines/acip/index.html
Latest News Releases
Nearly 40 million children are dangerously susceptible to growing measles threat
November 23, 2022
In 2021, a record high of nearly 40 million children missed a measles vaccine dose: 25 million children missed their first dose and an additional 14.7 million children missed their second dose, a joint publication by the World Health...
[See Milestones above for detail]

ACIP Meetings
Next ACIP Meeting
No 2022 meetings identified.

MMWR Weekly: Current Volume (71)
November 25, 2022 / No. 47
Progress Toward Regional Measles Elimination — Worldwide, 2000–2021

Progress Toward Global Eradication of Dracunculiasis — Worldwide, January 2021–June 2022

Coronavirus Disease 2019 (COVID-19) - CDC
Announcements/reports/data summaries.

Africa CDC  [to 26 Nov 2022]
http://www.africacdc.org/
News
No new digest content identified.

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

National Health Commission of the People's Republic of China  [to 26 Nov 2022]
http://en.nhc.gov.cn/
News
Nov 26: Daily briefing on novel coronavirus cases in China
On Nov 25, 31 provincial-level regions and the Xinjiang Production and Construction Corps on the Chinese mainland reported 3,474 new cases of confirmed infections.

National Medical Products Administration – PRC  [to 26 Nov 2022]
http://english.nmpa.gov.cn/
Chinese mainland reports 3,041 new local confirmed COVID-19 cases
2022-11-25
The Chinese mainland on Thursday reported 3,041 locally transmitted confirmed COVID-19 cases, the National Health Commission said Friday.

CCDC Weekly Reports: Current Volume (4)
2022-11-25 / No. 47
View PDF of this issue
**Organization Announcements**

**Paul G. Allen Frontiers Group** [to 26 Nov 2022]  
https://alleninstitute.org/news-press/  
News  
No new digest content identified.

**BMGF - Gates Foundation** [to 26 Nov 2022]  
https://www.gatesfoundation.org/ideas/media-center  
Press Releases and Statements  
No new digest content identified.

**Bill & Melinda Gates Medical Research Institute** [to 26 Nov 2022]  
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 Nov 2022]  
https://carb-x.org/  
News  
No new digest content identified.

**Center for Vaccine Ethics and Policy – GE2P2 Global Foundation** [to 26 Nov 2022]  
https://centerforvaccineethicsandpolicy.net/  
News/Analysis/Statements  
:: Past weekly editions of *Vaccines and Global Health: The Week in Review* are available here.  
:: *Informed Consent: A Monthly Review – November 2022* is now posted here

**CEPI – Coalition for Epidemic Preparedness Innovations** [to 26 Nov 2022]  
http://cepi.net/  
Latest News  
Scientists take aim at next pandemic threat with new molecular clamp rapid-response vaccine platform  
Vaccine platform holds promise for the rapid development of vaccines against future infectious disease epidemics, potentially within 100 days of a new virus emerging  
News  
25 Nov 2022
This glossary combines the terms and definitions included in the guidelines of the International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH). It was compiled by CIOMS from the publicly available guidelines found on the ICH website. The guidelines are owned by the International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH).

DARPA – Defense Advanced Research Projects Agency [U.S.] [to 26 Nov 2022]
https://www.darpa.mil/news
News
No new digest content identified.

Duke Global Health Innovation Center [to 26 Nov 2022]
https://dukeghic.org/
Our Blog
No new digest content identified.

EDCTP [to 26 Nov 2022]
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
24 November 2022
Novel ganaplacide/lumefantrine-SDF combination in adults and children with malaria moves to Phase III study

Emory Vaccine Center [to 26 Nov 2022]
http://www.vaccines.emory.edu/
Vaccine Center News
No new digest content identified.

European Vaccine Initiative [to 26 Nov 2022]
http://www.euvgaccine.eu/
Latest News, Events
No new digest content identified.
Evidence Aid  [to 26 Nov 2022]
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/

Non-communicable diseases and disasters
Added November 23, 2022

Community health workers and health equity in low- and middle-income countries
Added November 22, 2022

Symptoms of COVID-19: overview of systematic reviews (search done in March 2021)
Added November 22, 2022

Fondation Merieux  [to 26 Nov 2022]
http://www.fondation-merieux.org/
News, Events
3rd Edition of AMR Course defends values of the OneHealth approach to fighting antimicrobial resistance
   November 25, 2022 - Les Pensières Center for Global Health, Veyrier-du-Lac (France)
   Buoyed by the success of its first two editions, the third AMR course organized by the Mérieux Foundation and Paris Cité University was held at Les Pensières Center for Global Health in Annecy (France) to defend the values of the OneHealth approach and reinforce decision-making in the fight against antimicrobial resistance.

Gavi  [to 26 Nov 2022]
https://www.gavi.org/
News Releases
No new digest content identified.

GHIT Fund  [to 26 Nov 2022]
https://www.ghitfund.org/newsroom/press
Press Releases
No new digest content identified.

Global Fund  [to 26 Nov 2022]
News & Stories
No new digest content identified.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R]  [to 26 Nov 2022]
Charité Center for Global Health in Berlin to host the GloPID-R Secretariat
November 23, 2022

Hilleman Laboratories  [to 26 Nov 2022]
http://www.hilleman-labs.org/
News & Insights
No new digest content identified.

HHMI - Howard Hughes Medical Institute  [to 26 Nov 2022]
https://www.hhmi.org/news
Press Room
No new digest content identified.

Human Vaccines Project  [to 26 Nov 2022]
http://www.humanvaccinesproject.org/
News
No new digest content identified.

IAVI  [to 26 Nov 2022]
https://www.iavi.org/
Latest News
FEATURES
November 21, 2022
Laying the groundwork for success: TB vaccine highlights at the Union
We must plan for their introduction and demand what is needed for new TB vaccines to reach End TB targets, experts say.

ICRC  [to 015 Oct 2022]
What’s New  [Selected]
Afghanistan: Child pneumonia, malnutrition spikes as families face impossible choice: eat or heat
As winter sets in across Afghanistan and as the economic crisis worsens, the International Committee of the Red Cross (ICRC) is seeing a spike in cases of child pneumonia and malnutrition.
24-11-2022 | News release

International Coalition of Medicines Regulatory Authorities [ICMRA]
Selected Statements, Press Releases, Research
21 November 2022

**News - ICMRA report on AMR best practices**
[See Milestones above for detail]

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

**IFRC**  [to 26 Nov 2022]
Press Releases [Selected]
No new digest content identified.

**Institut Pasteur**  [to 26 Nov 2022]
Press Documents
No new digest content identified.

**ISC / International Science Council**  [to 22 Oct 2022]
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.*
Current
No new digest content identified.

**International Union of Immunological Societies (IUIS)**
https://iuis.org/
News/Events [Selected]
*Results of the 2022-2025 Elections – Executive Committee and Council Members*
November 21, 2022

**IVAC**  [to 26 Nov 2022]
https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html
Updates; Events
No new digest content identified.

**IVI**  [to 26 Nov 2022]
http://www.ivi.int/
IVI News & Announcements
**IVI, ST Pharm exchange MOU on clinical development of COVID-19 vaccine**

Agreement to strategic partnership and collaboration for clinical development of pan-coronavirus mRNA vaccines; promotion of Global Training Hub for Biomanufacturing (GTH-B) for LMICs

Nov 24, 2022

**Johns Hopkins Center for Health Security** [to 26 Nov 2022]
https://www.centerforhealthsecurity.org/news/center-news/
Center News [Selected]
No new digest content identified.

**MSF/Médecins Sans Frontières** [to 26 Nov 2022]
http://www.msf.org/
Latest [Selected Announcements]
Syria
**Combatting cholera amidst displacement and the remnants of war**
A healthcare worker examines a cholera patient in the MSF-supported cholera treatment unit in Idlib governorate
Project Update22 November 2022

**National Academy of Medicine** - USA [to 26 Nov 2022]
https://nam.edu/programs/
News [Selected]
No new digest content identified.

**National Academy of Sciences** - USA [to 26 Nov 2022]
News
No new digest content identified.

**National Vaccine Program Office** - U.S. HHS [to 26 Nov 2022]
https://www.hhs.gov/vaccines/about/index.html
Upcoming Meetings/Latest Updates
No new digest content identified.

**NIH** [to 26 Nov 2022]
http://www.nih.gov/
News Releases
**NIH establishes website for self-reporting COVID-19 test results**
November 22, 2022 — New site allows users to anonymously report results of any brand of at-home COVID-19 test.

**NIH awards $12 million for antiviral therapeutic development**
November 21, 2022 — Program aims to accelerate the discovery, development and manufacturing of antiviral medicines.

**PATH** [to 26 Nov 2022]
https://www.path.org/media-center/
Press Releases
No new digest content identified.

**Rockefeller Foundation** [to 26 Nov 2022]
https://www.rockefellerfoundation.org/
Selected Reports/Press Releases
No new digest content identified.

**Sabin Vaccine Institute** [to 26 Nov 2022]
https://www.sabin.org/press/
Latest News & Press Releases
No new digest content identified.

**UNAIDS** [to 26 Nov 2022]
http://www.unaids.org/en
Selected Press Releases/Reports/Statements
25 November 2022
**Ahead of World AIDS Day, ASEAN countries recommit to ending inequalities and accelerating progress to end AIDS**

**UNICEF** [to 22 Oct 2022]
https://www.unicef.org/media/press-releases
Press Releases, News Notes, Statements  [Selected]
Press release 23 November 2022
**Haiti: children account for 2 in 5 cholera cases -UNICEF**
PORT-AU-PRINCE/PANAMA/NEW YORK, 23 NOVEMBER 2022 – Nearly two months into the cholera outbreak in Haiti, UNICEF is warning that approximately 40 per cent of the growing number of confirmed cases are among children. Since the onset of the cholera outbreak, 9 in 10 confirmed cholera cases in Haiti have been reported in areas most affected by the...

**Unitaid** [to 26 Nov 2022]
https://unitaid.org/
Featured News
No new digest content identified.
State of Vaccine Confidence in the EU 2022 Report Launches

Today, the European Commission published the 2022 State of Vaccine Confidence in the European Union report. The report was authored by the Vaccine Confidence Project at the London School of Hygiene & Tropical Medicine, and the regional office of the Vaccine Confidence Project at the Centre for the Evaluation of Vaccination (CEV), University of Antwerp.

The third of its kind, this report shows that, across the EU-27 Member States, 81.5% of respondents agree that vaccines are important, 85.6% agree they are effective and 82.3% agree that they are safe. Following fluctuations during the pandemic, perceptions have generally returned to their 2018 levels.

Nevertheless, differences between countries and vaccine types persist. A comparison of the public confidence between over 65-year-olds and 18-34-year-olds shows an increasing “vaccine confidence gap”: The 18-34-year-olds became less confident between 2018 and 2022.

Read the full announcement
WTO - World Trade Organisation [to 26 Nov 2022]
http://www.wto.org/english/news_e/news_e.htm
WTO News and Events [Selected]
**Members discuss lessons learned from COVID-19 pandemic, hear views of external stakeholders**
23 November 2022
The Committee on Market Access held on 21 November the fifth of a series of experience-sharing sessions on trade in goods related to COVID-19. Based on inputs provided by members at the last session in September, this fifth session focused on the main lessons learned from the COVID-19 pandemic. The meeting was preceded by a special session with external stakeholders who shared their insights on the different responses to the pandemic. The Committee also met informally on 23 November to address various issues.

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ARM [Alliance for Regenerative Medicine] [to 26 Nov 2022]
Patients will benefit if Europe modernizes its policy framework to reflect the distinct promise of cell and gene therapy, the Alliance for Regenerative Medicine will highlight in 29 November EU Parliament event

November 24, 2022 Brussels

The European Union can reverse its declining competitiveness and ensure patient access to transformative treatments if it modernizes its policy and regulatory framework to reflect the distinct promise of cell and gene therapies as the future of medicine, the Alliance for Regenerative Medicine (ARM) will say during an event at the EU Parliament on 29 November.

BIO  [to 26 Nov 2022]
Press Releases
No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network  [to 26 Nov 2022]
http://www.dcvmn.org/
News; Upcoming events
November 22, 2022
Asia-pacific Vaccine Excellence Awards 2022 (AVEA22)

ICBA – International Council of Biotechnology Associations  [to 26 Nov 2022]
https://internationalbiotech.org/news/
News
No new digest content identified.

IFPMA  [to 26 Nov 2022]
http://www.ifpma.org/resources/news-releases/
Selected Press Releases, Statements, Publications
No new digest content identified.

International Alliance of Patients’ Organizations – IAPO  [to 26 Nov 2022]
https://www.iapo.org.uk/news/topic/6
Press and media [Selected]
No new digest content identified.

International Generic and Biosimilar Medicines Association [IGBA]
https://www.igbamedicines.org/
News
No new digest content identified.
PhRMA  [to 26 Nov 2022]
http://www.phrma.org/
Press Releases
No new digest content identified.

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 - No new digest announcements identified

Boehringer
Press Releases - No new digest announcements identified

CanSinoBIO
News - Website not responding at inquiry

CIGB
Latest News - No new digest announcements identified

Cinnagen
Recent News - No new digest announcements identified

Clover Biopharmaceuticals - China
News - No new digest announcements identified

Curevac [Bayer Ag – Germany]
News - No new digest announcements identified

Gamaleya National Center
Latest News and Events - See Russia above.

GSK
Novartis and Medicines for Malaria Venture announce decision to move to Phase 3 study for novel ganaplacide/lumefantrine-SDF combination in adults and children with malaria

Nov 23, 2022
- Novartis and Medicines for Malaria Venture (MMV) announce decision to move to Phase 3 study for novel non-artemisinin combination to treat uncomplicated malaria
- This novel combination also contains an optimized formulation of lumefantrine, which allows it to be given once daily versus the usual twice-daily administration
- As the world faces emerging resistance to current malaria treatments, new medicines are needed to continue the fight toward elimination
Shifa Pharmed [Iran]
http://shafapharmed.com/
No news page identified.

Sinopharm/WIBP/BIP
News - No new digest announcements identified

Sinovac
Press Releases
WHO Extended the Use of SINOVAC COVID-19 Vaccine under EUL to Individuals Aged 3 Years and Above
2022/11/22

SK Biosciences
Press Releases - No new digest announcements identified

Takeda
Newsroom
Takeda's Biologics License Application (BLA) for Dengue Vaccine Candidate (TAK-003) Granted Priority Review by U.S. Food and Drug Administration
November 22, 2022

Valneva
Press Releases - No new digest announcements identified

Vector State Research Centre of Viralology and Biotechnology
Home - Website not responding [404 error]

WestVac Biopharma
Media - No new digest announcements identified

Zhifei Longcom, China
[Anhui Zhifei Longcom Biologic Pharmacy Co., Ltd.]
[No website identified]
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 13, 2022 Issue 4
https://www.tandfonline.com/toc/uabr21/current
[Reviewed earlier]

**AMA Journal of Ethics**
Volume 24, Number 11: E1029-1106 Nov 2022
https://journalofethics.ama-assn.org/issue/how-much-will-it-cost

**How Much Will It Cost?**
An honest answer to the question, How much will it cost? is what most people seeking price transparency in health care tend to be after. Yet, what health care costs you or your family, or even being given an opportunity to assess whether you can afford services, is not how price transparency in health care is defined by even the most dedicated, knowledgeable advocates. A 2014 report from a landmark task force of the Healthcare Financial Management Association, for example, states that what all patients deserve from health care price transparency is “accurate price estimates from a reliable source.” If this is the best definition of price transparency that a well-intentioned, well-informed task force suggests the American public can expect, one might reasonably suspect that, without dramatic reforms to financial structures of US health care, an honest answer to the question, How much will it cost? might not even be possible in many cases. This theme issue investigates why this problem matters clinically and ethically to every stakeholder, rich or poor, in the US health care system.
[Reviewed earlier]

**American Journal of Infection Control**
November 2022 Volume 50 Issue 1 1p1193-1280
http://www.ajicjournal.org/current
[Reviewed earlier]

**American Journal of Preventive Medicine**
November 2022 Volume 63 Issue 5 p669-874
https://www.ajpmonline.org/current
[Reviewed earlier]

**American Journal of Public Health**
November 2022 112(11)
American Journal of Tropical Medicine and Hygiene
Volume 107 (2022): Issue 4_Suppl (Oct 2022)
https://www.ajtmh.org/view/journals/tpmd/107/4_Suppl/tpmd.107.issue-4_Suppl.xml
International Centers of Excellence for Malaria Research (ICEMR): Achievements in the Last Decade
[Reviewed earlier]

Annals of Internal Medicine
November 2022   Volume 175, Issue 11
http://annals.org/aim/issue
[Reviewed earlier]

Artificial Intelligence – An International Journal
Volume 312  November 2022
[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation
http://resource-allocation.biomedcentral.com/
(Accessed 26 Nov 2022)
[No new digest content identified]

BMJ Global Health
November 2022 - Volume 7 - 11
https://gh.bmj.com/content/7/11
[Reviewed earlier]

BMC Health Services Research
http://www.biomedcentral.com/bmchealthservres/content
(Accessed 26 Nov 2022)
Was EU’s COVID-19 vaccine procurement strategy irrational? A re-analysis based on cost-effectiveness considerations
The European Union (EU) has received criticism for being slow to secure coronavirus disease (COVID-19) vaccine contracts in 2020 before the approval of the first COVID-19 vaccine. This study aimed to retrospect...
Authors: Afschin Gandjour
Citation: BMC Health Services Research 2022 22:1410
Content type: Research Published on: 24 November 2022
Continuum of care for maternal, newborn, and child health in 17 sub-Saharan African countries

Given the intricate relationship between mothers and their children with the continuum of care, it is quintessential for their healthcare and interventions to be enhanced through a continuum of care approach. ...

Authors: Abdul-Aziz Seidu, Bright Opoku Ahinkorah, Richard Gyan Aboagye, Joshua Okyere, Eugene Budu and Sanni Yaya
Citation: BMC Health Services Research 2022 22:1394
Content type: Research Published on: 23 November 2022

Framing access to essential medicines in the context of Universal Health Coverage: a critical analysis of health sector strategic plans from eight countries in the WHO African region

Framing affects how issues are understood and portrayed. This profoundly shapes the construction of social problems and how policy options are considered. While access to essential medicines (ATM) in the World...

Authors: Alison T. Mhazo and Charles C. Maponga
Citation: BMC Health Services Research 2022 22:1390
Content type: Research Published on: 22 November 2022

BMC Infectious Diseases

http://www.biomedcentral.com/bmcinfectdis/content
(Accessed 26 Nov 2022)

A booster hepatitis B vaccine for children with maternal HBsAg positivity before 2 years of age could effectively prevent vaccine breakthrough infections

The long-term protective effect of hepatitis B vaccine (HepB), the incidence of hepatitis B virus (HBV) vaccine breakthrough infections (VBIs), and whether a booster HepB is necessary remain to be clarified in...

Authors: Yarong Song, Xin Zhang, Minmin Liu, Xiangjun Zhai, Jianxun Liu, Yi Li, Lili Li, Yiwei Xiao, Zhongping Duan, Jing Jiang, Feng Ding, Liguo Zhu, Jie Jiang, Huaibin Zou, Hui Zhuang, Jie Wang...
Citation: BMC Infectious Diseases 2022 22:863
Content type: Research Published on: 18 November 2022

BMC Medical Ethics

http://www.biomedcentral.com/bmcmedethics/content
(Accessed 26 Nov 2022)

An e-consent framework for tiered informed consent for human genomic research in the global south, implemented as a REDCap template

Research involving human participants requires their consent, and it is common practice to capture consent information on paper and store those hard copies, presenting issues such as long-term storage requirem...

Authors: Tsaone Tamuhla, Nicki Tiffin and Taryn Allie
Citation: BMC Medical Ethics 2022 23:119
Content type: Database Published on: 24 November 2022

Electronic informed consent criteria for research ethics review: a scoping review
The research shows a growing trend in using an electronic platform to supplement or replace traditional paper-based informed consent processes. Instead of the traditionally written informed consent document, e...

Authors: Mohd Yusmaidil Putera Mohd Yusof, Chin Hai Teo and Chirk Jenn Ng  
Citation: BMC Medical Ethics 2022 23:117  
Content type: Research Published on: 21 November 2022

BMC Medicine  
http://www.biomedcentral.com/bmcmed/content  
(Accessed 26 Nov 2022)  
**Risk factors affecting COVID-19 vaccine effectiveness identified from 290 cross-country observational studies until February 2022: a meta-analysis and meta-regression**  
Observational studies made it possible to assess the impact of risk factors on the long-term effectiveness of mRNA and adenoviral vector (AdV) vaccines against COVID-19.  
Authors: Marek Petráš, Roman Máčalík, Daniela Janovská, Alexander M. Čelko, Jana Dáňová, Eliška Selinger, Jonáš Doleček, Sylva Neradová, Martina Franklová, Pavel Dlouhý, Jozef Rosina and Ivana Králová Lesná  
Citation: BMC Medicine 2022 20:461  
Content type: Review Published on: 25 November 2022

BMC Pregnancy and Childbirth  
http://www.biomedcentral.com/bmcpregnancychildbirth/content  
(Accessed 26 Nov 2022)  
[No new digest content identified]

BMC Public Health  
http://bmcpublichealth.biomedcentral.com/articles  
(Accessed 26 Nov 2022)  
**Social capital and willingness to participate in COVID-19 vaccine trials: an Italian case-control study**  
What leads healthy people to enter in a volunteer register for clinical trials? This study aimed to investigate the relationship between the decision to volunteer in clinical trials for a COVID-19 vaccine and ...  
Authors: Marco Terraneo, Valeria Quaglia, Giampaolo Nuvolati, Marco Bani, Selena Russo, Maria Grazia Streparava, Serena Capici, Rebecca Cavaliere and Marina Elena Cazzaniga  
Citation: BMC Public Health 2022 22:2137  
Content type: Research Published on: 21 November 2022

MomsTalkShots, tailored educational app, improves vaccine attitudes: a randomized controlled trial  
Many pregnant women and parents have concerns about vaccines. This analysis examined the impact of MomsTalkShots, an individually tailored educational application, on vaccine attitudes of pregnant women and mo...
Authors: Matthew Z. Dudley, Saad B. Omer, Sean T. O'Leary, Rupali J. Limaye, Mallory K. Ellingson, Christine I. Spina, Sarah E. Brewer, Robert A. Bednarczyk, Allison T. Chamberlain, Fauzia Malik, Paula M. Frew, Cathy Church-Balin, Laura E. Riley, Kevin A. Ault, Walter A. Orenstein, Neal A. Halsey...
Citation: BMC Public Health 2022 22:2134
Content type: Research Published on: 21 November 2022

BMC Research Notes
http://www.biomedcentral.com/bmcresnotes/content
(Accessed 26 Nov 2022)
[No new digest content identified]

BMJ Evidence-Based Medicine
December 2022 - Volume 27 - 6
https://ebm.bmj.com/content/27/6
EBM analysis
Balancing benefits and potential risks of vaccination: the precautionary principle and the law of unintended consequences (21 December, 2021)
David Robert Grimes

Factors influencing estimated effectiveness of COVID-19 vaccines in non-randomised studies (25 March, 2022)
John P A Ioannidis

Using absolute risk reduction to guide the equitable distribution of COVID-19 vaccines (7 March, 2022)
Ella Fassler, Andrew Larkin, Kesavan Rajasekharan Nayar, Howard Waitzkin

BMJ Open
November 2022 - Volume 12 - 11
https://bmjopen.bmj.com/content/12/11
Original research: Perspectives on the COVID-19 vaccine uptake: a qualitative study of community members and health workers in Zambia (23 November, 2022)
Cephas Sialubanje, Nawa Mukumbuta, Mary Ng'andu, Ernest Malangizo Sumani, Mpala Nkonkomalimba, Daniel EM Lyatumba, Alick Mwale, Francis Mpiana, Joseph Makadani Zulu, Basil Mweempwa, Denise Endres, Maurice Mbolela, Mpatanji Namumba, Wolff-Christian Peters

Original research: Strengthening ethics committees for health-related research in sub-Saharan Africa: a scoping review (21 November, 2022)
Iqra Chaudhry, Val Thurtle, Edward Foday, Andrew J M Leather, Mohamed Samai, Haja Wurie, Divya Parmar

Original research: Determinants of COVID-19 vaccine hesitancy and uptake in sub-Saharan Africa: a scoping review (18 November, 2022)
Michael J Deml, Jennifer Nyawira Githaiga
Original research: Vaccination practices, knowledge and attitudes regarding COVID-19 vaccines among Chinese university students: a cross-sectional study from a comprehensive university in Wuhan (16 November, 2022)
Xinyi Hu, Dan Yan, Mengfan Liao, Songyi Wei, Jun Wang

Original research: Assessing knowledge, attitudes and belief toward HPV vaccination of parents with children aged 9–14 years in rural communities of Northwest Cameroon: a qualitative study (15 November, 2022)
Lorraine Elit, Calvin Ngalla, Glen Mbah Afugchwi, Eric Tum, Joel Fokom Domgue, Elysée Nouvet

Bulletin of the World Health Organization
Volume 100(11); 2022 Nov 1
https://www.ncbi.nlm.nih.gov/pmc/issues/419724/
[Reviewed earlier]

Cell
Nov 23, 2022 Volume 185 Issue 24 p4465-4674
https://www.cell.com/cell/current

Resources
The phenotypic landscape of essential human genes
Funk et al. utilize pooled image-based CRISPR screening to generate a comprehensive genotype-phenotype resource based on cellular morphology that they leverage to define functions for multiple elusive essential human genes.

Child Care, Health and Development
Volume 48, Issue 6 Pages: 881-1137 November 2022
https://onlinelibrary.wiley.com/toc/13652214/current

Special Issue: The Pervasive Effects of COVID-19 on Children: A Global Perspective
Issue Edited by: Jan William Gorter, Evelyn Culnane, Lyndal Hickey, Mark Ferro, Tony Okely
[Reviewed earlier]

Clinical Pharmacology & Therapeutics
Volume 112, Issue 5 Pages: 917-1130 November 2022
https://ascpt.onlinelibrary.wiley.com/toc/15326535/current
[New issue; No digest content identified]

Clinical Therapeutics
September 2022 Volume 44 Issue 9 p1173-1268
http://www.clinicaltherapeutics.com/current
[Reviewed earlier]
Clinical Trials
Volume 19 Issue 6, December 2022
https://journals.sagepub.com/toc/ctja/19/6
[Reviewed earlier]

Conflict and Health
http://www.conflictandhealth.com/
[Accessed 26 Nov 2022]
[No new digest content identified]

Contemporary Clinical Trials
Volume 122 November 2022
[Reviewed earlier]

The CRISPR Journal
Volume 5, Issue 5 / October 2022
https://www.liebertpub.com/toc/crispr/5/5
[Reviewed earlier]

Current Genetic Medicine Reports
Volume 10, issue 1, March 2022
https://link.springer.com/journal/40142/volumes-and-issues/10-1
[Reviewed earlier]

Current Opinion in Infectious Diseases
December 2022 - Volume 35 - Issue 6
https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx
[Reviewed earlier]

Current Protocols in Human Genetics
Volume 108, Issue 1 December 2020
https://currentprotocols.onlinelibrary.wiley.com/toc/19348258/current
[Reviewed earlier]

Developing World Bioethics
Volume 22, Issue 3 Pages: 123-180 September 2022
https://onlinelibrary.wiley.com/toc/14718847/current
[Reviewed earlier]
Development in Practice
Volume 32, Issue 8, 2022
http://www.tandfonline.com/toc/cdip20/current
[Reviewed earlier]

Disaster Medicine and Public Health Preparedness
Volume 16 - Issue 5 - October 2022
https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/latest-issue
[Reviewed earlier]

Disasters
Volume 46, Issue 4 Pages: 853-1126 October 2022
https://onlinelibrary.wiley.com/toc/14677717/current
[Reviewed earlier]

EMBO Reports
Volume 23 Issue 11 7 November 2022
https://www.embopress.org/toc/14693178/current
[Reviewed earlier]

Emerging Infectious Diseases
Volume 28, Number 11—November 2022
http://wwwnc.cdc.gov/eid/
[Reviewed earlier]

Epidemics
Volume 40 September 2022
https://www.sciencedirect.com/journal/epidemics/vol/40/suppl/C
[Reviewed earlier]

Epidemiology and Infection
Volume 150 - 2022
https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue
[Reviewed earlier]

Ethics & Human Research
Volume 44, Issue 6 Pages: 1-42 November–December 2022
https://onlinelibrary.wiley.com/toc/25782363/current

Alzheimer disease biomarkers :: Payment to participate
Ethics & International Affairs
Spring 2022 (36.1) | March 10, 2022
[Reviewed earlier]

Ethics, Medicine and Public Health
Volume 24 October 2022
[Reviewed earlier]

The European Journal of Public Health
Volume 32, Issue 5, October 2022
https://academic.oup.com/eurpub/issue/32/5
[Reviewed earlier]

Expert Review of Vaccines
Vol 21 (11) 2022
https://www.tandfonline.com/toc/ierv20/current
[Reviewed earlier]

Foreign Affairs
Volume 101, Number 5 September/October 2022
https://www.foreignaffairs.com/issues/2022/101/5
[Reviewed earlier]

Forum for Development Studies
Volume 49, 2022 - Issue 3
http://www.tandfonline.com/toc/sfds20/current
[Reviewed earlier]

Genetics in Medicines
Volume 24, Issue 11 Pages A1-A8, 2211-2418 (November 2022)
https://www.sciencedirect.com/journal/genetics-in-medicine/vol/24/issue/11
[Reviewed earlier]

Genome Medicine
https://genomemedicine.biomedcentral.com/articles
[Accessed 26 Nov 2022]
Latinx fathers report low awareness and knowledge of the human papillomavirus vaccine, but high willingness to vaccinate their children if recommended by a healthcare provider: A qualitative study
Ana Cristina Lindsay, Denisse Delgado, Madelyne J. Valdez & Phillip Granberry
Pages: 2883-2897
Published online: 03 Oct 2021

Evidence attack in public health: Diverse actors’ experiences with translating controversial or misrepresented evidence in health policy and systems research
Pages: 3043-3059
Published online: 07 Jan 2022

Special Issue: Human Rights and Global Health
Introduction: Human rights and global health special issue
Richard Parker & Laura Murray
Pages 3090-3097 | Received 22 Sep 2022, Accepted 22 Sep 2022, Published online: 07 Nov 2022

ABSTRACT
The emergence of the field of health and human rights during the closing decades of the twentieth century offered the promise of an important shift of perspective within global health. It has been
increasingly questioned, however, to what extent the health and human rights framework has indeed succeeded in ushering in a new era of global health governance and justice, as the topic has remained marginalised, marked by regional inequalities, and often dominated by legalist visions and global North perspectives. The articles and commentaries in this special issue seek to create a space where a number of other perspectives and voices can be part of the discussion. They add new perspectives and offer roadmaps for how to rewire the ways in which knowledge is constructed and relationships are formed in the field of health and human rights. In doing so, they present important possibilities for how to build a more just and egalitarian field.

Globalization and Health
http://www.globalizationandhealth.com/
[Accessed 26 Nov 2022]
[No new digest content identified]

Health and Human Rights
Volume 24, Issue 1, June 2022
[Reviewed earlier]

Health Economics, Policy and Law
Volume 17 - Issue 4 - October 2022
https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue
[Reviewed earlier]

Health Policy and Planning
Volume 37, Issue 9, November 2022
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http://www.health-policy-systems.com/content
[Accessed 26 Nov 2022]
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Human Gene Therapy
Volume 33, Issue 21-22 / November 2022
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[No new digest content identified]

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Volume 18, Issue 5, 2022
https://www.tandfonline.com/toc/khvi20/18/5?nav=tocList
[Reviewed earlier]

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Nov 08, 2022 Volume 55 Issue 11 p1967-2210
https://www.cell.com/immunity/current
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Volume 14, Issue 6, November 2022
https://academic.oup.com/inthealth/issue/14/6
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International Human Rights Law Review
Volume 11 (2022): Issue 1 (Jun 2022)
https://brill.com/view/journals/hrlr/11/1/hrlr.11.issue-1.xml
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International Journal of Community Medicine and Public Health
Vol 9, No 11 (2022) November 2022
[New issue; No digest content identified]

International Journal of Epidemiology
Research Letter

Human Monkeypox Virus Infection in the Immediate Period After Receiving Modified Vaccinia Ankara Vaccine

Aniruddha Hazra, MD; Laura Rusie, ScM; Trevor Hedberg, MPH, PA-C; et al.

This study uses electronic medical record data to describe monkeypox infections after a single dose of Modified Vaccinia Ankara-Bavarian Nordic vaccine, a live, nonreplicating vaccine indicated for prevention of smallpox and monkeypox infection in adults.

Editorial

The International Code of Medical Ethics of the World Medical Association

Ramin Walter Parsa-Parsi, MD, MPH

JAMA Pediatrics

November 2022, Vol 176, No. 11, Pages 1061-1156

JBI Evidence Synthesis

November 2022 - Volume 20 - Issue 11

Journal of Adolescent Health

November 2022 Volume 71 Issue 5 p521-654
Journal of Artificial Intelligence Research
Vol. 75 (2022)
https://www.jair.org/index.php/jair
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Journal of Community Health
Volume 47, issue 6, December 2022
https://link.springer.com/journal/10900/volumes-and-issues/47-6
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Journal of Development Economics
Volume 159  November 2022
[Reviewed earlier]

Journal of Empirical Research on Human Research Ethics
Volume 17 Issue 5, December 2022
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Ethical Issues using Digital Surveillance Technologies in Research
[Reviewed earlier]

Journal of Epidemiology & Community Health
November 2022 - Volume 76 - 11
https://jech.bmj.com/content/76/11
[New issue; No relevant content identified]

Journal of Evidence-Based Medicine
Volume 15, Issue 3  Pages: 181-314  September 2022
https://onlinelibrary.wiley.com/toc/17565391/current
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Journal of Global Ethics
Volume 18, Issue 1, 2022
http://www.tandfonline.com/toc/rjge20/current
Special Issue: Relational Theory: Feminist Approaches, Implications, and Applications
Guest Editors Christine M. Koggel, Ami Harbin and Jennifer J. Llewellyn
[Reviewed earlier]

Journal of Health Care for the Poor and Underserved (JHCPU)
Volume 33, Number 4, November 2022
Journal of Immigrant and Minority Health
Volume 24, issue 5, October 2022
Contents
[Reviewed earlier]

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Volume 20, 2022  Issue 4
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Volume 226, Issue 10, 15 November 2022
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Volume 34, Issue 8  Pages: 1453-1648  November 2022
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[Reviewed earlier]

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November 2022 - Volume 48 - 11
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Journal of Patient-Centered Research and Reviews
Volume 9, Issue 3 (2022)
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[Reviewed earlier]

Journal of Pediatrics
November 2022  Volume 250  p1-118
http://www.jpeds.com/current
[Reviewed earlier]
A revolution in the management of multidrug-resistant tuberculosis
Keertan Dheda, Christoph Lange

**Articles**

*Evaluation of two short standardised regimens for the treatment of rifampicin-resistant tuberculosis (STREAM stage 2): an open-label, multicentre, randomised, non-inferiority trial*

Ruth L Goodall, et al. for the STREAM study collaborators
Open Access

**The Lancet Child & Adolescent Health**

Nov 2022 Volume 6 Number 11 p747-828, e22-e23
https://www.thelancet.com/journals/lanchi/issue/current
[Reviewed earlier]

**Lancet Digital Health**

Nov 2022 Volume 4 Number 11 e765-e849
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**Lancet Infectious Diseases**

Nov 2022 Volume 22 Number 11 p1513-1648, e310-e347
https://www.thelancet.com/journals/laninf/issue/current
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**Lancet Public Health**

Nov 2022 Volume 7 Number 11 e885-e982
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**Lancet Respiratory Medicine**

Nov 2022 Volume 10 Number 11 p1009-1098, e94-e106
https://www.thelancet.com/journals/lanres/issue/current
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**Maternal and Child Health Journal**

Volume 26, issue 11, November 2022
[Reviewed earlier]

**Medical Decision Making (MDM)**

Volume 42 Issue 8, November 2022
The Milbank Quarterly
A Multidisciplinary Journal of Population Health and Health Policy
Volume 100, Issue 3  Pages: 617-961  September 2022
https://onlinelibrary.wiley.com/toc/14680009/current
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Nature
Volume 611 Issue 7937, 24 November 2022
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Volume 40 Issue 11, November 2022
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Nature Genetics
Volume 54 Issue 11, November 2022
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[Reviewed earlier]

Nature Human Behaviour
Volume 6 Issue 11, November 2022
https://www.nature.com/nathumbehav/volumes/6/issues/11
[Reviewed earlier]

Nature Medicine
Volume 28 Issue 11, November 2022
https://www.nature.com/nm/volumes/28/issues/11
[Reviewed earlier]

Nature Reviews Drug Discovery
Nearly 3 years into the Covid-19 pandemic, the United States leads high-income nations in Covid-19–related mortality.1 Millions of persons now have long-term neurologic, cardiopulmonary, and other disabling conditions. Essential workers continue to face high workplace exposure to Covid-19 with few protections. To prevent Covid-19 transmission, 40 states and Washington, DC, implemented universal indoor masking policies in 2020.2 Most maintained these policies until May 2021, when the Centers for Disease Control and Prevention (CDC) replaced guidance that everyone wear masks with guidance according to vaccination status.3 Understanding the effects of universal masking policies as compared with individual masking is critical to minimizing the inequitable harms caused by Covid-19 and maximizing our ability to learn, work, and socialize during the pandemic...
**Pediatrics**  
Volume 150, Issue 5  November 2022  
https://publications.aap.org/pediatrics/issue/150/5  
*Articles*  
[Reviewed earlier]

**PharmacoEconomics**  
Volume 40, issue 11, November 2022  
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**PLoS Biology**  
https://journals.plos.org/plosbiology/  
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*Meta-Research Article*  
**Systematic assessment of the replicability and generalizability of preclinical findings: Impact of protocol harmonization across laboratory sites**  
María Arroyo-Araujo, Bernhard Voelkl, Clément Laloux, Janja Novak, Bastijn Koopmans, Ann-Marie Waldron, Isabel Seiffert, Helen Stirling, Katharina Aulehner, Sanna K. Janhunen, Sylvie Ramboz, Heidrun Potschka, Johanna Holappa, Tania Fine, Maarten Loos, Bruno Boulanger, Hanno Würbel, Martien J. Kas  
| published 23 Nov 2022 PLOS Biology  
https://doi.org/10.1371/journal.pbio.3001886

**PLoS Genetics**  
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**PLoS Medicine**  
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**Vaccine effectiveness against SARS-CoV-2 reinfection during periods of Alpha, Delta, or Omicron dominance: A Danish nationwide study**  
Katrine Finderup Nielsen, Ida Rask Moustsen-Helms, Astrid Blicher Schelde, Mie Agermose Gram, Hanne-Dorthe Emborg, Jens Nielsen, Christian Holm Hansen, Michael Asger Andersen, Marianna Meaidi, Jan Wohlfahrt, Palle Valentiner-Branth  
Research Article | published 22 Nov 2022 PLOS Medicine  
https://doi.org/10.1371/journal.pmed.1004037

**PLoS Neglected Tropical Diseases**  
http://www.plosntds.org/
Trust and vaccination intentions: Evidence from Lithuania during the COVID-19 pandemic
Laura Galdikiene, Jurate Jaraite, Agne Kajackaite
Research Article | published 23 Nov 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0278060

Knowledge, attitude, and uptake of human papilloma virus vaccine and associated factors among female preparatory school students in Bahir Dar City, Amhara Region, Ethiopia
Etenesh Adela Lakneh, Eleni Admassu Mersha, Melash Belachew Asresie, Habtam Gebrehana Belay
Research Article | published 21 Nov 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0276465

Assessment of COVID-19 vaccination among healthcare workers in Iraq; adverse effects and hesitancy
Omeed Darweesh, Nasir Khatab, Ramiar Kheder, Thulfiqar Mohammed, Tola Faraj, Sabah Ali, Muath Ameen, Azad Kamal-Aldin, Mohammed Alswes, Naif Al-Jomah
Research Article | published 18 Nov 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0274526

Pandemic fatigue impedes mitigation of COVID-19 in Hong Kong
Hong Kong has implemented stringent public health and social measures (PHSMs) to curb each of the four COVID-19 epidemic waves since January 2020. The third wave between July and September 2020 was brought under control within 2 m, while the fourth wave ...
Zhanwei Du, et al.

Pandemic fatigue fueled political discontent during the COVID-19 pandemic
Health authorities have highlighted “pandemic fatigue” as a psychological consequence of the COVID-19 pandemic and warned that “fatigue” could demotivate compliance with health-related policies and mandates. Yet, fatigue from following the policies of ...
Frederik Jørgensen, et al.
Abstracts of World Health Organization Emergency Medical Teams Global Meeting 2022

Preventive Medicine
Volume 164  November 2022
[Reviewed earlier]

Proceedings of the Royal Society B
30 November 2022  Volume 289  Issue 1987
https://royalsocietypublishing.org/toc/rspb/current
Biological science practices
Why don't we share data and code? Perceived barriers and benefits to public archiving practices
Dylan G. E. Gomes
Published:23 November 2022Article ID:20221113
Abstract
The biological sciences community is increasingly recognizing the value of open, reproducible and transparent research practices for science and society at large. Despite this recognition, many researchers fail to share their data and code publicly. This pattern may arise from knowledge barriers about how to archive data and code, concerns about its reuse, and misaligned career incentives. Here, we define, categorize and discuss barriers to data and code sharing that are relevant to many research fields. We explore how real and perceived barriers might be overcome or reframed in the light of the benefits relative to costs. By elucidating these barriers and the contexts in which they arise, we can take steps to mitigate them and align our actions with the goals of open science, both as individual scientists and as a scientific community.

Public Health
Volume 212  Pages 1-110 (November 2022)
[Reviewed earlier]

Public Health Ethics
Volume 15, Issue 1, April 2022
http://phe.oxfordjournals.org/content/current
[Reviewed earlier]

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Volume 137 Issue 6, November/December 2022
Qualitative Health Research
Volume 32 Issue 13, November 2022
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[Reviewed earlier]

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Volume 18 Issue 4, October 2022
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[Reviewed earlier]

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http://www.reproductive-health-journal.com/content
[Accessed 26 Nov 2022]
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Revista Panamericana de Salud Pública/Pan American Journal of Public Health
(RPSP/PAJPH)
https://www.paho.org/journal/en
Selected Articles
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Risk Analysis
Volume 42, Issue 10 Pages: 2125-2343 October 2022
https://onlinelibrary.wiley.com/toc/15396924/current
[Reviewed earlier]

Risk Management and Healthcare Policy
[Accessed 26 Nov 2022]
[No new digest content identified]

Science
Volume 378| Issue 6622| 25 Nov 2022
https://www.science.org/toc/science/current
Special issue: Cell Engineering

Policy Forum
Ethics guidelines for human enhancement R&D
Abstract

The term “human enhancement” refers to a broad range of interventions and technologies that aim at improving human beings beyond what is considered typical or normal. Examples include prosthetic limbs that outperform biological limbs, or drugs that boost cognitive capacities beyond typical human range. Human enhancement is widely discussed as an area of serious ethical concern (1, 2), but there has been no systematic means for implementing ethical oversight of research and development (R&D) that could be directed at human enhancement. In 2021, however, the European Commission (EC) endorsed a set of ethics guidelines for human enhancement that is now included in the ethics review guidance for its Horizon Europe funding program (3). This is the first time that extensive guidelines for human enhancement have been proposed and set for research. Though developed within a European context, the guidelines, whose development and limitations are discussed below, aim to be international in scope.
to develop a consistently rapid process to support the identification and adoption of high-value innovations in the English NHS.

Authors: Gill Norman, Paul Wilson, Jo Dumville, Peter Bower and Nicky Cullum
Citation: Systematic Reviews 2022 11:250
Content type: Methodology Published on: 23 November 2022

**Theoretical Medicine and Bioethics**
Volume 43, issue 5-6, December 2022

*Original Paper*
**Misapplying autonomy: why patient wishes cannot settle treatment decisions**
Colin Goodman, Timothy Houk
Published: 28 October 2022
Pages: 289 - 305

*Abstract*
The principle of autonomy is widely recognized to be of utmost importance in bioethics; however, we argue that this principle is often misapplied when one fails to distinguish two different contexts in medicine. When a particular patient is offered treatment options, she has the ultimate say in whether to proceed with any of those treatments. However, when deciding whether a particular intervention should be regarded as a form of medical treatment in the first place, it is the medical community who has the ultimate say. Some argue that particular interventions should be allowed by virtue of the fact that they are autonomously requested. But making such an argument fails to distinguish between these two contexts and misapplies the principle of autonomy, ultimately having the potential to instigate problematic changes in the practice of medicine.

**Travel Medicine and Infectious Diseases**
Volume 50 November–December 2022
[Reviewed earlier]

**Tropical Medicine & International Health**
Volume 27, Issue 11 Pages: i-iv, 941-1023 November 2022
[Reviewed earlier]

**Vaccine**
Volume 40, Issue 47 Pages 6689-6892 (8 November 2022)
Review article  Open access
**Impact of rotavirus vaccination on seizure hospitalizations in children: A systematic review**
Jorge Arasa, Mónica López-Lacort, Javier Díez-Domingo, Alejandro Orrico-Sánchez
Pages 6711-6721

Research article  Open access
Safety of the Fiocruz ChAdOx COVID-19 vaccine used in a mass vaccination campaign in Botucatu, Brazil
Sue Ann Costa Clemens, Carlos Magno Castelo Branco Fortaleza, Madeleine Crowe, Andrew Pollard, ...
Ralf Clemens
Pages 6722-6729

Research article  Abstract only
Factors associated with pneumococcal vaccine uptake among vulnerable older adults in the United States primary care setting
Megan Whaley, David R. Axon
Pages 6756-6766

Research article  Abstract only
Catch-up immunisation for migrant children in Melbourne: A qualitative study with providers to determine key challenges
Isabella Overmars, Jessica Kaufman, Philippa Holland, Margie Danchin, Jane Tuckerman
Pages 6776-6784

Research article  Abstract only
The fight against poliomyelitis through the history: past, present and hopes for the future. Albert Sabin’s missing Nobel and his “gift to all the world’s children”
Mariano Martini, Davide Orsini
Pages 6802-6805

Research article  Full text access
COVID-19 vaccine literacy and vaccine hesitancy among pregnant women and mothers of young children in Japan
Yoko Takahashi, Kazue Ishitsuka, Makiko Sampei, Sumiyo Okawa, ... Naho Morisaki
Pages 6849-6856

Research article  Full text access
Challenges, best practices, and lessons learned from oral cholera mass vaccination campaign in urban Cameroon during the COVID-19 era
Adidja Amani, Solange Ngo Bama, Mariette Dia, Skinner Nguefack Lekelem, ... Joseph Kamgno
Pages 6873-6879

Vaccines
https://www.mdpi.com/journal/vaccines
[Accessed 26 Nov 2022]
Latest Articles
Open Access  Article
Parent Acceptance toward Inactivated COVID-19 Vaccination in Children with Acute Lymphoblastic Leukemia: The Power of Oncologist and Alliance
by Yifei Ma, et al.
Vaccines 2022, 10(12), 2016; https://doi.org/10.3390/vaccines10122016 (registering DOI) - 25 Nov 2022
Abstract
Objectives: The current study aims to survey the willingness of parents to vaccinate their children, who are childhood acute lymphoblastic leukemia survivors (CALLS), and identify factors associated with vaccine acceptance. Methods: Parents of CALLS on/off treatment, with the general condition of [...]
Abstract
The COVID-19 pandemic has exacerbated inequalities between low- and high-income countries. Within the latter, a greater impact is seen in the poorest and most vulnerable people, including refugees, asylum seekers, and migrants. They all may experience poor access to quality healthcare or have [...]

Pre-Print Servers

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Selected Research
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Selected Research
Prediction of Covid-19 vaccine effectiveness in adult populations and in clinically-vulnerable subgroups
Oleg Volkov, Svetlana Borozdenkova, Alexander Gray
medRxiv 2022.11.22.22282637; doi: https://doi.org/10.1101/2022.11.22.22282637

Assessment of Attitude and Hesitancy Towards Covid-19 Vaccine among Hepatitis B and C Patients in Pakistan
Farheen Shafique, Mahreen Ul Hassan, Sadia Butt, Sadia Siddique, Nazia Akbar, Azra Abrar, Irshad Rehman
medRxiv 2022.11.23.22282686; doi: https://doi.org/10.1101/2022.11.23.22282686

The dynamic relationship between COVID-19 cases and SARS-CoV-2 wastewater concentrations across time and space: considerations for model training data sets
Rebecca Schill, Kara L Nelson, Sasha Harris-Lovett, Rose S Kantor
Do Public Health Efforts Matter? Explaining Cross-Country Heterogeneity in Excess Death During the COVID-19 Pandemic
Min Woo Sun, David Troxell, Robert Tibshirani
medRxiv 2022.11.21.22282563; doi: https://doi.org/10.1101/2022.11.21.22282563

Abstract
The COVID-19 pandemic has taken a devastating toll around the world. Since January 2020, the World Health Organization estimates 14.9 million excess deaths have occurred globally. Despite this grim number quantifying the deadly impact, the underlying factors contributing to COVID-19 deaths at the population level remain unclear. Prior studies indicate that demographic factors like proportion of population older than 65 and population health explain the cross-country difference in COVID-19 deaths. However, there has not been a holistic analysis including variables describing government policies and COVID-19 vaccination rate. Furthermore, prior studies focus on COVID-19 death rather than excess death to assess the impact of the pandemic. Through a robust statistical modeling framework, we analyze 80 countries and show that actionable public health efforts beyond just the factors intrinsic to each country are necessary to explain the cross-country heterogeneity in excess death.

Moving from theory to practice: exploring power and power sharing in participatory health research partnerships: a scoping review protocol
Nino Burduladze, Laundette P. Jones, Brian D. Jones, Uchizi Msowoya, Jon Salsberg, Anna Whitney, Meghan Gilfoyle
medRxiv 2022.11.21.22282508; doi: https://doi.org/10.1101/2022.11.21.22282508

OSF Pre-prints
https://osf.io/preprints/discover?provider=OSF&subject=bepress%7CLife%20Sciences
[Accessed 26 Nov 2022]

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

Online Credibility of National Health Institutions: Infodemiological Analysis of Facebook Users' Reactions in Eight Countries Worldwide
Alessandro Rovetta
Last edited: Nov 26, 2022 UTC
Medicine and Health Sciences Public Health

Public trust in physicians, health-related websites, and medical institutions is one of the main determinants of health behaviour. This paper aims to examine the online credibility of the leading national health authorities in various countries worldwide in order to estimate the extent of the reputa...

OSF Preprints

Explaining polarized trust in scientists: A political stereotype-approach
Marlene Sophie Altenmüller
Tobias Wingen
Anna Schulte
Last edited: Nov 25, 2022 UTC
Social and Behavioral Sciences Psychology Social Psychology
Public trust in science is polarized along political lines. Conservatives trust scientists and their findings less than do liberals – but why? Here, we show that people across the political spectrum hold stereotypes about scientists' political orientation (e.g., "scientists are liberal"), compare th ...

**Wellcome Open Research**  [to 26 Nov 2022]
https://wellcomeopenresearch.org/browse/articles
[Accessed 26 Nov 2022]
Selected Research

*Research Article* metrics AWAITING PEER REVIEW

**Evaluating the impact of Respiratory Syncytial Virus immunisation strategies on antibiotic use and drug resistant bacterial infections in England** [version 1; peer review: awaiting peer review]
Katherine E. Atkins, David Hodgson, Mark Jit, Nicholas G. Davies
Peer Reviewers Invited
Funder
National Institute for Health Research Health Protection Research Unit
PUBLISHED 24 Nov 2022

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**Think Tanks**

**Brookings**  [to 26 Nov 2022]
http://www.brookings.edu/
Latest Research [Selected]
No new digest content identified

**Center for Global Development**  [to 26 Nov 2022]
https://www.cgdev.org/
All Research [Selected]
No new digest content identified

**Chatham House**  [to 26 Nov 2022]
https://www.chathamhouse.org/
Selected Analysis, Comment
No new digest content identified

**CSIS**  [to 26 Nov 2022]
https://www.csis.org/
Selected Reports, Events
No new digest content identified.
The U.S.-Mexico Border Region Faced a Range of Health Challenges Long Before the Current Immigration Surge
November 21, 2022 News Release

With intense immigration activity at the U.S.-Mexico border this year and attention focused on the plight of newly arriving migrants, a new KFF analysis finds communities along the border faced an array of socioeconomic challenges and weak health infrastructures well before this year's surge. Texas – which has the most...