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 and the elements of each edition are presented as a blog posts 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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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.

Support this knowledge-sharing service: Your financial support helps us cover our costs and to address a current shortfall in our annual operating budget. Click here to donate and thank you in advance for your contribution.

Contents [click to move among sections]
:: Coronavirus [COVID-19] - WHO
:: Organization Announcements
::
:: Journal Watch
Milestones, Perspectives

Strategic Advisory Group of Experts on Immunization (SAGE) - October 2022

3 – 6 October 2022
Meeting materials
- Final agenda
- Declaration of Interest
- SAGE Yellow Book October 2022

WHO Director-General's closing remarks at the meeting of the Strategic Advisory Group of Experts (SAGE) on Immunization - 6 October 2022

6 October 2022
Your Excellency Jaleela Jawad, Dr Alejandro Cravioto, Members of the SAGE, Chairs of the Regional Immunization Technical Advisory Groups,

Dear colleagues and friends, Good afternoon, it’s a pleasure to be here. I thank you all for sharing your time and expertise to help shape WHO’s guidance on COVID-19 and many other lifesaving vaccines over the last 30 months, in what has been an exceptionally challenging period. Please accept on behalf of all of WHO our gratitude for your contribution.

Your agenda this week highlights the vital role of vaccination in primary health care and outbreak control, as well as the challenges and demands on immunization programmes during a regional or global health emergency. I look forward to hearing the key outcomes of your deliberations.

I also thank the five members of SAGE who are rotating out of the committee at the end of this year.

- Your Excellency, Minister Dr Jaleela Jawad, you have served in many advisory roles, and in SAGE you have led work on measles, tetanus and enhancing immunization data.
- Professor Rakesh Aggarwal, you have made important contributions to SAGE’s work on HPV vaccines and dosing schedules, as well as on hepatitis A, influenza, and numerous other topics.
- Dr Ilesh Jani, you have led SAGE's work on typhoid and especially on polio vaccine, making numerous strategic policy recommendations to achieve our shared goal of eradication.
- Professor Noni MacDonald, you have served in many advisory roles with WHO over the last two decades, including as a founding member of the Global Advisory Committee on Vaccine Safety, and have contributed greatly to SAGE’s work on the global vaccine action plan, quality of immunization data, and on vaccine hesitancy.

And a special appreciation to Professor Alejandro Cravioto. You have served on SAGE for almost eight years, including as SAGE Chair for the past six. You have dedicated your time to countless areas of vaccine policy work globally, regionally and nationally. Above all, you have provided strong leadership to SAGE through a very challenging period. I have particularly appreciated the opportunity to hear directly from you at the end of each SAGE meeting.
To all of you, you have my deep appreciation for sharing your time and expertise with us. I hope we can continue to count on you to work with WHO in the future, to support countries, regions and the world. I invite you all to come forward now so I may thank you personally.

[DG hands letter of appreciation to each, shakes hand, and photo taken]

Finally, I have the great pleasure of welcoming the five incoming SAGE members as well as the incoming Chair of SAGE, Professor Hanna Nohynek and the incoming Vice Chair, Professor Shabir Madhi.

Three of you are here with us in person: Dr Rebecca Grais; Professor Cristiana Toscano; and Professor Ziad Memish; and two are joining remotely: Professor Gabriel Leung and Professor Saad Omer. Welcome to WHO and to SAGE, and thank you for offering your time and expertise in developing WHO guidance in vaccine and immunization policy. This work saves lives.

I also thank the Working Group members, and the SAGE Secretariat under Dr Joachim Hombach, for the months of detailed technical work which is the foundation for SAGE deliberations and recommendations.

Once again, my deep thanks to all of you for everything you do to ensure people around the world benefit from the life-saving power of vaccines. I thank you.

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Featured Journal Content

Bulletin of the World Health Organization
Volume 100(10); 2022 Oct 1
https://www.ncbi.nlm.nih.gov/pmc/issues/417951/

Perspectives

Inequalities in COVID-19 mortality: defining a global research agenda
Joseph Friedman, Mirza Balaj, Nazrul Islam, Youyang Gu, Petra Nahmia, Carolina Santamaría-Ulloa, Andres Gutierrez Rojas, Kumanan Rasanathan, Ahmad Reza Hosseinpoor, Jacques BO Emina, Terje Andreas Eikemo, Carlos Castillo-Salgado
Bull World Health Organ. 2022 Oct 1; 100(10): 648–650. Published online 2022 Sep 2.
doi: 10.2471/BLT.22.288211
PMCID: PMC9511668

The global death toll of the coronavirus disease 2019 (COVID-19) pandemic is very high, with over 6 million officially registered deaths and estimates of excess mortality ranging from 10 million to 20 million. Yet this burden has not been equally distributed between countries or across race, ethnicity, socioeconomic status and social class within countries. Evidence from several countries indicate disparities in exposure, susceptibility and capacity to treat and contain infection, severe illness, hospitalization and death stemming from the disease. Leading scholars have described COVID-19 as a syndemic (that is, where social and biological factors interact to produce poor health outcomes), as mortality and morbidity from the pandemic feed into and exacerbate existing inequalities in social
conditions and chronic disease rates. An early systematic review revealed stark social inequalities in mortality in the early months of the pandemic among a subset of high-income countries.

A recent World Health Organization (WHO) evidence brief identified evidence of poorer COVID-19-related outcomes within countries for lower income individuals, marginalized ethnic minorities, indigenous people, low-paid essential workers, migrants, populations affected by emergencies (including conflicts), incarcerated populations and people experiencing homelessness and housing insecurity.

Although evidence suggests that the pandemic has exacerbated social inequalities in mortality, a global synthesis of the trajectory of COVID-19 is needed. Furthermore, quantitative data synthesis is required to understand the global magnitude of inequalities in COVID-19 mortality, as measured with respect to a diverse set of social stratifiers (that is, measures of socioeconomic position, such as educational attainment or wealth). We also need more clarity to ascertain the global picture of the theoretical and methodological approaches underpinning COVID-19 mortality inequality research.


Here, we detail the global research agenda defined by this working group to assess the state of existing scientific knowledge regarding social inequalities in COVID-19 mortality, synthesize research about the scope and magnitude of inequalities, and identify key gaps for ongoing data collection and study...

An invitation to collaboration

This study of global health inequalities must be conducted as a global, collaborative endeavour to be successful. A key aspect of this research will entail the development of a COVID-19 Mortality Inequality Collaborator Network, consisting of interested researchers with relevant expertise from diverse world regions and academic backgrounds. Collaborators will participate in identifying and addressing data gaps, reviewing model analyses, guiding the interpretation of findings and developing peer-reviewed articles. We encourage interested candidates, especially those from underrepresented backgrounds and from low- and middle-income countries, to join this project’s collaborator network. A doctoral or master’s degree, or equivalent experience, and expertise in the measurement of social inequalities in mortality in country of origin or professional context are desired characteristics of collaborator network candidates. At a minimum, collaborator network members can expect to provide structured feedback at several stages of the research process, including reviewing identified data sources, analytical outputs and manuscript drafts. More information can be found at the working group’s website.

Although this work will be initially limited to studying inequalities in mortality stemming from the COVID-19 pandemic, the study will lay the groundwork for subsequent research regarding inequalities in morbidity, which is especially relevant in light of the long-term sequelae experienced by many COVID-19 patients. We expect this research endeavour will result in a comprehensive summary of research describing inequalities in COVID-19 mortality, summarizing the status of current research in the field, and identifying key gaps for future efforts in this area. These results will be invaluable to the
Inequality Working Group in making recommendations regarding key priority areas moving forward, as well as opportunities to coordinate data generation and analyses between countries.

Physician’s Code of Medical Ethics updated - World Medical Association
08.10.2022

The revised Code, regarded as the foundation of ethical principles for physicians worldwide, defines the professional duties of physicians towards their patients, other physicians and health professionals, themselves, and society as a whole. It was adopted today in a unanimous vote at the WMA’s annual General Assembly in Berlin by physician leaders from almost 60 national medical associations.

The Code was first adopted in 1949 and last revised in 2006, and the new version includes for the first time sections on patient autonomy, physician well-being, remote treatment and environmental sustainability. The revision process has taken the WMA three years and involved several expert regional conferences and public consultation.

During the debates, the most contentious proposal concerned mandatory referral, obliging doctors who object to controversial procedures such as physician assisted suicide or abortion to refer to a willing doctor. After considerable debate, a compromise agreement was reached that does not require doctors to refer in case of a conscientious objection. Rather, the compromise says ‘Physician conscientious objection to provision of any lawful medical interventions may only be exercised if the individual patient is not harmed or discriminated against and if the patient’s health is not endangered.

‘The physician must immediately and respectfully inform the patient of this objection and of the patient’s right to consult another qualified physician and provide sufficient information to enable the patient to initiate such a consultation in a timely manner’.

The Code says that physicians must respect not only the dignity and the rights of patients, but also explicitly mentions their autonomy. For the first time the Code refers to environmental health, saying ‘The physician should strive to practise medicine in ways that are environmentally sustainable with a view to minimising environmental health risks to current and future generations.’

Remote treatment is included for the first time. The Code says: ‘When providing medical care remotely, the physician must ensure that this form of communication is medically justifiable and that the necessary medical care is provided. The physician must also inform the patient about the benefits and limitations of receiving medical care remotely, obtain the patient’s consent, and ensure that patient confidentiality is upheld. Wherever medically appropriate, the physician must aim to provide care to the patient through direct, personal contact.’

And finally, the Code declares that physicians must attend to their own health, well-being, and abilities, and seek appropriate care to ensure that they are able to practise safely.
**Multi-country outbreak of monkeypox, External situation report #7 - 5 October 2022**

**Highlights**
- During the week of 26 September to 2 October 2022, the number of monkeypox cases reported in the Regions of Europe and the Americas declined, driving the overall downward trend observed since August 2022.
- Since the last edition published on 21 September 2022, 7147 new cases (11.6% increase in total cases) and three new deaths have been reported.
- On 5 October 2022, WHO launched its Monkeypox Strategic Preparedness, Readiness and Response Plan which outlines the priority actions needed to stop human-to-human transmission of monkeypox, minimize animal-human transmission of the virus in affected countries, and protect vulnerable groups at risk of severe disease.
- WHO reiterates the importance of using standardized case and death definitions and encourages its Member States to adopt and apply the monkeypox death definition as highlighted in the latest version of the monkeypox surveillance guidance.

*Figure 1. Epidemiological curve of weekly aggregated confirmed cases of monkeypox by region, from 1 January to 2 October 2022 17:00 CEST.*

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*This figure shows aggregated weekly data, for completed epidemiological weeks ending on Sundays. Data on the current week will be presented in the next situation report.*
Weekly Epidemiological and Operational updates

Last update: 08 Oct 2022

Confirmed cases :: 617 597 680
Confirmed deaths :: 6 532 705
Vaccine doses administered: 12 723 216 322

Weekly epidemiological update on COVID-19 – 5 October 2022

Overview

Globally, the number of new weekly cases decreased by 6% during the week of 26 September to 2 October 2022, as compared to the previous week, with over 2.9 million new cases reported. The number of new weekly deaths decreased by 12%, as compared to the previous week, with just over 8300 fatalities reported.

As of 2 October 2022, 615 million confirmed cases and 6.5 million deaths have been reported globally...

Status of COVID-19 Vaccines within WHO EUL/PQ evaluation process 07 July 2022

[New additions; Full scale view available at title link above]
An overview of information collected from publicly announced bilateral and multilateral supply agreements [no new agreements since 3/20/2022 reported]

<table>
<thead>
<tr>
<th>Vaccines approved for use by at least one national regulatory authority</th>
<th>Vaccines in WHO’s Emergency Use Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Doses shipped through COVAX to 146 countries</th>
<th>Reported vaccine price range per dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.77bn</td>
<td>$2–$40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Doses secured globally</th>
<th>Novel oral antiviral therapeutic treatments arrived in 3 countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.6bn</td>
<td>44K</td>
</tr>
</tbody>
</table>

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.

Dashboard on Vaccine Equity [accessed 08 Oct 2022]: https://data.undp.org/vaccine-equity/
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.
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.
Donor charts are ordered by proportion of pledged donations shipped.

<table>
<thead>
<tr>
<th>Country</th>
<th>Pledged doses</th>
<th>Total Shipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>784,000,000</td>
<td>800,000,000</td>
</tr>
<tr>
<td>China</td>
<td>173,000,000</td>
<td>137,000,000</td>
</tr>
<tr>
<td>Germany</td>
<td>124,000,000</td>
<td>100,000,000</td>
</tr>
<tr>
<td>France</td>
<td>100,000,000</td>
<td>77,000,000</td>
</tr>
<tr>
<td>Spain</td>
<td>7,000,000</td>
<td>6,000,000</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>50,000,000</td>
<td>40,000,000</td>
</tr>
<tr>
<td>Italy</td>
<td>50,000,000</td>
<td>40,000,000</td>
</tr>
<tr>
<td>Australia</td>
<td>50,000,000</td>
<td>40,000,000</td>
</tr>
<tr>
<td>Japan</td>
<td>50,000,000</td>
<td>40,000,000</td>
</tr>
<tr>
<td>Canada</td>
<td>50,000,000</td>
<td>40,000,000</td>
</tr>
</tbody>
</table>

COVID Vaccines – OCHA:: HDX

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

**COVID-19 Vaccine Roll-out**
Global COVID-19 Figures: 120M total confirmed cases; 2.3M total confirmed deaths
Global vaccines administered: 12.8B
Number of Countries: 28
COVAX Allocations Round 4-9 (Number of Doses): 170M
COVAX Delivered (Number of Doses): 370M
Other Delivered (Number of Doses): 390M
Total Delivered (Number of Doses): 750M
Total Administered (Number of Doses): 510M

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

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.
Website accessed 08 Oct 2022: https://data.covid19taskforce.com/data The global view below is complemented by country-specific dashboards here.

Our World in Data

**Coronavirus (COVID-19) Vaccinations** [Accessed 08 Oct 2022]
:: 68.2% of the world population has received at least one dose of a COVID-19 vaccine.
:: 12.79 billion doses have been administered globally, and 4.49 million are now administered each day.
:: 22.9% of people in low-income countries have received at least one dose.

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

**HHS**
*News*
**New HHS Report: COVID-19 Vaccinations in 2021 Linked to More than 650,000 Fewer COVID-19 Hospitalizations and Over 300,000 Fewer Deaths Among Medicare Beneficiaries, Underscoring Importance of Getting Updated COVID-19 Vaccines This Fall**
October 7, 2022 | News Release

**FDA**
*Press Announcements*
October 7, 2022 - **FDA Approves Vaccine for Use During Third Trimester of Pregnancy to Prevent Whooping Cough in Infants Younger Than Two Months of Age**

Europe: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment
**European Medicines Agency**
*News & Press Releases*
No new digest content identified.

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**European Centre for Disease Prevention and Control**
*Latest Updates [Selected]*

**News**
**Weekly COVID-19 country overview**
Epidemiological update - 7 Oct 2022

**News**
**Increased diphtheria cases in migrant reception centres in Europe**
News - 6 Oct 2022

**News**
**Joint ECDC-WHO/Europe monkeypox surveillance bulletin**
Epidemiological update - 5 Oct 2022

**News**
**Monkeypox situation update, as of 4 October 2022**
Epidemiological update - 5 Oct 2022

**News**
**ECDC extended mandate endorsed today by the European Parliament**
Press release - 4 Oct 2022

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**European Commission**
*Latest [Selected]*
No new digest content identified.

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

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

Ministry of Health and Family Welfare
https://www.mohfw.gov.in/

COVID-19 INDIA as on: 08 October 2022, 08:00 IST (GMT+5:30)
(↑↓ Status change since yesterday)

<table>
<thead>
<tr>
<th>Active</th>
<th>Discharged</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>29251</td>
<td>44051228</td>
<td>528778</td>
</tr>
</tbody>
</table>

Government of India – Press Information Bureau
Latest Press Releases
No new digest content identified.

Indian Council for Medical Research (ICMR)
https://www.icmr.gov.in/media.html
Press Releases
No new digest content identified.
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.]

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PHEIC
Polio

Polio this week as of 05 Oct 2022 - GPEI
:: With two weeks to go to the global GPEI pledging moment in Berlin on 18 October, the GPEI has been increasingly receiving contributions to the polio eradication effort from private individuals around the world, wishing to contribute their own resources to the goal of a polio-free world. The pledging moment will provide the ideal platform for public-sector partners to also re-strengthen their support to achieving a lasting polio-free world.
:: Canada has become the first country in the world to advance to the second stage of poliovirus containment certification, with one of its designated poliovirus essential facilities receiving a Global Certification Commission-endorsed Interim Certificate of Containment (ICC). This is a significant milestone in global efforts to minimize the risk associated with ongoing handling and storage of eradicated poliovirus materials. Read more...
:: The Republic of Sudan closed a polio outbreak on 15 September 2022. It had paralyzed 58 children across 42 districts before it stopped circulating. This photo gallery details what it took to end the outbreak.

Summary of new polioviruses this week:
- Pakistan: one WPV1 case and two positive environmental samples
- Central African Republic: three cVDPV2 cases and two positive environmental samples
- DR Congo: six cVDPV1 cases and 13 cVDPV2 cases
- Ghana: two cVDPV2 positive environmental samples
- Mozambique: one WPV1 case and three cVDPV1 cases
- Somalia: one cVDPV2 case
- Yemen: six cVDPV2 cases

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UN OCHA – Current Emergencies
Current Corporate Emergencies
Afghanistan
No new digest content identified.

Northern Ethiopia
No new digest content identified.
WHO & Regional Offices [to 08 Oct 2022]
https://www.who.int/news
Selected News/Announcements/Statements
5 October 2022
Departmental news
South Africa’s vaccine regulator reaches new WHO level to ensure safety, quality and effectiveness

4 October 2022
Departmental news
Virtual cGMP Training Marathon for Vaccine Manufacturing: Sustaining a GMP-compliant Environment

WHO Director General Speeches [selected]
https://www.who.int/director-general/speeches
Selected Speeches
WHO Director-General’s closing remarks at the meeting of the Strategic Advisory Group of Experts (SAGE) on Immunization - 6 October 2022
6 October 2022

WHO Regional Offices
Selected Press Releases, Announcements
WHO African Region
:: GAVI’s contribution to the COVID-19 response to pandemic 07 October 2022

WHO Region of the Americas PAHO
:: PAHO supports health authorities in Haiti in the response to the reemergence of cholera
  Washington, D.C., 6 October 2022 (PAHO) – The Pan American Health Organization (PAHO) is working closely with Haitian public health authorities and international partners to support the country’s
response to the recent cholera outbreak. After more than three years without reported cases, Haiti first confirmed on 2 October two cases of Vibrio...

**WHO South-East Asia Region** SEARO
No new digest content identified.

**WHO European Region** EURO
:: 6 October 2022  News release
Health data: a cornerstone for the WHO Roadmap for Health in Central Asia
:: 6 October 2022  News release
New guide to evaluating behaviourally and culturally informed health interventions in complex settings
:: 6 October 2022  News release
What it takes to organize life-saving medical evacuations from Ukraine

**WHO Western Pacific Region**
:: 7 October 2022  Eliminating cervical cancer in the Western Pacific

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

No new DONs identified.

**WHO Events**
https://www.who.int/news-room/events/1
[Selected]
Webinar: The role of vaccines in preventing AMR
18 October 2022: 10.00-11.30 (CET)

**New WHO Publications**
https://www.who.int/publications/i
Selected Titles
9 October 2022
Summary of WHO Position Paper on hepatitis A vaccines, October 2022

7 October 2022
WHO position paper on hepatitis A vaccines – October 2022

7 October 2022
References with abstracts of the Hepatitis A vaccines: WHO position paper – October 2022
7 October 2022
**Presentation: Summary of key points - WHO position paper on hepatitis A vaccines (2022)**

7 October 2022
**Annexes to the 2022 WHO Hepatitis A Vaccine Position Paper**

7 October 2022
**Background document for the SAGE April 2022 session on Hepatitis A vaccines**

6 October 2022
**Bending the trends to promote health and well-being: a strategic foresight on the future of health promotion**

3 October 2022
**Evaluation of COVID-19 vaccine effectiveness in a changing landscape of COVID-19 epidemiology and vaccination**

CDC/ACIP [U.S.] [to 08 Oct 2022]
[http://www.cdc.gov/media/index.html](http://www.cdc.gov/media/index.html)
[https://www.cdc.gov/vaccines/acip/index.html](https://www.cdc.gov/vaccines/acip/index.html)

**Latest News Releases**

**Transcript for Vital Signs Telebriefing: Children with sickle cell anemia are at risk for stroke and other complications**
Wednesday, October 5, 2022

ACIP Meetings

**Next ACIP Meeting**
October 19-20

MMWR Weekly: Current Volume (71)
October 7, 2022 / No. 40
PDF of this issue
- Increase in Acute Respiratory Illnesses Among Children and Adolescents Associated with Rhinoviruses and Enteroviruses, Including Enterovirus D68 — United States, July–September 2022
- Monkeypox Case Investigation — Cook County Jail, Chicago, Illinois, July–August 2022
QuickStats: Percentage of Residential Care Communities that Offer Annual Influenza Vaccination to Residents and to Employees and Contract Staff Members, by Community Bed Size — United States, 2020

Coronavirus Disease 2019 (COVID-19) - CDC
Approximately 15 announcements/reports/data summaries.

Africa CDC  [to 08 Oct 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 08 Oct 2022]
http://en.nhc.gov.cn/
News
Oct 8: Daily briefing on novel coronavirus cases in China
On Oct 7, 31 provincial-level regions and the Xinjiang Production and Construction Corps on the Chinese mainland reported 501 new cases of confirmed infections.

National Medical Products Administration – PRC  [to 08 Oct 2022]
http://english.nmpa.gov.cn/
Chinese mainland reports 447 new local confirmed COVID-19 cases
2022-10-08
The Chinese mainland on Friday reported 447 locally transmitted confirmed COVID-19 cases, including 251 in Inner Mongolia and 47 in Guangdong, according to the National Health Commission's report Saturday.

CCDC Weekly Reports: Current Volume (4)
2022-10-07 / No. 40 COVID-19 ISSUE (31)
View PDF of this issue
- Vital Surveillances: Travel-related Importation and Exportation Risks of SARS-CoV-2 Omicron Variant in 367 Prefectures (Cities) — China, 2022
- Methods and Applications: Detection of SARS-CoV-2 Antibodies in Oral Fluid Using a Magnetic Particle-Based Chemiluminescence Immunoassay — Beijing Municipality, China, 2021
- Review: Mathematical Models Supporting Control of COVID-19
- Notes from the Field: First Imported Case of SARS-CoV-2 Omicron Subvariant BA.4 — Guangdong Province, China, May 4, 2022
- Notes from the Field: Emergence of a SARS-CoV-2 Omicron Subvariant BA.2.2 with a 454-Nucleotide Genomic Deletion — Sichuan Province, China, May 10, 2022

Organization Announcements

Editor’s Note:
Careful readers will note that the number and range of organizations now monitored in our Announcements section below has grown as the impacts of the pandemic have spread across global economies, supply chains and programmatic activity of multilateral agencies and INGOs.

Paul G. Allen Frontiers Group  [to 08 Oct 2022]
https://alleninstitute.org/news-press/ 
News
No new digest content identified.

BMGF - Gates Foundation [to 08 Oct 2022]
https://www.gatesfoundation.org/ideas/media-center
Press Releases and Statements
No new digest content identified.

Bill & Melinda Gates Medical Research Institute  [to 08 Oct 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 08 Oct 2022]
https://carb-x.org/
News
10.07.2022
CARB-X CONVENES AT ESCMID/ASM CONFERENCE TO LAY THE GROUNDWORK FOR THE NEXT DECADE
CARB-X is fully committed to addressing the global health threat of antimicrobial resistance. This week, its leaders convened at the ESCMID/ASM Conference on Drug Development to Meet the Challenge of Antimicrobial Resistance to lay the groundwork for CARB-X’s next decade, including plans
to strengthen international collaboration and support, and to launch new funding rounds for product developers.

**Center for Vaccine Ethics and Policy — GE2P2 Global Foundation** [to 08 Oct 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 — October 2022* is now posted here
:: *Genomic Medicine Governance, Ethics, Policy: A Quarterly Review - May 2022* is now posted here

**CEPI — Coalition for Epidemic Preparedness Innovations** [to 08 Oct 2022]
http://cepi.net/
*Latest News*
**CEPI partners with Intravacc to develop an intranasal, broadly protective Betacoronavirus vaccine**
The Avacc 101 vaccine candidate will be designed to provide broad protection against SARS-CoV-1, SAR-CoV-2, and MERS-CoV
*News*

**CIOMS — COUNCIL FOR INTERNATIONAL ORGANIZATIONS OF MEDICAL SCIENCES** [to 08 Oct 2022]
https://cioms.ch/
*News; Publications*
**CIOMS September 2022 Newsletter**
The CIOMS September 2022 Newsletter is available here.

**DARPA — Defense Advanced Research Projects Agency [U.S.]** [to 08 Oct 2022]
https://www.darpa.mil/news
*News*
*No new digest content identified.*

**Duke Global Health Innovation Center** [to 08 Oct 2022]
https://dukeghic.org/
*Our Blog*
*No new digest content identified.*

**EDCTP** [to 08 Oct 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

06 October 2022

**EDCTP mourns the loss of Ana Lúcia Weinberg**

It is with deep sadness and sorrow that we announce the passing of our dear colleague and friend Ana Lúcia Weinberg which happened on 3 October 2022. Ana Lúcia had worked at EDCTP since 2012 and will be fondly remembered by many. We offer our sincere condolences to Ana Lúcia’s family and close relatives, and colleagues and friends in the global health community.

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**Emory Vaccine Center**  [to 08 Oct 2022]

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

Vaccine Center News

No new digest content identified.

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**European Vaccine Initiative**  [to 08 Oct 2022]

http://www.euvaccine.eu/

Latest News, Events

No new digest content identified

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**Evidence Aid**  [to 08 Oct 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/

Selected Resources

No new digest content identified

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**Fondation Merieux**  [to 08 Oct 2022]

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

News, Events

No new digest content identified

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**Gavi** [to 08 Oct 2022]

https://www.gavi.org/

News Releases

3 October 2022

**Sierra Leone introduces HPV vaccine to protect girls from cervical cancer**

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**GHIT Fund**  [to 08 Oct 2022]

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

Press Releases

No new digest content identified
Global Fund  [to 08 Oct 2022]
News & Stories
No new digest content identified.

Global Research Collaboration for Infectious Disease Preparedness [GloPID-R] [to 08 Oct 2022]
https://www.glopid-r.org/news/
News
No new digest content identified

Hilleman Laboratories  [to 08 Oct 2022]
http://www.hilleman-labs.org/
News & Insights
International Vaccine Institute signs Memorandum of Understanding with Hilleman Laboratories to advance vaccine R&D and manufacturing for safe, effective, and affordable vaccines in low- and middle-income countries
04 October 2022

HHMI - Howard Hughes Medical Institute  [to 08 Oct 2022]
https://www.hhmi.org/news
Press Room
Institute  Oct 05 2022
HHMI Investigator Carolyn Bertozzi Awarded the 2022 Nobel Prize in Chemistry
The Royal Swedish Academy of Sciences announced today that HHMI Investigator Carolyn Bertozzi of Stanford University, Morten Meldal of the University of Copenhagen, and K. Barry Sharpless of the Scripps Research Institute are the recipients of the 2022 Nobel Prize in Chemistry for the development of click chemistry and bioorthogonal chemistry.

Human Vaccines Project  [to 08 Oct 2022]
http://www.humanvaccinesproject.org/
News
COVID Report
Oct 06, 2022
Kristen Jill Abboud: Monkeypox - A Preventable Pandemic?

IAVI  [to 08 Oct 2022]
https://www.iavi.org/
Latest News
No new digest content identified.
ICRC [to 08 Oct 2022]
What’s New [Selected]
No new digest content identified.

International Coalition of Medicines Regulatory Authorities [ICMRA]
Selected Statements, Press Releases, Research
No new digest content identified.

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

IFRC [to 08 Oct 2022]
Press Releases [Selected]
Water-borne diseases and food insecurity threaten Pakistan as Red Cross ramps up efforts
07/10/2022 | Press release

Institut Pasteur [to 08 Oct 2022]
Press Documents
No new digest content identified.

IOM / International Organization for Migration [to 08 Oct 2022]
News
No new digest content identified.

ISC / International Science Council [to 08 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.
News, Blogs
News
Call for nominations for Members of the Governing Council of the African Open Science Platform
07.10.2022
**Blogs**

**An extract from Peter Gluckman’s speech to the Endless Frontier Symposium**
05.10.2022

**International Union of Immunological Societies (IUIS)**
https://iuis.org/
*News/Events [Selected]*

**16th International Symposium on Dendritic Cells 2022 (DC 2022)**
Sunday 9th October 2022 at Pullman Cairns International

**IVAC** [to 08 Oct 2022]
https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html
*Updates; Events*
*No new digest content identified.*

**IVI** [to 08 Oct 2022]
http://www.ivi.int/
*IVI News & Announcements*

**IVI signs memorandum of understanding with Hilleman Laboratories to advance vaccine R&D and manufacturing for safe, effective, and affordable vaccines in low-and middle-income countries**

October 4, 2022, SEOUL, Republic of Korea – The International Vaccine Institute (IVI) has signed a three-year Memorandum of Understanding (MOU) with Hilleman Laboratories to establish a collaborative relationship in the pursuit of joint research and development of vaccines to broaden the availability of safe, effective, and affordable vaccines in low- and middle-income countries (LMICs). Together, both IVI and Hilleman Laboratories bring to the partnership extensive expertise in the full spectrum of vaccine development and share a commitment to advancing the development of safe, effective, and affordable vaccines for infectious diseases that affect LMICs...

**IVI and the London School of Hygiene & Tropical Medicine partner to accelerate vaccines for global health through joint training and research and development**

October 4, 2022, SEOUL, Republic of Korea – The International Vaccine Institute (IVI) has signed a three-year Memorandum of Understanding (MOU) with Hilleman Laboratories to establish a collaborative relationship in the pursuit of joint research and development of vaccines to broaden the availability of safe, effective, and affordable vaccines in low- and middle-income countries (LMICs). Together, both IVI and Hilleman Laboratories bring to the partnership extensive expertise in the full spectrum of vaccine development and share a commitment to advancing the development of safe, effective, and affordable vaccines for infectious diseases that affect LMICs...

**Johns Hopkins Center for Health Security** [to 08 Oct 2022]
https://www.centerforhealthsecurity.org/news/center-news/
*Center News [Selected]*
*No new digest content identified.*
MSF/Médecins Sans Frontières [to 08 Oct 2022]
http://www.msf.org/
Latest [Selected Announcements]
Uganda
**Ebola in Uganda: Four things you need to know**
Project Update 5 Oct 2022

Haiti
**MSF responds to a resurgence of cholera cases amid insecurity and violence**
Statement 4 Oct 2022

National Academy of Medicine - USA [to 08 Oct 2022]
https://nam.edu/programs/
News [Selected]
No new digest content identified.

National Academy of Sciences - USA [to 08 Oct 2022]
News
No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 08 Oct 2022]
https://www.hhs.gov/vaccines/about/index.html
Upcoming Meetings/Latest Updates
No new digest content identified.

NIH [to 08 Oct 2022]
http://www.nih.gov/
News Releases
**Findings suggest COVID-19 rebound not caused by impaired immune response**
October 6, 2022 — Detailed analysis of eight patients published.

**NIH to award over $200 million to support potentially transformative biomedical research projects**
Tuesday, October 4, 2022
The 2022 NIH Director’s Awards enable exceptionally creative scientists to push the boundaries of biomedical science.

PATH [to 08 Oct 2022]
https://www.path.org/media-center/
Press Releases
No new digest content identified.
**Rockefeller Foundation** [to 08 Oct 2022]
https://www.rockefellerfoundation.org/
Selected Reports/Press Releases
No new digest content identified.

**Sabin Vaccine Institute** [to 08 Oct 2022]
https://www.sabin.org/press/
Latest News & Press Releases
**Global Health and Gavi Veteran Anuradha Gupta to Lead Global Immunization at Sabin**
October 3, 2022

**UNAIDS** [to 08 Oct 2022]
http://www.unaids.org/en
Selected Press Releases/Reports/Statements
No new digest content identified.

**UNHCR** Office of the United Nations High Commissioner for Refugees [to 08 Oct 2022]
News Releases
**UNHCR urgently seeks US$66 million for communities devastated by Pakistan floods**
This is a summary of what was said by UNHCR spokesperson Matthew Saltmarsh – to whom quoted text may be attributed – at today’s press briefing at the Palais des Nations in Geneva.
07 October 2022

**UNICEF** [to 08 Oct 2022]
https://www.unicef.org/media/press-releases
Press Releases, News Notes, Statements [Selected]
Remarks
07 October 2022
**UNICEF warns that more children will die without immediate international support, and revises funding appeal to US$173.5 million**

GENEVA/ISLAMABAD, 7 October 2022 – “Pakistan’s catastrophic floods have already claimed the lives of 615 children. Right now, almost 10 million children are now in need of immediate, lifesaving support. It is a staggering number; indeed the scale of need is daunting. And with a heavy heart, I must state that more children will die in the coming...

Press release
05 October 2022
**Demand for life-saving supplies for children at an all-time high as UNICEF commemorates 60 years of operations in Copenhagen**
UNICEF is commemorating 60 years of delivering emergency supplies to the world’s most vulnerable children from its Global Supply and Logistics Hub in Copenhagen. The Copenhagen Hub has been shipping supplies – such as medical instruments, medicines, hygiene supplies, education materials, and sanitation...
**Wellcome Trust** [to 08 Oct 2022]
https://wellcome.ac.uk/news
*News. Opinion, Reports
Q&A*

**Monkeypox: is history repeating itself?**
7 October 2022

**The Wistar Institute** [to 08 Oct 2022]

*Press Releases*
Oct. 4, 2022

**Wistar’s Dr. Amelia Escolano Earns NIH Director’s New Innovator Award**

$1.5 million grant will fund her groundbreaking vaccine research.

... Escolano completed her scientific training in Spain, Finland, and the United States. She was recruited to Wistar in 2021 and has since focused her research on identifying guidelines for the design of vaccines that will induce long term protection against viruses that mutate frequently in humans such as HIV, influenza, and potentially future variants of SARS-CoV2. With the award, Escolano intends to expand her work on designing universal vaccines by assessing novel sequential immunization strategies, developing broadly effective antibodies, and tracking immune cell interactions upon repeated vaccination...

**WFPHA: World Federation of Public Health Associations** [to 08 Oct 2022]
https://www.wfpha.org/

*Latest News - Blog
Latest News*

*No new digest content identified.*

**World Bank** [to 008 Oct 2022]

*Selected News, Announcements
Latest News*

**Global Progress in Reducing Extreme Poverty Grinds to a Halt**

By 2030, Nearly 600 Million People Will Struggle on Less Than $2.15 a Day WASHINGTON, Oct. 5, 2022—The world is unlikely to meet the goal of ending extreme poverty by 2030 absent history-defying rates...

Date: October 05, 2022 Type: Press Release Language: English

**COVID-19 dealt a historic blow to poverty reduction. Fiscal policy can help repair the damage**

The 2022 Poverty and Prosperity Report provides the first comprehensive analysis of the pandemic’s toll on poverty in developing countries and of the role of fiscal policy in protecting vulnerable groups.

Date: October 05, 2022 Type: *Immersive Story*

**World Customs Organization – WCO** [to 08 Oct 2022]
World Medical Association  [to 08 Oct 2022]
Press Releases
Physician’s Code of Medical Ethics updated
08.10.2022
The revised Code, regarded as the foundation of ethical principles for physicians worldwide, defines the professional duties of physicians towards their patients, other physicians and health professionals, themselves, and society as a whole. It was adopted today in a unanimous vote at the WMA’s annual General Assembly in Berlin by physician leaders from almost 60 national medical associations...

Help Needed to Combat Physician Burnout, says New Physician Leader
08.10.2022
In a joint statement, the World Veterinary Association and the World Medical Association, say that dog-bite transmitted rabies is a disease of neglected populations, frequently in resource-poor areas. Most of these deaths would be avoidable if more than 70 per cent of dogs could be vaccinated and if bite victims would be properly treated through wound washing and timely post-exposure treatment. In short, the requisite tools to control rabies are currently available, however implementation of these tools is the current and greatest challenge.

World Organisation for Animal Health (OIE)  [to 08 Oct 2022]
https://www.oie.int/en/
Press Releases, Statements
No new digest content identified.

WTO - World Trade Organisation [to 08 Oct 2022]
http://www.wto.org/english/news_e/news_e.htm
WTO News and Events [Selected]
Selected Press Releases
No new digest content identified.

:::::

ARM [Alliance for Regenerative Medicine]  [to 08 Oct 2022]
Selected Press Releases
No new digest content identified.

BIO  [to 08 Oct 2022]
Press Releases
No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 08 Oct 2022]
http://www.dcvmn.org/
News; Upcoming events
No new digest content identified.

ICBA – International Council of Biotechnology Associations [to 08 Oct 2022]
https://internationalbiotech.org/news/
News
No new digest content identified.

IFPMA [to 08 Oct 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 08 Oct 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
Press Releases
No new digest content identified.

PhRMA [to 08 Oct 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* - No new digest announcements identified

**Biological E**
*News* - No new digest announcements identified

**BioNTech**
*Press Releases*
**Pfizer and BioNTech’s Omicron BA.4/BA.5-Adapted Bivalent COVID-19 Vaccine Booster Receives Health Canada Authorization for Individuals 12 Years of Age and Older**
7 October 2022

**BioNTech and Australia’s State of Victoria Form Strategic Partnership to Establish mRNA Research Center and Manufacturing Facility**
6 October 2022

**CanSinoBIO**
*News* - Website not responding at inquiry

**CIGB**
*Latest News* - No new digest announcements identified

**Cinnagen**
*Recent News* - Website not responding at inquiry

**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**
*Press releases for media* - No new digest announcements identified

**IMBCAMS**, China
*Home* - Website not responding at inquiry

**Janssen/JNJ**
*Press Releases* - No new digest announcements identified

**Medicago**
*Media* - No new digest announcements identified
Merck
_News releases_ - No new digest announcements identified

Moderna
_Press Releases_ - No new digest announcements identified

Nanogen
_News_ - No new digest announcements identified

Novartis
_News_ - No new digest announcements identified

Novavax
_Press Releases_ - No new digest announcements identified

Pfizer
_Recent Press Releases_ - No new digest announcements identified

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

Sanofi Pasteur
_Press Releases_ - No new digest announcements identified

Serum Institute of India
_NEWS & ANNOUNCEMENTS_ - No new digest announcements identified

Shifa Pharmed [Iran]
_http://shafapharmed.com/
No news page identified.

Sinopharm/WIBPBIBP
_News_ - No new digest announcements identified

Sinovac
_Press Releases_ - No new digest announcements identified

SK Biosciences
_Press Releases_ - No new digest announcements identified

Valneva
_Press Releases_ - No new digest announcements identified

Vector State Research Centre of Viralogy and Biotechnology
_Home_ - Website not responding [404 error]

WestVac Biopharma
**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 13, 2022  Issue 3
https://www.tandfonline.com/toc/uabr21/current
[Reviewed earlier]

**AMA Journal of Ethics**
Volume 24, Number 10: E913-1027  Oct 2022
https://journalofethics.ama-assn.org/issue/health-care-waste

*Health Care Waste*
Most health care generated waste is not hazardous, but it is voluminous. Health care organizations have obligations to manage waste in ways that minimize environmental impact and express their status as good citizens of their global, domestic, and regional communities. Resource-rich countries generate on average more than double the amount of hazardous waste per bed per day than resource-poor countries, and waste processing is concentrated in minoritized communities nearly everywhere. Segregating waste and reducing overall volume are key to curbing primary and secondary emissions that contaminate air and water. Decarbonization and moving the health care sector to net-zero emissions are key expressions of sincerity about motivating health equity.

**American Journal of Infection Control**
October 2022  Volume 50  Issue 10  p1077-1192
http://www.ajicjournal.org/current
[Reviewed earlier]
American Journal of Preventive Medicine
October 2022  Volume 63  Issue 4  p469-668
https://www.ajpmonline.org/current
[Reviewed earlier]

American Journal of Public Health
October 2022  112(10)
http://ajph.aphapublications.org/toc/ajph/current
[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene
Volume 107 (2022): Issue 3_Suppl (Sep 2022)
https://www.ajtmh.org/view/journals/tpmd/107/3_Suppl/tpmd.107.issue-3_Suppl.xml
Malaria Transmission Blocking Vaccines
[Reviewed earlier]

Annals of Internal Medicine
September 2022  Volume 175, Issue 9
http://annals.org/aim/issue
[Reviewed earlier]

Artificial Intelligence – An International Journal
Volume 310  September 2022
[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation
http://resource-allocation.biomedcentral.com/
(Accessed 08 Oct 2022)
[No new digest content identified]

BMJ Global Health
September 2022 - Volume 7 - 9
https://gh.bmj.com/content/7/9
Editorial
The feudal structure of global health and its implications for decolonisation (27 September, 2022)
Vikash Ranjan Keshri, Soumyadeep Bhaumik

Working in the wake: transformative global health in an imperfect world (21 September, 2022)
Rochelle A Burgess
**Why addressing inequality must be central to pandemic preparedness**  (6 September, 2022)
Sherin Varkey, Eeshani Kandpal, Sven Neelsen

**Analysis**
COVID-19 vaccination campaigns and the production of mistrust among Roma and migrant populations in Italy  (8 September, 2022)
Elizabeth Storer, Iliana Sarafian, Costanza Torre, Sara Vallerani, Eloisa Franchi

**Commentary**
The neglect of culture in global health research and practice  (6 September, 2022)
Judi Aubel, Dixon Chibanda

**Summary box**
- The impact of global health strategies is constrained by the incongruity between critical facets of cultural context, global health practitioners’ inadequate understanding of the culturally-grounded worldview of communities and the strategies they develop to promote family and community well-being.
- For many years, in the field of global health, anthropologists have articulated the need for greater attention to be given to culture, however, this critical parameter continues to be neglected in research and practice.
- Predominant conceptual models of health and illness at the global level reflect Euro-centric values of individualist societies and overlook the structure and dynamics of family and community systems in non-western, collectivist cultures in the Majority World.
- Decolonization of global health requires reframing of research and interventions to ensure that they reflect the structure, roles and resources of indigenous cultures in the Global South.
- Global research and funding institutions should support more culturally-grounded research and programs to increase their relevance to local communities, their effectiveness and subsequent impact. For many years, the need for global health research and practice to give greater attention to culture has been articulated; however, this critical parameter continues to be greatly neglected.

**Original Research**
Safety of routine childhood vaccine coadministration versus separate vaccination  (26 September, 2022)
Jorgen Bauwens, Simon de Lusignan, Yonas Ghebremichael Weldesselassie, Julian Sherlock, Nino Künzli, Jan Bonhoeffer

**BMC Health Services Research**
http://www.biomedcentral.com/bmchealthservres/content
(Accessed 08 Oct 2022)
Ensuring vaccine potency and availability: how evidence shaped Gavi’s Immunization Supply Chain Strategy
In 2014, Gavi and partners developed a global Immunization Supply Chain (iSC) Strategy, 2015–2020, which prioritized functioning cold chain equipment (CCE) and additional storage capacity. In 2016, Gavi launch...
Authors: Wendy Prosser, Karan Sagar, Michelle Seidel and Soumya Alva
Citation: BMC Health Services Research 2022 22:1237
Content type: Research Published on: 7 October 2022
Real-world effectiveness of steroids in severe COVID-19: a retrospective cohort study
Randomised controlled trials have shown that steroids reduce the risk of dying in patients with severe Coronavirus disease 2019 (COVID-19), whilst many real-world studies have failed to replicate this result. ...
Citation: BMC Infectious Diseases 2022 22:776
Content type: Research Published on: 5 October 2022

Model-based evaluation of the impact of prophylactic vaccination applied to Ebola epidemics in Sierra Leone and Democratic Republic of Congo
Protection by preventiv Ebola vaccines has been demonstrated in clinical trials, but a complete picture of real-world effectiveness is lacking. Our previous study modeling the impact of preventively vaccinati...
Authors: Ravi Potluri, Amit Kumar, Valérie Oriol-mathieu, Thierry Van Effelterre, Laurent Metz and Hitesh Bhandari
Citation: BMC Infectious Diseases 2022 22:769
Content type: Research article Published on: 4 October 2022

Estimating vaccine effectiveness against SARS-CoV-2 infection, hospitalization and death from ecologic data in Costa Rica
Clinical trials and individual-level observational data in Israel demonstrated approximately 95% effectiveness of mRNA-based vaccines against symptomatic SARS-CoV-2 infection. Individual-level data are not ava...
Authors: Romain Fantin, Rolando Herrero, Allan Hildesheim, Cristina Barboza-Solís, Amada Aparicio, D. Rebecca Prevots, Ruth M. Pfeiffer and Mitchell H. Gail
Citation: BMC Infectious Diseases 2022 22:767
Content type: Research Published on: 2 October 2022
A recent trial of 5920 children in Burkina Faso and Mali showed that the combination of seasonal vaccination with the RTS,S/AS01E malaria vaccine (primary series and two seasonal boosters) and seasonal malaria ch...

Authors: Matthew Cairns, Amadou Barry, Issaka Zongo, Issaka Sagara, Serge R. Yerbanga, Modibo Diarra, Charles Zounggrana, Djibrilla Issiaka, Abdoul Aziz Sienou, Amadou Taply, Koualy Sanogo, Mahamadou Kaya, Seydou Traore, Kalifa Diarra, Hama Yalcouye, Youssoufa Sidibe...

Citation: BMC Medicine 2022 20:352
Content type: Research article Published on: 7 October 2022

BMC Pregnancy and Childbirth
http://www.biomedcentral.com/bmcpregnancyandchildbirth/content
(Accessed 08 Oct 2022)
[No new digest content identified]

BMC Public Health
http://bmcpublichealth.biomedcentral.com/articles
(Accessed 08 Oct 2022)
Sociodemographic predictors of and main reasons for COVID-19 vaccine hesitancy in eastern Oslo: a cross-sectional study
Vaccines are an essential public health strategy to curb viral infection spreading that hinge on vaccine uptake which may be threatened by vaccine hesitant individuals. This study aims to identify sociodemogra...
Authors: Lara Steinmetz
Citation: BMC Public Health 2022 22:1878
Content type: Research Published on: 7 October 2022

Community health worker intervention improves early childhood vaccination rates: results from a propensity-score matching evaluation
Arizona’s Health Start Program is a statewide community health worker (CHW) maternal and child health home visiting intervention. The objective of this study was to test if participation in Health Start during...
Authors: Patrick Wightman, Kelly McCue, Samantha Sabo, Rebecca Annorbah, Dulce Jiménez, Vern Pilling, Matthew Butler, Martín F. Celaya and Sara Rumann
Citation: BMC Public Health 2022 22:1854
Content type: Research Published on: 4 October 2022

Knowledge, attitudes, perceptions, and COVID-19 hesitancy in a large public university in Mexico city during the early vaccination rollout
Vaccination against COVID-19 is a primary tool for controlling the pandemic. However, the spread of vaccine hesitancy constitutes a significant threat to reverse progress in preventing the disease. Studies con...
Authors: Norma Mongua-Rodríguez, Mauricio Rodríguez-Álvarez, Daniela De-la-Rosa-Zamboni, María Eugenia Jiménez-Corona, Martha Lucía Castañeda-Cediel, Guadalupe Miranda-Novales, Gustavo Cruz-Pacheco, Elizabeth Ferreira-Guerrero, Leticia Ferreyra-Reyes, Guadalupe Delgado-Sánchez, Maribel Martínez-Hernández, Arturo Cruz-Salgado, Rogelio Pérez-Padilla, Samuel Ponce-de-León and Lourdes García-García
How a generally well-accepted measles vaccine mandate may lead to inequities and decreased vaccine uptake: a preregistered survey study in Germany

In Germany, a measles vaccine mandate came into effect in March 2020, requiring proof of measles immunization for children attending kindergarten or school and for staff in a variety of facilities. Mandates can...

Authors: Julia Neufeind, Nora Schmid-Küpke, Eva Rehfuess, Cornelia Betsch and Ole Wichmann

BMC Research Notes
http://www.biomedcentral.com/bmcresnotes/content
(Accessed 08 Oct 2022)
[No new digest content identified]

BMJ Evidence-Based Medicine
October 2022 - Volume 27 - 5
https://ebm.bmj.com/content/27/5
[Reviewed earlier]

BMJ Open
September 2022 - Volume 12 - 9
https://bmjopen.bmj.com/content/12/9
[Reviewed earlier]

Bulletin of the World Health Organization
Volume 100(10); 2022 Oct 1
https://www.ncbi.nlm.nih.gov/pmc/issues/417951/
Editorials

Strategies for malaria vaccination during the COVID-19 pandemic in African countries
Kapil Narain, Sudhan Rackimuthu, Faisal A Nawaz, Osaretin Christabel Okonji, Henry Ashworth, Stefan S Du Plessis, Jaffer Shah
Bull World Health Organ. 2022 Oct 1; 100(10): 582–582A. Published online 2022 Oct 1.
doi: 10.2471/BLT.21.287472
PMCID: PMC9511673

Policy & Practice

Missing data on accessibility of children’s medicines
Iris R Joosse, Aukje K Mantel-Teeuwisse, Veronika J Wirtz, Fatima Suleman, Hendrika A van den Ham
Bull World Health Organ. 2022 Oct 1; 100(10): 636–642. Published online 2022 Sep 2.
doi: 10.2471/BLT.22.288137
PMCID: PMC9511669
Inequalities in COVID-19 mortality: defining a global research agenda
Joseph Friedman, Mirza Balaj, Nazrul Islam, Youyang Gu, Petra Nahmia, Carolina Santamaría-Ulloa, Andres Gutierrez Rojas, Kumanan Rasanathan, Ahmad Reza Hosseinpoor, Jacques BO Emina, Terje Andreas Eikemo, Carlos Castillo-Salgado
Bull World Health Organ. 2022 Oct 1; 100(10): 648–650. Published online 2022 Sep 2.
doi: 10.2471/BLT.22.288211
PMCID: PMC9511668

... Although evidence suggests that the pandemic has exacerbated social inequalities in mortality, a global synthesis of the trajectory of COVID-19 is needed. Furthermore, quantitative data synthesis is required to understand the global magnitude of inequalities in COVID-19 mortality, as measured with respect to a diverse set of social stratifiers (that is, measures of socioeconomic position, such as educational attainment or wealth). We also need more clarity to ascertain the global picture of the theoretical and methodological approaches underpinning COVID-19 mortality inequality research.4


Here, we detail the global research agenda defined by this working group to assess the state of existing scientific knowledge regarding social inequalities in COVID-19 mortality, synthesize research about the scope and magnitude of inequalities, and identify key gaps for ongoing data collection and study...

COVID-19 vaccine development, production and regulatory oversight in African countries
Geoffrey Makenga, Robert Booy, Paul Ndaya Oloo, Joachim Auerbach
Bull World Health Organ. 2022 Oct 1; 100(10): 651–652. Published online 2022 Sep 2.
doi: 10.2471/BLT.22.287958
PMCID: PMC9511670

Cell
Sep 29, 2022 Volume 185 Issue 20 p3639-3838
https://www.cell.com/cell/current
[Reviewed earlier]

Child Care, Health and Development
Volume 48, Issue 5 Pages: 659-879 September 2022
https://onlinelibrary.wiley.com/toc/13652214/current
[Reviewed earlier]

Clinical Pharmacology & Therapeutics
Volume 112, Issue 3 Pages: 413-729 September 2022
https://ascpt.onlinelibrary.wiley.com/toc/15326535/current
[Reviewed earlier]
Clinical Therapeutics
July 2022 Volume 44 Issue 7 p927-1034
http://www.clinicaltherapeutics.com/current
[Reviewed earlier]

Clinical Trials
Volume 19 Issue 5, October 2022
https://journals.sagepub.com/toc/ctja/19/5
[Reviewed earlier]

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http://www.conflictandhealth.com/
[Accessed 08 Oct 2022]
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Contemporary Clinical Trials
Volume 120 September 2022
https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/120/suppl/C
[Reviewed earlier]

The CRISPR Journal
Volume 5, Issue 4 / August 2022
https://www.liebertpub.com/toc/crispr/5/4
[Reviewed earlier]

Current Genetic Medicine Reports
Volume 9, issue 4, December 2021
https://link.springer.com/journal/40142/volumes-and-issues/9-4
[Reviewed earlier]

Current Opinion in Infectious Diseases
October 2022 - Volume 35 - Issue 5
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]
The regulation of human blastoid research: A bioethical discussion of the limits of regulation
Tsutomu Sawai et al.
The creation of human blastoids holds great potential for research on early human development but also raises considerations about the ethics of such research and its regulation.

Europe's worst ever bird flu outbreak: Thus year's epidemic of highly pathogenic avian flu has had a devastating impact on wild and domestic birds and severe economic consequences
Philip Hunter
This year's outbreak of avian flu has been the worst ever and prompted much debate and research on developing vaccines for domestic and wild birds.
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 5  Pages: 1-21  September–October 2022
https://onlinelibrary.wiley.com/toc/25782363/current
*Protecting healthy volunteers • IRBs and research biopsies*
[Reviewed earlier]

**Ethics & International Affairs**
Spring 2022 (36.1) | March 10, 2022
[Reviewed earlier]

**Ethics, Medicine and Public Health**
Volume 23  August 2022
[Reviewed earlier]

**The European Journal of Public Health**
Volume 32, Issue 5, October 2022
https://academic.oup.com/eurpub/issue/32/5
*Health Services Research*
**Availability and implementation of guidelines in European child primary health care: how can we improve?**
Paul L Kocken, Nicole M C van Kesteren, Renate van Zoonen, Sijmen A Reijneveld
European Journal of Public Health, Volume 32, Issue 5, October 2022, Pages 670–676,
https://doi.org/10.1093/eurpub/ckac114

**Expert Review of Vaccines**
Vol 21 (9) 2022
Globalization and Health
http://www.globalizationandhealth.com/
[Accessed 08 Oct 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 8, October 2022
https://academic.oup.com/heapol/issue/37/8
[Reviewed earlier]

Health Research Policy and Systems
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[Accessed 08 Oct 2022]
[No new digest content identified]

Human Gene Therapy
Volume 33, Issue 17-18 / September 2022
https://www.liebertpub.com/toc/hum/33/17-18
[Reviewed earlier]

Humanitarian Practice Network
https://odihpn.org/
Featured Publications
[No new digest content identified]
Decreased influenza vaccination coverage among Chinese healthcare workers during the COVID-19 pandemic

Healthcare workers (HCWs) were the priority group for influenza vaccination, in China during the 2020/2021 and 2021/2022 influenza seasons. However, vaccination rates in HCWs have always been low. This study i...

Authors: Libing Ma, Xuan Han, Yuan Ma, Yuan Yang, Yunshao Xu, Di Liu, Weizhong Yang and Luzhao Feng

Citation: Infectious Diseases of Poverty 2022 11:105
Content type: Research Article Published on: 8 October 2022

Assessing the mechanism of citywide test-trace-isolate Zero-COVID policy and exit strategy of COVID-19 pandemic

Countries that aimed for eliminating the cases of COVID-19 with test-trace-isolate policy are found to have lower infections, deaths, and better economic performance, compared with those that opted for other m...

Authors: Pei Yuan, Yi Tan, Liu Yang, Elena Aruffo, Nicholas H. Ogden, Guojing Yang, Haixia Lu, Zhigui Lin, Weichuan Lin, Wenjun Ma, Meng Fan, Kaifa Wang, Jianhe Shen, Tianmu Chen and Huaiping Zhu

Citation: Infectious Diseases of Poverty 2022 11:104
Content type: Research Article Published on: 4 October 2022

International Health

Volume 14, Issue 5, September 2022

https://academic.oup.com/inthealth/issue/14/5

[Reviewed earlier]
Research Letter

Compassionate Use of Tecovirimat for the Treatment of Monkeypox Infection
Angel N. Desai, MD, MPH; George R. Thompson III, MD; Sonja M. Neumeister, MPH; et al.
free access has active quiz has audio

This case series describes the clinical resolution of systemic symptoms and lesions, along with any adverse events, in patients with monkeypox infection who were treated with tecovirimat on a compassionate use basis.

Viewpoint

The COVID-19 Dashboard for Real-time Tracking of the Pandemic
The Lasker-Bloomberg Public Service Award
Lauren Gardner, PhD
free access

In this Viewpoint, Lauren Gardner, winner of the 2022 Lasker-Bloomberg Public Service Award for creating the COVID-19 Dashboard, discusses the development of the Dashboard and the factors that contributed to its success.
Original Investigation

Clinical Features and Burden of Postacute Sequelae of SARS-CoV-2 Infection in Children and Adolescents
Suchitra Rao, MBBS, MSCS; Grace M. Lee, MD, MPH; Hanieh Razzaghi, MPH; et al.

This cohort study evaluates diagnosed symptoms, diagnosed health conditions, and medications associated with postacute sequelae of SARS-CoV-2 infection in children.

JBI Evidence Synthesis
September 2022 - Volume 20 - Issue 9

Journal of Adolescent Health
September 2022 Volume 71 Issue 3 p251-380

Journal of Artificial Intelligence Research
Vol. 74 (2022)

Journal of Community Health
Volume 47, issue 5, October 2022

Journal of Development Economics
Volume 158 September 2022

Journal of Empirical Research on Human Research Ethics
Volume 17 Issue 4, October 2022
Journal of Epidemiology & Community Health
September 2022 - Volume 76 - 9
https://jech.bmj.com/content/76/9
[Reviewed earlier]

Journal of Evidence-Based Medicine
Volume 15, Issue 3 Pages: 181-314 September 2022
https://onlinelibrary.wiley.com/toc/17565391/current
[Reviewed earlier]

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 3, August 2022
https://muse.jhu.edu/journal/48370
Table of Contents
[Reviewed earlier]

Journal of Immigrant and Minority Health
Volume 24, issue 5, October 2022
Contents
[Reviewed earlier]

Journal of Immigrant & Refugee Studies
Volume 20, 2022 Issue 3
https://www.tandfonline.com/toc/wimm20/current
[Reviewed earlier]

Journal of Infectious Diseases
Volume 225, Issue 12, 15 June 2022
https://academic.oup.com/jid/issue/225/12
[Reviewed earlier]
Journal of International Development
Volume 34, Issue 6  Pages: 1069-1255  August 2022
https://onlinelibrary.wiley.com/toc/10991328/current
[Reviewed earlier]

Journal of Medical Ethics
October 2022 - Volume 48 - 10
http://jme.bmj.com/content/current
Current controversy
A vaccine tax: ensuring a more equitable global vaccine distribution (15 November, 2021) Free
Andreas Albertsen

Three for me and none for you? An ethical argument for delaying COVID-19 boosters (7 October, 2021) Free
Nancy S Jecker, Zohar Lederman

COVID-19 vaccines: a look at the ethics of the clinical research involving children (10 February, 2022) Free
Laura Cabiedes-Miragaya, Inés Galende-Domínguez

Journal of Patient-Centered Research and Reviews
Volume 9, Issue 3 (2022)
https://institutionalrepository.aah.org/jpcrr/
[Reviewed earlier]

Journal of Pediatrics
September 2022  Volume 248  p1-136
http://www.jpeds.com/current
[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice
https://joppp.biomedcentral.com/
[Accessed 08 Oct 2022]
Parental COVID-19 vaccination hesitancy among parents of children aged 5–18 years in Thailand: a cross-sectional survey study
Authors: Pantira Parinyaruex, Kanokkarn Sunkonkit and Kitiyot Yotsombut
Content type: Research 6 October 2022

Journal of Public Health Management & Practice
September/October 2022 - Volume 28 - Issue 5
https://journals.lww.com/jphmp/pages/currenttoc.aspx
The Lancet
Oct 08, 2022 Volume 400 Number 10359 p1171-1280
https://www.thelancet.com/journals/lancet/issue/current

Editorial
COVID-19: the case for prosociality
The Lancet
The Lancet Commission on lessons for the future from the COVID-19 pandemic, published on Sept 15, lays bare what has been nothing less than a massive global failure—a failure of rationality, transparency, norms of public health practice, operational coordination, and international solidarity. The Commission shows that national governments were too slow and too cautious in their response to the outbreak of SARS-CoV-2. They paid too little attention to the most vulnerable groups in society. Their responses were hampered by low public trust and an epidemic of misinformation and disinformation. The result was millions of preventable deaths and a reversal in progress towards sustainable development for many countries. A multilateral system developed after the World War 2 did not hold up to a modern pandemic. Global collaboration and solidarity were good in business and
science but poor in politics and international relations. The Commission proposes five pillars that are essential in fighting emerging infectious diseases: prevention, containment, health services, equity, and global innovation and diffusion. To achieve these pillars the Commission argues that governments, regulators, and institutions must be reoriented toward society as a whole, rather than the interests of individuals—a concept the Commissioners call prosocialty. Without this shift, the world is vulnerable and unable to tackle effectively any global threat.

The Commission gives recommendations in three main areas. First, practical steps to finally control and understand the COVID-19 pandemic, such as a vaccination strategy that is sustainable and not just reactive, with the goal of protecting populations. Second, realistic, feasible, and necessary investments to improve the first line of defense in countries by strengthening health systems and widening universal health coverage. Third, ambitious proposals to ignite a renaissance in multilateralism, integrating the global response to the risk of future pandemics with actions to address the climate crisis and reversals in sustainable development. In this way, the Commission boldly sets out a vision of a different future, defined by a properly financed and better-prepared global architecture that is driven by cooperation and shared responsibility rather than globalised profit-seeking...

Articles

**Real-world effectiveness of molnupiravir and nirmatrelvir plus ritonavir against mortality, hospitalisation, and in-hospital outcomes among community-dwelling, ambulatory patients with confirmed SARS-CoV-2 infection during the omicron wave in Hong Kong: an observational study**
Carlos K H Wong, et al.

**The Lancet Commissions**

**The Lancet Commission on lessons for the future from the COVID-19 pandemic**
Jeffrey D Sachs, et al.

[Editor’s Note: The editorial and Lancet Commission report above were covered in an earlier edition when released as “online first” content]

**The Lancet Child & Adolescent Health**

Oct 2022 Volume 6 Number 10 p667-746
https://www.thelancet.com/journals/lanchi/issue/current

**Viewpoint**

**Towards standardised and valid anthropometric indicators of nutritional status in middle childhood and adolescence**
Natasha Lelijveld, et al.

**Summary**

Recognition of the importance of nutrition during middle childhood (age 5–9 years) and adolescence (age 10–19 years) is increasing, particularly in the context of global food insecurity and rising overweight and obesity rates. Until now, policy makers have been slow to respond to rapidly changing patterns of malnutrition across these age groups. One barrier has been a scarcity of consistent and regular nutrition surveillance systems for these age groups. What should be measured, and how best to operationalise anthropometric indicators that have been the cornerstone of nutrition surveillance in younger children and in adults, has been the topic of ongoing debate. Even with consensus on the importance of a given anthropometric indicator, difficulties arise in interpreting trends over time and between countries owing to the use of different terminologies, reference data, and cutoff points. In this
Viewpoint we highlight the need to revisit anthropometric indicators across middle childhood and adolescence, a process that will require WHO and UNICEF coordination, the engagement of national implementors and policy makers, and partnership with research communities and donors.

**Lancet Digital Health**

Oct 2022 Volume 4 Number 10 e698-e764
[https://www.thelancet.com/journals/landig/isupecurrent](https://www.thelancet.com/journals/landig/isupecurrent)

**Editorial**

**The importance of linkage: lessons from one pandemic to another**

The Lancet Digital Health

In this issue, The Lancet Digital Health publishes a Series entitled “Translating data in a pandemic”, composed of two Series papers and a Comment. This Series highlights the need to increase standards of robustness for research conducted rapidly in a pandemic and to improve data sharing systems for future outbreaks. But what challenges have persisted since the initial COVID-19 outbreak, and how likely are they to affect future epidemics, such as monkeypox?...

**Series**

**Translating Data in a Pandemic**

An evaluation of prospective COVID-19 modelling studies in the USA: from data to science translation
Kristen Nixon, et al.

**Translating Data in a Pandemic**

Data capture and sharing in the COVID-19 pandemic: a cause for concern
Louis Dron, et al.

**Review**

**CODE-EHR best-practice framework for the use of structured electronic health-care records in clinical research**
Dipak Kotecha, et al. on behalf of the Innovative Medicines Initiative BigData@Heart Consortium, European Society of Cardiology, and CODE-EHR International Consensus Group

**Summary**

Big data is important to new developments in global clinical science that aim to improve the lives of patients. Technological advances have led to the regular use of structured electronic health-care records with the potential to address key deficits in clinical evidence that could improve patient care. The COVID-19 pandemic has shown this potential in big data and related analytics but has also revealed important limitations. Data verification, data validation, data privacy, and a mandate from the public to conduct research are important challenges to effective use of routine health-care data. The European Society of Cardiology and the BigData@Heart consortium have brought together a range of international stakeholders, including representation from patients, clinicians, scientists, regulators, journal editors, and industry members. In this Review, we propose the CODE-EHR minimum standards framework to be used by researchers and clinicians to improve the design of studies and enhance transparency of study methods. The CODE-EHR framework aims to develop robust and effective utilisation of health-care data for research purposes.

**Lancet Global Health**
Comment
Investing in global measles and rubella elimination is needed to avert deaths and advance health equity
Pratima L Raghunathan, Walter Orenstein

Articles
Feasibility of measles and rubella vaccination programmes for disease elimination: a modelling study
Amy K Winter, et al.

Immunogenicity and safety of one-dose human papillomavirus vaccine compared with two or three doses in Tanzanian girls (DoRIS): an open-label, randomised, non-inferiority trial
Deborah Watson-Jones, et al.

Comparing one dose of HPV vaccine in girls aged 9–14 years in Tanzania (DoRIS) with one dose of HPV vaccine in historical cohorts: an immunobridging analysis of a randomised controlled trial
Kathy Baisley, et al.

Effect of the of 10-valent pneumococcal conjugate vaccine in Nepal 4 years after introduction: an observational cohort study
Shrijana Shrestha, et al for the PneumoNepal study group

Lancet Infectious Diseases
Comment
The growing threat of wild poliovirus 1 and vaccine-derived cases in the COVID-19 era
Carlos Franco-Paredes, et al

Articles
Vaccine effectiveness of one, two, and three doses of BNT162b2 and CoronaVac against COVID-19 in Hong Kong: a population-based observational study
Martina E McMenamin, et al.

Efficacy and safety of a single dose of casirivimab and imdevimab for the prevention of COVID-19 over an 8-month period: a randomised, double-blind, placebo-controlled trial
Gary A Herman, et al. for the COVID-19 Phase 3 Prevention Trial Team

Association between women's authorship and women's editorship in infectious diseases journals: a cross-sectional study
Katharina Last, Lilith Hübsch, et al.
Safety and immunogenicity of VPM1002 versus BCG in South African newborn babies: a randomised, phase 2 non-inferiority double-blind controlled trial
Mark F Cotton, et al.

Effectiveness of a pay-it-forward intervention compared with user-paid vaccination to improve influenza vaccine uptake and community engagement among children and older adults in China: a quasi-experimental pragmatic trial
Dan Wu, et al.

Evaluating improved inactivated oral cholera vaccines for use in ending endemic cholera by 2030: opportunities and challenges
Jacqueline Deen, Jan Holmgren, John D Clemens

Lancet Public Health
Oct 2022 Volume 7 Number 10 e801-e884
https://www.thelancet.com/journals/lanpub/issue/current
Viewpoint
Prevention and treatment of infectious diseases in migrants in Europe in the era of universal health coverage
Rebecca F Baggaley, et al.
Summary
Some subpopulations of migrants to Europe are generally healthier than the population of the country of settlement, but are at increased risk of key infectious diseases, including tuberculosis, HIV, and viral hepatitis, as well as under-immunisation. Infection screening programmes across Europe work in disease silos with a focus on individual diseases at the time of arrival. We argue that European healthcare practitioners and policy makers would benefit from developing a framework of universal health care for migrants, which proactively offers early testing and vaccinations by delivering multi-disease testing and catch-up vaccination programmes integrated within existing health systems. Such interventions should be co-developed with migrant populations to overcome barriers faced in accessing services. Aligning policies with the European Centre for Disease Prevention and Control guidance for health care for migrants, community-based preventive health-care programmes should be delivered as part of universal health care. However, effective implementation needs appropriate funding, and to be underpinned by high-quality evidence.

Lancet Respiratory Medicine
Oct 2022 Volume 10 Number 10 p925-1008, e87-e93
https://www.thelancet.com/journals/lanres/issue/current
Articles
Tixagevimab–cilgavimab for treatment of patients hospitalised with COVID-19: a randomised, double-blind, phase 3 trial
ACTIV-3–Therapeutics for Inpatients with COVID-19 (TICO) Study Group

Efficacy and safety of intramuscular administration of tixagevimab–cilgavimab for early outpatient treatment of COVID-19 (TACKLE): a phase 3, randomised, double-blind, placebo-controlled trial
Hugh Montgomery, et al on behalf of the TACKLE study group
Maternal and Child Health Journal
Volume 26, issue 10, October 2022
https://link.springer.com/journal/10995/volumes-and-issues/26-10
[New issue; No digest content identified]

Medical Decision Making (MDM)
Volume 42 Issue 7, October 2022
http://mdm.sagepub.com/content/current
[Reviewed earlier]

The Milbank Quarterly
A Multidisciplinary Journal of Population Health and Health Policy
Volume 100, Issue 2 Pages: 315-616 June 2022
https://onlinelibrary.wiley.com/toc/14680009/current
[Reviewed earlier]

Nature
Volume 610 Issue 7930, 6 October 2022
https://www.nature.com/nature/volumes/610/issues/7930

Editorial
Laggard rich countries risk slowing the fight against AIDS, malaria and TB
The United Kingdom and Italy need to renew their commitments to banish these major infectious killers from the world.
Article Open Access 11 Aug 2022

Context-specific emergence and growth of the SARS-CoV-2 Delta variant
Analysis of SARS-CoV-2 genomes from around the world show that following initial importation largely from India, Delta spread in England was driven first by inter-regional travel and then by local population mixing.
John T. McCrone, Verity Hill, Moritz U. G. Kraemer

Nature Biotechnology
Volume 40 Issue 10, October 2022
https://www.nature.com/nbt/volumes/40/issues/10

Patents 07 Oct 2022
What the COVID-19 pandemic revealed about intellectual property
The COVID-19 pandemic dispelled some myths underlying intellectual property policy and revealed how stakeholders can develop policies to accelerate development and ensure access using existing tools and experimenting with open science.
E. Richard Gold
**Nature Genetics**  
Volume 54 Issue 10, October 2022  
https://www.nature.com/ng/volumes/54/issues/10  
Perspective  22 Sept 2022  

**Ten challenges for clinical translation in psychiatric genetics**  
*This Perspective outlines ten challenges facing translation of psychiatric genetic findings into clinical practice.*  
Eske M. Derks, Jackson G. Thorp, Zachary F. Gerring  

**Abstract**  
Genome-wide association studies have identified hundreds of robust genetic associations underlying psychiatric disorders and provided important biological insights into disease onset and progression. There is optimism that genetic findings will pave the way to precision psychiatry by facilitating the development of more effective treatments and the identification of groups of patients that these treatments should be targeted toward. However, there are several challenges that must be addressed before genetic findings can be translated into the clinic. In this Perspective, we highlight ten challenges for the field of psychiatric genetics, focused on the robust and generalizable detection of genetic risk factors, improved definition and assessment of psychopathology and achieving better clinical indicators. We discuss recent advancements in the field that will improve the explanatory and predictive power of genetic data and ultimately contribute to improving the management and treatment of patients with a psychiatric disorder.

**Nature Reviews Drug Discovery**  
Volume 21 Issue 10, October 2022  
https://www.nature.com/nrd/volumes/21/issues/10  
Comment  25 Aug 2022  

**Advances in the identification and validation of autism biomarkers**  
A decade on from the launch of the pioneering autism biomarker discovery initiative EU-AIMS, here we highlight advances in biomarker discovery and validation from the follow-on AIMS-2-TRIALS
programme, which aims to improve the wellbeing and outcomes of autistic people through precision healthcare approaches.
Bethany F. M. Oakley, Eva Loth, Declan G. Murphy

Nature Reviews Genetics
Volume 23 Issue 10, October 2022
https://www.nature.com/nrg/volumes/23/issues/10
[New issue; No digest content identified]

Nature Reviews Immunology
Volume 22 Issue 10, October 2022
https://www.nature.com/nri/volumes/22/issues/10
Comment 13 Jul 2022
Respiratory syncytial virus after the SARS-CoV-2 pandemic — what next?
The non-pharmaceutical interventions that were introduced to limit the spread of SARS-CoV-2 have also affected the transmission of respiratory syncytial virus, particularly its seasonality, with implications for the deployment of new monoclonal antibodies and vaccines.
Lucy G. Mosscrop, Thomas C. Williams, John S. Tregoning

Comment 09 Aug 2022
SARS-CoV-2 hybrid immunity: silver bullet or silver lining?
Hybrid immunity occurs in those who have been both infected with and vaccinated against SARS-CoV-2. But how well does such hybrid immunity protect against the virus and its emerging variants?
Rahul Suryawanshi, Melanie Ott

Review Article 05 Sept 2022
Monkeypox: disease epidemiology, host immunity and clinical interventions
In this Review, Ng and colleagues examine the clinical, epidemiological and immunological aspects of monkeypox virus (MPXV) infections, with a focus on mechanisms of host immunity to MPXV. The authors also consider the unique epidemiological and pathological characteristics of the current non-endemic outbreak of the virus and discuss vaccines, therapeutics and outstanding research questions.
Fok-Moon Lum, Anthony Torres-Ruesta, Lisa F. P. Ng

New England Journal of Medicine
October 6, 2022 Vol. 387 No. 14
https://www.nejm.org/toc/nejm/medical-journal
Original Articles
A Bivalent Omicron-Containing Booster Vaccine against Covid-19
S. Chalkias and Others
Methods
In this ongoing, phase 2–3 study, we compared the 50-μg bivalent vaccine mRNA-1273.214 (25 μg each of ancestral Wuhan-Hu-1 and omicron B.1.1.529 [BA.1] spike messenger RNAs) with the previously authorized 50-μg mRNA-1273 booster. We administered mRNA-1273.214 or mRNA-1273 as a second booster in adults who had previously received a two-dose (100-μg) primary series and first
booster (50-μg) dose of mRNA-1273 (≥3 months earlier). The primary objectives were to assess the safety, reactogenicity, and immunogenicity of mRNA-1273.214 at 28 days after the booster dose.

**Conclusions**

The bivalent omicron-containing vaccine mRNA-1273.214 elicited neutralizing antibody responses against omicron that were superior to those with mRNA-1273, without evident safety concerns. (Funded by Moderna; ClinicalTrials.gov number, NCT04927065. opens in new tab.)
PLoS Genetics
https://journals.plos.org/plosgenetics/
(Accessed 08 Oct 2022)
[No new digest content identified]

PLoS Medicine
http://www.plosmedicine.org/
(Accessed 08 Oct 2022)
[No new digest content identified]

PLoS Neglected Tropical Diseases
http://www.plosntds.org/
SARS-CoV-2 reinfections with BA.1 (Omicron) variant among fully vaccinated individuals in northeastern Brazil
Francisco P. Freire-Neto, Diego G. Teixeira, Dayse C. S. da Cunha, Ingrid C. Morais, Celisa P. M. Tavares, Genilson P. Gurgel, Sanderson D. N. Medeiros, David C. dos Santos, Alexandre de O. Sales, Selma M. B. Jeronimo
Research Article | published 03 Oct 2022 PLOS Neglected Tropical Diseases
https://doi.org/10.1371/journal.pntd.0010337

PLoS One
http://www.plosone.org/
(Accessed 08 Oct 2022)
SARS-CoV-2 reinfections with BA.1 (Omicron) variant among fully vaccinated individuals in northeastern Brazil
Francisco P. Freire-Neto, Diego G. Teixeira, Dayse C. S. da Cunha, Ingrid C. Morais, Celisa P. M. Tavares, Genilson P. Gurgel, Sanderson D. N. Medeiros, David C. dos Santos, Alexandre de O. Sales, Selma M. B. Jeronimo
Research Article | published 03 Oct 2022 PLOS Neglected Tropical Diseases
https://doi.org/10.1371/journal.pone.0270835

A social ecological approach to identify the barriers and facilitators to COVID-19 vaccination acceptance: A scoping review
Penny Lun, Jonathan Gao, Bernard Tang, Chou Chuen Yu, Khalid Abdul Jabbar, James Alvin Low, Pradeep Paul George
Research Article | published 03 Oct 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0272642

Time and labour costs of preventive health care, including vaccinations, in Finnish child health clinics
Heta Nieminen, Tuovi Hakulinen, Taneli Poulaine, Päivi Sirén, Arto A. Palmu
Research Article | published 03 Oct 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0270835
Pestilence and famine: Continuing down the vicious cycle with COVID-19
Sudipta Hyder, Rethy K. Chhem, Filip Claes, Erik Albert Karlsson
Opinion | published 06 Oct 2022 PLOS Pathogens
https://doi.org/10.1371/journal.ppat.1010810
Abstract
Despite the fact that we produce enough food to feed everyone on Earth, world hunger is on the rise. On the other side of the table, the obesity crisis also weighs heavily. Malnutrition is less about food than about socioeconomic factors such as conflict, poverty, and global disasters such as climate change and the novel Coronavirus Disease 2019 (COVID-19) pandemic. Nutrition and infectious disease exist in an intricate dance. Adequate and balanced nutrition is critical for appropriate response to infection and any changes in the balance can serve as a tipping point for the next pandemic. On the other hand, pandemics, such as COVID-19, lead to greater malnutrition. Both over- and undernutrition increase severity of disease, alter vaccine effectiveness, and potentially create conditions for viral mutation and adaptation—further driving the disease and famine vicious cycle. These long-term health and socioeconomic repercussions have direct effects at individual and global levels and lead to long-term consequences. Therefore, investing in and strengthening public health, pandemic prevention, and nutrition programs become vital at a much more complex systems level.

Simulating respiratory disease transmission within and between classrooms to assess pandemic management strategies at schools
Akira Endo (遠藤彰), [...] Sebastian Funk
Significance
Interventions to control coronavirus disease 2019 (COVID-19) in school settings often assume that simply limiting the number of students attending reduces the potential for disease spread. However, using a mathematical model parameterized with a detailed dataset of seasonal influenza in Japanese primary schools, we find that interventions that focus only on reducing the number of students in class at any moment in time (e.g., reduced class sizes and staggered attendance) may not be effective. We propose two approaches for pandemic management in school settings: a routine “preemptive” approach that attempts to keep the within-school reproduction number low by, for example, regular screening and cohorting and a “responsive” approach where fixed-period class closures are employed upon detection of a symptomatic case.
**Preventive Medicine**
Volume 162  September 2022
[Reviewed earlier]

**Proceedings of the Royal Society B**
12 October 2022  Volume 289  Issue 1984
https://royalsocietypublishing.org/toc/rspb/current
[New issue; No digest content identified]

**Public Health**
Volume 211  Pages 1-170 (October 2022)
*Review article*  Abstract only
**Factors limiting traditional medicine integration into modern health systems in Africa: protocol for a systematic review of qualitative studies**
K. Ouoba, S. Fofana, R. Semdé
Pages 62-65

*Research article*  Open access
**Pros and cons factors influence population attitudes toward non-pharmaceutical interventions and vaccination during post–COVID-19**
Qifa Song, Yuwei Mi, Liemin Ruan
Pages 88-96

*Research article*  Full text access
**Effect of ontological insecurity on vaccination behavior against COVID-19: a hospital-based cross-sectional study**
M.-X. Zhang, X.-Y. Lv, G.-F. Shi, C. Luo, ... T.-H. Tung
Pages 157-163

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

**Public Health Reports**
Volume 137 Issue 4, July/August 2022
https://journals.sagepub.com/toc/phrg/137/4
[Reviewed earlier]

**Qualitative Health Research**
Volume 32 Issue 12, October 2022
This summer, seabirds in Europe, North America, and Africa suffered unprecedented high mortality as highly pathogenic avian influenza (HPAI) swept through their breeding colonies. Given that the potential for HPAI—which originated in farmed poultry—to affect wild birds has been known for more than a decade, how were these continents caught off guard? Nations must assume responsibility for
protecting wildlife from anthropogenic diseases, particularly those originating from ever-increasing livestock populations.

**In-Depth**

**Uganda’s Ebola outbreak will put novel vaccines to the test**
BY Jon Cohen
06 Oct 2022: 14-15
As a less-studied ebolavirus kills dozens, researchers again scramble to launch trials during a crisis

**Feature**

**An advocate for Africa**
BY Meredith Wadman
06 Oct 2022: 17-21
With rigorous science and good-humored braggadocio, Tulio de Oliveira champions coronavirus research from the Global South

**Research Articles**

**The evolving SARS-CoV-2 epidemic in Africa: Insights from rapidly expanding genomic surveillance**
BY Houriiyah Tegally, et al.
07 Oct 2022
Open Access
Expanding SARS-CoV-2 sequencing capacity allowed monitoring of a fast-evolving pandemic across Africa.

**Science and Engineering Ethics**
Volume 28, issue 5, October 2022
[Reviewed earlier]

**Science Translational Medicine**
Volume 14| Issue 665| 5 Oct 2022
https://www.science.org/toc/stm/current
[New issue; No digest content identified]

**Social Science & Medicine**
Volume 308  September 2022
Research article  Open access
**Political ideology predicts preventative behaviors and infections amid COVID-19 in democracies**
Hans H. Tung, Teng-Jen Chang, Ming-Jen Lin
Article 115199
select article Prosociality predicts individual behavior and collective outcomes in the COVID-19 pandemic
Research article  Open access
**Prosociality predicts individual behavior and collective outcomes in the COVID-19 pandemic**
Ximeng Fang, Timo Freyer, Chui-Yee Ho, Zihua Chen, Lorenz Goette
Article 115192

Research article  Open access
**Evaluating the relationship between moral values and vaccine hesitancy in Great Britain during the COVID-19 pandemic: A cross-sectional survey**
Kelly Ann Schmidtke, Laura Kudrna, Angela Noufaily, Nigel Stallard, ... Aileen Clarke
Article 115218

**Systematic Reviews**
https://systematicreviewsjournal.biomedcentral.com/articles
[Accessed 08 Oct 2022]
[No new digest content identified]

**Theoretical Medicine and Bioethics**
Volume 43, issue 2-3, June 2022
[Reviewed earlier]

**Travel Medicine and Infectious Diseases**
Volume 49  September–October 2022
[Reviewed earlier]

**Tropical Medicine & International Health**
Volume 27, Issue 9  Pages: i-iv, 753-840  September 2022
https://onlinelibrary.wiley.com/toc/13653156/current
[Reviewed earlier]

**Vaccine**
Volume 40, Issue 40 Pages 5749-5842 (22 September 2022)
https://www.sciencedirect.com/journal/vaccine/vol/40/issue/40
Discussion  Full text access
**Making more COVID-19 vaccines available to address global needs: Considerations and a framework for their evaluation**
Philip R Krause, Narendra Arora, William Dowling, César Muñoz-Fontela, ... Soumya Swaminathan
Pages 5749-5751

Short communication  Full text access
Development and validation of a COVID-19 vaccine hesitancy scale for adults in the United States
Matthew L. Hrin, Veronica K. Emmerich, Edward H. Ip, Steven R. Feldman
Pages 5764-5768

Research article  Open access
Serious adverse events of special interest following mRNA COVID-19 vaccination in randomized trials in adults
Joseph Fraiman, Juan Erviti, Mark Jones, Sander Greenland, ... Peter Doshi
Pages 5798-5805

Research article  Abstract only
"Every interaction you have ...should be an opportunity to discuss and offer influenza vaccination". Health service perspectives on influenza vaccination promotion and delivery to Aboriginal families living in New South Wales, Australia
Katarzyna T. Bolsewicz, Maryke S. Steffens, Larissa Karpish, Bianca Bullivant, ... Katrina Clark
Pages 5814-5820

Research article  Full text access
COVID-19 vaccine hesitancy among health care worker-parents (HCWP) in Puducherry, India and its implications on their children: A cross sectional descriptive study
Pratik Sarkar, Venkatesh Chandrasekaran, Dhandapany Gunasekaran, Palanivel Chinnakali
Pages 5821-5827

Value in Health
September 2022  Volume 25  Issue 9  p1463-1662
https://www.valueinhealthjournal.com/current
[Reviewed earlier]

Pre-Print Servers

Gates Open Research
https://gatesopenresearch.org/browse/articles
Selected Research
No new digest content identified.

medRxiv
https://www.medrxiv.org/content/about-medrxiv
medRxiv is a free online archive and distribution server for complete but unpublished manuscripts (preprints) in the medical, clinical, and related health sciences. Preprints are preliminary reports of work that have not been certified by peer review. They should not be relied on to guide clinical practice or health-related behavior and should not be reported in news media as established information.
medRxiv is for the distribution of preprints - complete but unpublished manuscripts - that describe human health research conducted, analyzed, and interpreted according to scientific principles...

[Filter: All articles]

Selected Research

**Projecting the seasonality of endemic COVID-19**
Jeffrey P. Townsend, April D. Lamb, Hayley Hassler, Pratha P. Sah, Aia Alvarez-Nishio, Cameron Nguyen, Alexandra D. Tew, Alison Galvani, Alex Dornburg
medRxiv 2022.01.26.22269905; doi: https://doi.org/10.1101/2022.01.26.22269905 Revision

**Factors affecting trust in clinical trials conduct: Views of stakeholders from a qualitative study in Ghana**
Samuel Tamti Chatio, John Kuumuori Ganle, Philip Baba Adongo, Ulrike Beisel
medRxiv 2022.10.05.22280221; doi: https://doi.org/10.1101/2022.10.05.22280221

**Impact of vaccination on post-acute sequelae of SARS CoV-2 infection in patients with rheumatic diseases**
Naomi J Patel, Claire Cook, Kathleen MM Vanni, Xiaoqing Fu, Xiaosong Wang, Yumeko Kawano, Grace Qian, Buuthien Hang, Shruthi Srivatsan, Emily Banasiak, Emily Kowalski, Katarina Bade, Yuqing Zhang, Jeffrey A. Sparks, Zachary S Wallace
medRxiv 2022.10.06.22280798; doi: https://doi.org/10.1101/2022.10.06.22280798

**Barriers to accessing mother, new-born and child health services in urban Gambia during COVID-19: An interview-based qualitative study.**
Abdourahman Bah, Giuliano Russo
medRxiv 2022.10.06.22280770; doi: https://doi.org/10.1101/2022.10.06.22280770

**Individual longitudinal compliance to neglected tropical disease mass drug administration programmes, a systematic review**
Rosie Maddren, Santiago Rayment Gomez, Kathryn Forbes, Ben Collyer, Klodeta Kura, Roy Anderson
medRxiv 2022.10.06.22280483; doi: https://doi.org/10.1101/2022.10.06.22280483

**Vaccines alone cannot slow the evolution of SARS-CoV-2**
Debra Van Egeren, Madison Stoddard, Laura F. White, Natasha S. Hochberg, Michael S. Rogers, Bruce Zetter, Diane Joseph-McCarthy, Arijit Chakravarty
medRxiv 2022.10.04.22280696; doi: https://doi.org/10.1101/2022.10.04.22280696

**Towards estimating true cholera burden: a systematic review and meta-analysis of Vibrio cholerae positivity**
Kirsten E. Wiens, Hanneng Xu, Kaiyue Zou, John Mwaba, Justin Lessler, Espoir B. Malembaka, Maya N. Demby, Godfrey Bwire, Firdausi Qadri, Elizabeth C. Lee, Andrew S. Azman
medRxiv 2022.10.05.22280736; doi: https://doi.org/10.1101/2022.10.05.22280736

**Modelling the cost-effectiveness of hepatitis A vaccination in South Africa**
medRxiv 2022.10.03.22280656; doi: https://doi.org/10.1101/2022.10.03.22280656
Influenza Vaccine Effectiveness Against Influenza A(H3N2)-Related Illness in the United States During the 2021–2022 Influenza Season
medRxiv 2022.10.05.22280702; doi: https://doi.org/10.1101/2022.10.05.22280702

Awareness, Acceptance and Associated Factors of Human Papillomavirus Vaccine Among Parents of Daughters in Hadiya Zone, Southern Ethiopia: A Cross-Sectional Study
Yilma Markos Larebo, Legesse Tesfaye Ellilo, Desta Erkalo Abame, Denebo Ersulo Akiso, Solomon Gebre Bawore, Abebe Alemu Anshebo, Natarajan Gopalan
medRxiv 2022.10.02.22280614; doi: https://doi.org/10.1101/2022.10.02.22280614

OSF Pre-prints
https://osf.io/preprints/discover?provider=OSF&subject=bepress%7CLife%20Sciences
[Accessed 08 Oct 2022]
[Provider Filter: OSF Pre-prints  Subject filters: Arts & Humanities; Education, Life Sciences; Medicine and Health Sciences; Social and Behavioral Sciences]
Supplementary material for COVID-19 vaccines myocarditis: Google Trends analysis of risk perception
Alessandro Rovetta
Last edited: Oct 8, 2022 UTC
Medicine and Health Sciences Social and Behavioral Sciences Public Health Epidemiology Other Public Health
Background: As of September 2022, a wave of disinformation is sweeping Italy regarding the risk of COVID-19 vaccine myocarditis. No studies on this phenomenon have been conducted to date. Methods: Google Trends was adopted to investigate users' web interest in health issues, anxiety, and relation ...
OSF Preprints

Is there a post-COVID-19 increase in violence and aggressive behavior in Egypt or globally?
Amr Ahmed
Last edited: Oct 6, 2022 UTC
Medicine and Health Sciences Psychiatry and Psychology Behavior and Behavior Mechanisms Social and Behavioral Sciences Behavioral Disciplines and Activities
Emerging data and reports from those on the front lines show that all types of violence against women and girls, particularly domestic violence, have increased since the outbreak of COVID-19. This is the COVID-19 Shadow Pandemic, and we need a global collaborative effort to stop it. Essential servic ...
OSF Preprints

Wellcome Open Research  [to 08 Oct 2022]
https://wellcomeopenresearch.org/browse/articles
[Accessed 08 Oct 2022]
Selected Research
Research Article metrics AWAITING PEER REVIEW
Medical debt during epidemics: A case for resolving the situation in low- and middle-income countries such as Kenya [version 1; peer review: awaiting peer review]

Tom Obengo
Peer Reviewers Invited
Funder
Wellcome Trust
PUBLISHED 04 Oct 2022

Research Article metrics
Revised

Health care users’ acceptance of broad consent for storage of biological materials and associated data for research purposes in Uganda [version 2; peer review: 2 approved with reservations]

Hellen Nansumba, Mugalula Flaviano, Semanda Patrick, Ssewanyana Isaac, Douglas Wassenaar
Peer Reviewers Paulina Tindana; Reinder Broekstra
Funder
Wellcome Trust
LATEST VERSION PUBLISHED 04 Oct 2022

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Think Tanks

Brookings  [to 08 Oct 2022]
http://www.brookings.edu/
Latest Research [Selected]
No new digest content identified

Center for Global Development  [to 08 Oct 2022]
https://www.cgdev.org/
All Research [Selected]
POLICY PAPERS

The Next Game Changers: A Priority Innovation Agenda for Global Health
Cordelia Kenney and Rachel Silverman
October 04, 2022

... In this paper, we report the results of a horizon-scanning exercise to source opportunities for global health R&D investment—that is, high-value potential biomedical innovations which are currently underfunded but which could be transformative for health, quality of life, and health security in LMICs and around the world. Drawing from a literature review and expert interviews with researchers, economists, funders, advocates, and implementers, we lay out an expansive and high-promise (though non-comprehensive) biomedical innovation agenda for global health spanning the unfinished MDG agenda; non-communicable diseases; and global health security. We conclude with a discussion of implications for research, funding, and practice.

Chatham House  [to 08 Oct 2022]
Deaths From COVID-19 Spiked Over The Summer, Especially Among People 65 and Older, Before Dipping Again in September

Although COVID-19 fatalities remain much lower than during the peak of last winter’s Omicron surge, deaths among people 65 and older spiked over the summer, more than doubling between April and July 2022, finds a new KFF analysis. The number of deaths topped more than 11,000 people 65 and older...

The Role of Alternative Social Media in the News and Information Environment
In recent years, several new options have emerged in the social media universe, many of which explicitly present themselves as alternatives to more established social media platforms. Free speech ideals and heated political themes prevail on these sites, which draw praise from their users and skepticism from other Americans.

Lack of Preparedness Among Top Reactions Americans Have to Public Health Officials’ COVID-19 Response
Decline in share of fully vaccinated U.S. adults who have been recently boosted
By Cary Funk and Alec Tyson
Overall, 46% of Americans say the statement “public health officials were unprepared for the outbreak” describes their views extremely or very well, including similar shares of Republicans and Democrats.
Amid the rollout of updated COVID-19 booster shots around the United States, a new Pew Research Center survey finds mixed views of public health officials at the forefront of the nation’s response to the outbreak.

About half of Americans (51%) say public health officials, such as those at the Centers for Disease Control and Prevention (CDC), have done an excellent or good job communicating with the public about the coronavirus outbreak; however, nearly as many (49%) say they have done an only fair or poor job. The CDC has received criticism for its COVID-19 response, prompting agency leadership to outline changes to the organization...

Digital offshoring could be one of the long-run impacts of the recent remote work boom. This Perspective looks at the history of offshoring to gain insights into the potential impact digital offshoring may have on U.S. workers.

Oct 6, 2022
Tobias Sytsma

Using Quantum Computers and Simulators in the Life Sciences: Current Trends and Future Prospects

We analysed the research landscape associated with the application of quantum technologies to the life sciences, highlighting current developments, opportunities and challenges, initiatives, and activities to help enable the ecosystem in the future.

Oct 5, 2022
Salil Gunashekar, Isabel Flanagan, Camilla d'Angelo, Immaculate Dadiso Motsei-Omoijiade, Mann Virdee, Carolina Feijao, Simon Porter
[See Milestones above for detail]

Public Comment Comment Letter on Equitable Data Engagement and Accountability

In response to the Request for Information from the White House Office of Science and Technology Policy (OSTP), Urban Institute experts provided input on how Federal agencies can better support collaboration with other levels of government, civil society, and the research community around the production and use of equitable data.


World Economic Forum

No new digest content identified.
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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