



Infection Current Awareness Update

24/06/2024

Welcome to the weekly **Infection Current Awareness Update** (ICAU), produced by **UKHSA Knowledge and Library Services**. The purpose of this update is to provide you with the latest, best evidence about infection, to help you make informed decisions.

If you have any queries, please contact us at libraries@ukhsa.gov.uk, and if you would like to request a literature search, please use the **Knowledge and Library Services Enquiries Portal**.

Please note that not all the articles and resources referred to in this alert are freely available. Some articles may require an Athens username and password. For further information on Athens accounts please visit [here](#). If you are not eligible to access our library services, then you may want to approach your **local NHS library service**.

We do not accept responsibility for the availability or reliability of the items of content included in this alert and their inclusion is not an endorsement of any views that may be expressed.

CONTENTS

COVID-19 related research

- **COVID-19 infection**

Infection-related guidance

- **British Society for Antimicrobial Chemotherapy**
- **European Centre for Disease Prevention and Control**

Infection-related journals

- **American Journal of Infection Control**
- **BMJ Quality & Safety**
- **Clinical Infectious Diseases**
- **Clinical Microbiology and Infection**
- **Clinical Microbiology Reviews**
- **Current Opinion in Microbiology**
- **Diagnostic Microbiology and Infectious Disease**
- **Emerging Infectious Diseases Journal - CDC**

- [European Journal of Clinical Microbiology and Infectious Disease](#)
- [Eurosurveillance](#)
- [FEMS Microbiology Reviews](#)
- [Infection](#)
- [International Journal of Infectious Diseases](#)
- [Journal of Clinical Microbiology](#)
- [Journal of Hospital Infection](#)
- [Journal of Infection](#)
- [Journal of Microbiology, Immunology and Infection](#)
- [The Lancet: Infectious Diseases](#)
- [Microbiology and Molecular Biology Reviews](#)
- [Morbidity and Mortality Weekly Report](#)
- [Nature Reviews Microbiology](#)
- [NEJM Journal Watch: Infectious Diseases](#)

UKHSA affiliation

- [UKHSA Affiliation](#)

COVID-19 related research

COVID-19 infection

1. [\[Articles\] Interim safety and immunogenicity of COVID-19 omicron BA.1 variant-containing vaccine in children in the USA: an open-label non-randomised phase 3 trial](#)

19-03-2024 - Elsevier

mRNA-1273.214 was immunogenic against BA.1 and D614G in children aged 6 months to 5 years, with a comparable safety profile to mRNA-1273, when given as a two-dose primary series or a booster dose. These results are aligned with the US Centers for Disease Control and Prevention recommendations for the use of variant-containing vaccines for continued protection against the emerging variants of ... [Read more...](#)

[Back to Top](#)

Infection-related guidance

British Society for Antimicrobial Chemotherapy

1. [Call for applications: The BSAC Parliamentary Internship Programme 2024](#)

17-06-2024 - British Society for Antimicrobial Chemotherapy (BSAC)

Are you undertaking a PhD in the UK? Are you passionate about antimicrobial resistance, One Health, and the policy implications of infectious disease? Then apply for our Parliamentary Internship Programme and help bring AMR back into the political limelight! [Read more...](#)

[Back to Top](#)

European Centre for Disease Prevention and Control

1. Communicable disease threats report, 15-21 June 2024, week 25

20-06-2024 - *European Centre for Disease Prevention and Control: ECDC (Europa)*

This issue of the ECDC Communicable Disease Threats Report (CDTR) covers the period 15-21 June 2024, and includes updates on avian influenza, West Nile Virus infections, cholera, and mass gathering monitoring for the UEFA European Football Championship and Hajj. [Read more...](#)

[Back to Top](#)

Infection-related journals

American Journal of Infection Control

1. Group A Streptococcal Outbreak in a Geriatric Mental Health Unit

24-06-2024 - *Elsevier*

We report a Group A streptococcal (GAS) outbreak in a geriatric mental health in-patient unit. Communication with cognitively impaired patients, limitations in adherence to hygiene practices and communal dining may have facilitated transmission. Settle plates aided in identifying a colonized patient. Rapid access to whole genome sequencing facilitated assessment and management. [Read more...](#)

2. Associations between Negative Patient Safety Climate and Infection Prevention Practices

19-06-2024 - *Elsevier*

The relationships among positive perceptions of safety climate and healthcare worker behaviors have been increasingly documented in the literature. The potential influence of negative perceptions is underexplored and has not been examined specifically in relation to standard precaution adherence. We addressed this gap using data collected as part of a multi-site, ... [Read more...](#)

[Back to Top](#)

BMJ Quality & Safety

1. Grand rounds in methodology: designing for integration in mixed methods research

19-06-2024 - *British Medical Journal*

Mixed methods research is a popular approach used to understand persistent and complex problems related to quality and safety, such as reasons why interventions are not implemented as intended or explaining differential outcomes. However, the quality and rigour of mixed methods research proposals and publications often miss opportunities for integration, which is the core of mixed methods. [Read more...](#)

2. Association between language discordance and unplanned hospital readmissions or emergency department revisits: a systematic review and meta-analysis

19-06-2024 - *British Medical Journal*

Background and objective Studies conflict about whether language discordance increases rates of hospital readmissions or emergency department (ED) revisits for adult and paediatric patients. The literature was systematically reviewed to investigate the association between language discordance and hospital readmission and ED revisit rates. Data sources Searches were performed in PubMed, ... [Read more...](#)

3. Can virtual reality simulations improve macrocognition?

19-06-2024 - *British Medical Journal*

Simulation studies provide a unique opportunity to develop a deeper understanding of how healthcare workers manage risk in everyday care. In this issue of the journal, Mumma and colleagues¹ use a simulation design to analyse how nurses think during infection prevention and control practices and identify the cognitive skills that are associated with high performance. [Read more...](#)

4. Between-hospital variation in indicators of quality of care: a systematic review

19-06-2024 - *British Medical Journal*

Background Efforts to mitigate unwarranted variation in the quality of care require insight into the 'level' (eg, patient, physician, ward, hospital) at which observed variation exists. This systematic literature review aims to synthesise the results of studies that quantify the extent to which hospitals contribute to variation in quality indicator scores. Methods Embase, Medline, ... [Read more...](#)

5. "Its probably an STI because youre gay": a qualitative study of diagnostic error experiences in sexual and gender minority individuals

19-06-2024 - *British Medical Journal*

Background There is a critical need to identify specific causes of and tailored solutions to diagnostic error in sexual and gender minority (SGM) populations. Purpose To identify challenges to diagnosis in SGM adults, understand the impacts of patient-reported diagnostic errors on patients' lives and elicit solutions. Methods Qualitative study using in-depth semistructured interviews. [Read more...](#)

6. Connecting pathogen transmission and healthcare worker cognition: a cognitive task analysis of infection prevention and control practices during simulated patient care

19-06-2024 - *British Medical Journal*

Background Relatively little is known about the cognitive processes of healthcare workers that mediate between performance-shaping factors (eg, workload, time pressure) and adherence to infection prevention and control (IPC) practices. We taxonomised the cognitive work involved in IPC practices and assessed its role in how pathogens spread. Methods Forty-two registered nurses performed ... [Read more...](#)

7. Understanding linguistic inequities in healthcare: moving from the technical to the social

19-06-2024 - *British Medical Journal*

When patients and clinicians do not speak the same language, the quality and safety concerns that can arise seem evident. However, the literature on the association between language and a host of health outcomes is vast and varied. In this issue of BMJQS, Chu et al share the results of their well-conducted systematic review and meta-analysis of the relationship between a patient's spoken ... [Read more...](#)

8. Variation in quality of care between hospitals: how to identify learning opportunities

19-06-2024 - *British Medical Journal*

In healthcare, as in life, the adage 'variety is the spice of life' often holds true. Variation can represent individual patient preferences, but when it comes to the quality of healthcare, variation can also be unwanted and harmful. Analysis of variation in a quality-of-care indicator assumes that finding only limited variation is a good thing, suggesting consistently high compliance with ... [Read more...](#)

[Back to Top](#)

Clinical Infectious Diseases

1. Piperacillin/tazobactam Susceptibility Test Interpretive Criteria for Enterobacterales: Recommendations from the United States Committee on Antimicrobial Susceptibility Testing

21-06-2024 - Oxford University Press

Contrary to CLSI, FDA, and EUCAST, USCAST does not recommend piperacillin/tazobactam (TZP) susceptibility breakpoints for Enterobacterales non-susceptible to third-generation cephalosporins (3GC) or with a high likelihood of significant AmpC production. UCAST only recommends a TZP susceptibility breakpoint for 3GC-susceptible Enterobacterales. [Read more...](#)

2. Susceptibility Test Interpretive Criteria and the Benefit of Diverse Viewpoints

21-06-2024 - Oxford University Press

[Read more...](#)

3. Rates of resistance to ceftazidime-avibactam and ceftolozane-tazobactam among patients treated for multidrug-resistant bacteremia or pneumonia

21-06-2024 - Oxford University Press

[Read more...](#)

4. Food Insecurity at Tuberculosis Treatment Initiation Is Associated With Clinical Outcomes in Rural Haiti: A Prospective Cohort Study

18-06-2024 - Oxford University Press

In this prospective cohort study of 257 people with pulmonary tuberculosis in Haiti, household food insecurity at treatment initiation was significantly associated with death or treatment failure after accounting for loss to follow-up, measured confounders, and nutritional status. [Read more...](#)

5. Hepatitis B-CpG vaccine series for healthcare workers who are hepatitis B vaccine nonresponders

17-06-2024 - Oxford University Press

[Read more...](#)

[Back to Top](#)

Clinical Microbiology and Infection

1. Comparative efficacy and safety of Pneumocystis jirovecii pneumonia prophylaxis regimens for people living with HIV: a systematic review and network meta-analysis of randomized controlled trials

22-06-2024 - Ovid

Author Names: Prosty C.,Katergi K.,Sorin M.,Rjeily M.B.,Butler-Laporte G.,McDonald E.G.,Lee T.C. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Comparative efficacy and safety of Pneumocystis jirovecii pneumonia prophylaxis regimens for people living with HIV: a systematic review and network ... [Read more...](#)

2. The case for the access, watch, and reserve (AWaRe) universal guidelines for antibiotic use

22-06-2024 - Ovid

Author Names: Yonga P.,Pulcini C.,Skov R.,Pano-Pardo J.R.,Schouten J. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: The case for the access, watch, and reserve (AWaRe) universal guidelines for antibiotic use Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

3. 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' - Author's reply

22-06-2024 - Ovid

Author Names: Aghlmandi S.,Bielicki J.,Bucher H.C. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' \\\- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver ... [Read more...](#)

4. Time to positivity is a risk factor for death among patients with bloodstream infections: a population-based cohort

22-06-2024 - Ovid

Author Names: Laupland K.B.,Edwards F.,Dettrick Z.,Harris P.N.A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Time to positivity is a risk factor for death among patients with bloodstream infections: a population-based cohort Year: 2024 Issue: 7 Volume: 30 Abstract: Objectives: Studies examining ... [Read more...](#)

5. How I manage severe bacterial infections in people who inject drugs

22-06-2024 - Ovid

Author Names: Stewardson A.J.,Davis J.S.,Dunlop A.J.,Tong S.Y.C.,Matthews G.V. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: How I manage severe bacterial infections in people who inject drugs Year: 2024 Issue: 7 Volume: 30 Abstract: Background: Injecting drug use is a risk factor for severe ... [Read more...](#)

6. Early non-invasive ventilation treatment for severe influenza pneumonia

22-06-2024 - Ovid

Author Names: Perez M.,Cobo P.,Martins J.,Carbayo C.,Robles-Musso E.,Cardenas A.,Fierro J.,Fernandez D.O.,Sierra R.,Huertos M.J.,Pozo J.C.,Guerrero R.,Marquez E.,Rodriguez-Carvajal M.,Jareno A.,Estella A.,Pomares J.,Ballesteros J.L.,Fernandez Y.,Lobato F.,Prieto J.F.,Albofedo-Sanchez J.,Martinez P.,Castellanos M.A.D.,Sevilla G.,Garnacho-Montero J.,Hinojosa R.,Fernandez E.,Loza A.,Leon C. [Read more...](#)

7. Women's acceptance of two strategies for preventing respiratory syncytial virus infant bronchiolitis: maternal immunization or monoclonal antibodies for newborns

22-06-2024 - Ovid

Author Names: Roblin A.,Lachatre M.,Charlier C.,Launay O.,Tsatsaris V.,Anselem O. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Women's acceptance of two strategies for preventing respiratory syncytial virus infant bronchiolitis: maternal immunization or monoclonal antibodies for newborns Year: 2024 ... [Read more...](#)

8. Prevalence of long COVID in the general adult population according to different definitions and sociodemographic and infection characteristics. A nationwide random sampling survey in France in autumn 2022

22-06-2024 - Ovid

Author Names: Coste J.,Delpierre C.,Richard J.-B.,Alleaume C.,Gallay A.,Tebeka S.,Lemogne C.,Robineau O.,Steichen O.,Makovski T.T. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Prevalence of long COVID in the general adult population according to different definitions and sociodemographic and ... [Read more...](#)

9. Evaluation of two commercial broth microdilution systems for dalbavancin susceptibility testing of methicillin-resistant *Staphylococcus aureus* and other resistant Gram-positive cocci

22-06-2024 - Ovid

Author Names: Baccani I.,Antonelli A.,Cuffari S.,Ferretti C.,Giani T.,Rossolini G.M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Evaluation of two commercial broth microdilution systems for dalbavancin susceptibility testing of methicillin-resistant *Staphylococcus aureus* and other resistant ... [Read more...](#)

10. 'Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland' - Author's reply

22-06-2024 - Ovid

Author Names: Garzoni C.,Bongiovanni M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: 'Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland' \\\- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

11. *Cuterebra* sp tracheopulmonary myiasis in a traveller returning from Costa Rica

22-06-2024 - Ovid

Author Names: Rio L.-P.,Conquet G.,Langlois B.,Varlet-Marie E.,Lachaud L.,Pasquier G. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: *Cuterebra* sp tracheopulmonary myiasis in a traveller returning from Costa Rica Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

12. Evaluation of droplet digital polymerase chain reaction by detecting cell-free deoxyribonucleic acid in pleural effusion for the diagnosis of tuberculous pleurisy: a multicentre cohort study

22-06-2024 - Ovid

Author Names: Xu F.,Du W.,Li C.,Li Y.,Li Z.,Han W.,Li H.,Liang J.,Zhao D.,Yang X.,Wang F.,Long C.,Xing X.,Tan J.,Zhang N.,Sun Z.,Che N. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Evaluation of droplet digital polymerase chain reaction by detecting cell-free deoxyribonucleic acid in pleural ... [Read more...](#)

13. The impact of armed conflict on the development and global spread of antibiotic resistance: a systematic review

22-06-2024 - Ovid

Author Names: Granata G.,Petersen E.,Capone A.,Donati D.,Andriolo B.,Gross M.,Cicalini S.,Petrosillo N. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: The impact of armed conflict on the development and global spread of antibiotic resistance: a systematic review Year: 2024 Issue: 7 Volume: 30 ... [Read more...](#)

14. Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland

22-06-2024 - Ovid

Author Names: Garzoni C.,Bernasconi E.,Zehnder C.,Malossa S.F.,Merlani G.,Bongiovanni M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: ... [Read more...](#)

15. Intradermal delivery of the third dose of the mRNA-1273 SARS-CoV-2 vaccine: safety and immunogenicity of a fractional booster dose

22-06-2024 - Ovid

Author Names: Roozen G.V.T., Prins M.L.M., Prins C., Janse J.J., de Gruyter H.L.M., Pothast C.R., Huisman W., Koopman J.P.R., Lamers O.A.C., Kuijter M., Myeni S.K., van Binnendijk R.S., Hartog G.D., Heemskerk M.H.M., Jochems S.P., Feltkamp M.C.W., Kikkert M., Rosendaal F.R., Roestenberg M., Visser L.G., Roukens A.H.E. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, ... [Read more...](#)

16. Effectiveness of financial incentives on influenza vaccination among older adults in China: a randomized clinical trial

22-06-2024 - Ovid

Author Names: Shen Y., Wang J., Nicholas S., Maitland E., Lv M., Yin T., Zhu D. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Effectiveness of financial incentives on influenza vaccination among older adults in China: a randomized clinical trial Year: 2024 Issue: 7 Volume: 30 Abstract: Objectives: To ... [Read more...](#)

17. Re: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' by Aghlmandi et al

22-06-2024 - Ovid

Author Names: Pluss-Suard C., Mueller Y., Plate A., Senn O., Kronenberg A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Re: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' by Aghlmandi et al Year: 2024 Issue: 7 Volume: 30 Abstract: ... [Read more...](#)

18. Features of cryptococcosis among 652 HIV-seronegative individuals in France: a cross-sectional observational study (2005-2020)

22-06-2024 - Ovid

Author Names: Paccoud O., Desnos-Ollivier M., Persat F., Demar M., Boukris-Sitbon K., Bellanger A.-P., Bonhomme J., Bonnal C., Botterel F., Bougnoux M.-E., Brun S., Cassaing S., Cateau E., Chouaki T., Cornet M., Dannaoui E., Desbois-Nogard N., Durieux M.-F., Favennec L., Fekkar A., Gabriel F., Gangneux J.-P., Guitard J., Hasseine L., Huguenin A., Le Gal S., Letscher-Bru V., Mahinc C., Morio F., Nicolas M., Poirier P., Ranque S. [Read more...](#)

19. Ampicillin susceptibility testing of Haemophilus influenzae in the routine clinical laboratory by the EUCAST methodology compared to broth microdilution and the presence of ftsI gene mutations

22-06-2024 - Ovid

Author Names: Sturm P.D.J., Hermans N.T.H., van der Zanden A.G.M., Peters C.J.A., Schulin T. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Ampicillin susceptibility testing of Haemophilus influenzae in the routine clinical laboratory by the EUCAST methodology compared to broth microdilution and the ... [Read more...](#)

20. Re: 'Vagus nerve dysfunction in the post-COVID-19 condition' by Lladós et al

22-06-2024 - Ovid

Author Names: Finsterer J. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Re: 'Vagus nerve dysfunction in the post-COVID-19 condition' by Lladós et al Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links:

<https://libkey.io/libraries/1814/openurl?sid=OVID:emexc&genre=article&id=pmid:380423> ... [Read more...](#)

21. Characteristics, management and outcome of Herpes Simplex and Varicella-Zoster virus encephalitis: a multicentre prospective cohort study

22-06-2024 - *Ovid*

Author Names: Poussier L.,Mailles A.,Tattevin P.,Stahl J.-P.,Abgrall S.,Argaud L.,Argemi X.,Asseray N.,Baille G.,Baldolli A.,Biberon J.,Biron C.,Blanchet-Fourcade G.,Blot M.,Bonnetain A.,Botelho-Nevers E.,Bourdain F.,Boutoille D.,Brasme H.,Bruel C.,Bruneel F.,Buzele R.,Canoui E.,Casenave P.,Castan B.,Cazanave C.,Cazorla C.,Challan-Belval T.,Chavanet P.,Chirouze C.,Chroboczek T.,Courjon J. [Read more...](#)

22. Re: lower (1,3)-beta-D-glucan sensitivity and in vitro levels in Candida auris and Candida parapsilosis strains by Mikulska et al

22-06-2024 - *Ovid*

Author Names: Adelman M.W.,Tran T.T.,Shukla B. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: lower (1,3)-beta-D-glucan sensitivity and in vitro levels in Candida auris and Candida parapsilosis strains by Mikulska et al Year: 2024 Issue: Volume: Abstract: External Resolver Links: <https://libkey.io>. [Read more...](#)

23. Orthopox viruses: is the threat growing?

22-06-2024 - *Ovid*

Author Names: Boehm E.,Summermatter K.,Kaiser L. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Orthopox viruses: is the threat growing? Year: 2024 Issue: 7 Volume: 30 Abstract: Background: Smallpox was a major cause of human mortality until its eradication, but the threat of orthopox viruses has not ... [Read more...](#)

24. 'Vagus Nerve Dysfunction in the Post-COVID-19 Condition' - Author's reply

22-06-2024 - *Ovid*

Author Names: Lladós G.,Massanella M.,Paredes R.,Mateu L. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: 'Vagus Nerve Dysfunction in the Post-COVID-19 Condition' \\\- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey.io/libraries/1814/openurl?sid=OVID:em> ... [Read more...](#)

25. Diagnostic value of maternal, cord blood and neonatal biomarkers for early-onset sepsis: a systematic review and meta-analysis

22-06-2024 - *Ovid*

Author Names: van Leeuwen L.M.,Fourie E.,van den Brink G.,Bekker V.,van Houten M.A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Diagnostic value of maternal, cord blood and neonatal biomarkers for early-onset sepsis: a systematic review and meta-analysis Year: 2024 Issue: 7 Volume: 30 Abstract: ... [Read more...](#)

26. Re: Persistent COVID-19 in immunocompromised patients-Israeli Society of Infectious Diseases consensus statement on diagnosis and management by Meijer et al

22-06-2024 - *Ovid*

Author Names: Maraolo A.E.,Moriello N.S.,Gentile I. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: Persistent COVID-19 in immunocompromised patients-Israeli Society of Infectious Diseases

consensus statement on diagnosis and management by Meijer et al Year: 2024 Issue: Volume:
Abstract: [Read more...](#)

27. Monetary incentives for vaccination: effectiveness and unintended consequences

22-06-2024 - *Ovid*

Author Names: Campos-Mercade P.,Schneider F.H. Database Source: Embase Weekly Updates
Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title:
Monetary incentives for vaccination: effectiveness and unintended consequences Year: 2024 Issue:
7 Volume: 30 Abstract: External Resolver Links:
[https://libkey.io/libraries/1814/openurl?sid=OVID:emexc&genre= ...](https://libkey.io/libraries/1814/openurl?sid=OVID:emexc&genre=...) [Read more...](#)

28. The impact of the fluconazole trailing effect on the persistence of Candida albicans bloodstream infection when treated with fluconazole

22-06-2024 - *Ovid*

Author Names: Lin S.-Y.,Huang H.-Y.,Chang L.-L.,Wang Y.-L.,Chen T.-C.,Chang K.,Tu H.-P.,Lu P.-
L. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and
Infection,Clinical Microbiology and Infection Article Title: The impact of the fluconazole trailing effect
on the persistence of Candida albicans bloodstream infection when treated with fluconazole Year:
2024 Issue: 7 ... [Read more...](#)

[Back to Top](#)

Clinical Microbiology Reviews

1. Clinical Microbiology Reviews: a 21st century vision

20-06-2024 - *American Society for Microbiology*

Clinical Microbiology Reviews, Ahead of Print. [Read more...](#)

2. HIV-associated cancers and lymphoproliferative disorders caused by Kaposi sarcoma herpesvirus and Epstein-Barr virus

20-06-2024 - *American Society for Microbiology*

Clinical Microbiology Reviews, Ahead of Print. [Read more...](#)

3. Staphylococcus capitis: insights into epidemiology, virulence, and antimicrobial resistance of a clinically relevant bacterial species

20-06-2024 - *American Society for Microbiology*

Clinical Microbiology Reviews, Ahead of Print. [Read more...](#)

[Back to Top](#)

Current Opinion in Microbiology

1. Innate immune responses and monocyte-derived phagocyte recruitment in protective immunity to pathogenic bacteria: insights from Legionella pneumophila

22-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Microbiology, Volume 80 Author(s):
Danielle PA Mascarenhas, Dario S Zamboni [Read more...](#)

2. Dynamic structural determinants in bacterial microcompartment shells

22-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Microbiology, Volume 80 Author(s): Daniel
S Trettel, Cheryl A Kerfeld, Cesar R Gonzalez-Esquer [Read more...](#)

Diagnostic Microbiology and Infectious Disease

1. Bacterial DNA enrichment for low-inoculum fracture-related infection diagnostic using High-Throughput Sequencing

23-06-2024 - *ScienceDirect*

Publication date: Available online 22 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): David Delarbre, Philippe Lavard, Antoine Elias, Vincent Bossi, Idir Kacel, Frédéric Janvier, Pierre-Edouard Fournier [Read more...](#)

2. Auranofin Enhances the Antibacterial Effects of Ertapenem Against Carbapenem-resistant *Escherichia coli*

23-06-2024 - *ScienceDirect*

Publication date: Available online 22 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Da-Huin Lee, Yong-Bin Eom [Read more...](#)

3. Establishment and evaluation of a qPCR method for the detection of *pfmdr1* mutations in *Plasmodium falciparum*, the causal agent of fatal malaria

21-06-2024 - *ScienceDirect*

Publication date: Available online 20 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Huiyin Zhu, Daiqian Zhu, Kai Wu, Wei He, Liugen Li, Tongfei Li, Long Liu, Zhixin Liu, Xiaonan Song, Weijia Cheng, Jinyu Mo, Yi Yao, Jian Li [Read more...](#)

4. A Unique Case of Double Meningitis with Enterovirus and Reactivated Varicella-Zoster Virus in a Male Teenager

21-06-2024 - *ScienceDirect*

Publication date: Available online 21 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Andrei-Lucian Drăgoi, Roxana-Maria Nemeş [Read more...](#)

5. In vitro interactions of combinations of colistin with meropenem, rifampicin and tigecycline in colistin-resistant, biofilm-forming *Klebsiella pneumoniae*

20-06-2024 - *ScienceDirect*

Publication date: Available online 20 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Tuba Müderris, Gülden Dursun Manyaslı, Selçuk Kaya, Süreyya Gül Yurtsever [Read more...](#)

6. Clinical evaluation of the T2Candida assay for the rapid diagnosis of candidemia

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Kuenyoul Park, Jin-Won Huh, Sang-Ho Choi, Heungsup Sung, Mi-Na Kim [Read more...](#)

7. Successful endoscopic closure of alveolar-pleural fistula due to *Aspergillus empyema* using a ventricular septal defect occluder

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Zeqin Fan, Xiaoxian Huang, Lihui Zhang, Yunchao Huang, Li Wei, Xiqian Xing [Read more...](#)

8. IgG Seroprevalence of *Toxoplasma gondii* and *Leishmania infantum* in Leprosy Patients: Implications for Screening and Management of Co-infections

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Ana Laura Grossi de Oliveira, Ramayana Morais de Medeiros Brito, Williane Fernanda Siqueira, Augusto César Parreiras de Jesus, Lilian Lacerda Bueno, Ricardo Toshio Fujiwara [Read more...](#)

9. Performance characteristics of “lollipop” swabs for the diagnosis of infection with SARS-CoV-2

17-06-2024 - *ScienceDirect*

Publication date: Available online 16 June 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Joseph A. McBride, Gregory DeMuri, Cassandra Nelson, Suzanne Cranley, Elena Alfaro, Jens Eickhoff, Ailam Lim, Shelby O'Connor, Ellen R. Wald [Read more...](#)

[Back to Top](#)

Emerging Infectious Diseases Journal - CDC

1. Poet, Politician, Exile, and Probable Malaria Victim

22-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

B. Breedlove [Read more...](#)

2. Infectious Diseases and Clinical Xenotransplantation

20-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

J. A. Fishman and N. J. Mueller [Read more...](#)

3. *Emayella augustorita*, New Member of Pasteurellaceae, Isolated from Blood Cultures of Septic Patient

20-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

S. Meyer et al. [Read more...](#)

4. World Health Organization Enhanced Gonococcal Antimicrobial Surveillance Programme, Cambodia, 2023

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

V. Ouk et al. [Read more...](#)

5. *Rickettsia parkeri* Rickettsiosis in Kidney Transplant Recipient, North Carolina, USA, 2023

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

G. M. Phadke et al. [Read more...](#)

6. Bluetongue Virus Serotype 3 and Schmallenberg Virus in *Culicoides* Biting Midges, Western Germany, 2023

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

A. Voigt et al. [Read more...](#)

7. Serosurvey of Blood Donors to Assess West Nile Virus Exposure, South-Central Spain

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

M. Frías et al. [Read more...](#)

8. Orthohantaviruses in Misiones Province, Northeastern Argentina

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

M. Vadell et al. [Read more...](#)

9. Acute Meningoencephalitis Associated with *Borrelia miyamotoi*, Minnesota, USA

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

J. M. Kubiak et al. [Read more...](#)

10. Reemergence of Clade IIb–Associated Mpox, Germany, July–December 2023

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

P. E. Obermeier et al. [Read more...](#)

11. Molecular Confirmation of Anopheles stephensi Mosquitoes in the Al Hudaydah Governorate, Yemen, 2021 and 2022

18-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

M. Assada et al. [Read more...](#)

[Back to Top](#)

European Journal of Clinical Microbiology and Infectious Disease

1. Plasmacytosis without plasma cell disorder: beware of Dengue

19-06-2024 - *Springer*

[Read more...](#)

[Back to Top](#)

Eurosurveillance

1. Highly pathogenic avian influenza A(H5N1) virus infections on fur farms connected to mass mortalities of black-headed gulls, Finland, July to October 2023

20-06-2024 - *Eurosurveillance*

Highly pathogenic avian influenza (HPAI) has caused widespread mortality in both wild and domestic birds in Europe 2020-2023. In July 2023, HPAI A(H5N1) was detected on 27 fur farms in Finland. In total, infections in silver and blue foxes, American minks and raccoon dogs were confirmed by RT-PCR. The pathological findings in the animals include widespread inflammatory lesions in the ... [Read more...](#)

2. One health, many interpretations: vaccinating risk groups against H5 avian influenza in Finland

20-06-2024 - *Eurosurveillance*

[Read more...](#)

3. Authors' correction for Euro Surveill. 202429(13)

20-06-2024 - *Eurosurveillance*

[Read more...](#)

4. Association between adverse events after COVID-19 vaccination and anti-SARS-CoV-2 antibody concentrations, the Netherlands, May 2021 to November 2022: a population-based prospective cohort study

20-06-2024 - *Eurosurveillance*

Background Non-severe adverse events (AE) including pain at injection site or fever are common after COVID-19 vaccination. Aim To describe determinants of AE after COVID-19 vaccination and investigate the association between AE and pre- and post-vaccination antibody concentrations. Methods Participants of an ongoing prospective cohort study (VASCO) completed a questionnaire on AE within 2 ... [Read more...](#)

5. WILDbase: towards a common database to improve wildlife disease surveillance in Europe

20-06-2024 - *Eurosurveillance*

Background To be better prepared for emerging wildlife-borne zoonoses, we need to strengthen wildlife disease surveillance. Aim The aim of this study was to create a topical overview of zoonotic pathogens in wildlife species to identify knowledge gaps and opportunities for improvement of wildlife disease surveillance. Methods We created a database, which is based on a systematic literature ... [Read more...](#)

6. An unusual outbreak of parvovirus B19 infections, France, 2023 to 2024

20-06-2024 - *Eurosurveillance*

From April 2023 to May 2024, an unusual epidemic of parvovirus B19 (B19V) infections occurred in France. The number of B19V IgM-positive serologies was four times higher than in the previous epidemic in 2019. Clinical data from emergency networks corroborated this observation. Morbidity and mortality consequences were observed in children through all data sources. [Read more...](#)

[Back to Top](#)

FEMS Microbiology Reviews

1. The vast landscape of carbohydrate fermentation in prokaryotes

20-06-2024 - *Oxford University Press*

FEMS Microbiology Reviews , Volume 48, Issue 4, July 2024, fuae016, <https://doi.org/10.1093/femsre/fuae016> Fermentation is a complex metabolism carried out by one-fourth of all prokaryotes and has several applications for agriculture, health, and industry. [Read more...](#)

[Back to Top](#)

Infection

1. The association between COVID-19 vaccine/infection and new-onset asthma in children - based on the global TriNetX database

21-06-2024 - *Springer*

[Read more...](#)

2. The diagnostic value of salivary C-reactive protein in neonatal infections: a meta-analysis

21-06-2024 - *Springer*

[Read more...](#)

3. Predictors of mortality of *Pseudomonas aeruginosa* bacteraemia and the role of infectious diseases consultation and source control a retrospective cohort study

20-06-2024 - *Springer*

[Read more...](#)

4. Activation of the MAPK network provides a survival advantage during the course of COVID-19-induced sepsis: a real-world evidence analysis of a multicenter COVID-19 Sepsis Cohort

19-06-2024 - *Springer*

[Read more...](#)

5. Multi-level tuberculosis of the spine identified by 18 F-FDG-PET/CT and concomitant urogenital tuberculosis: a case report from the spinal TB X cohort

19-06-2024 - *Springer*

[Read more...](#)

6. Accurate and affordable detection of rifampicin and isoniazid resistance in Tuberculosis sputum specimens by multiplex PCR-multiple probes melting analysis

17-06-2024 - Springer

[Read more...](#)

7. Ceftazidime/avibactam versus polymyxin B in carbapenem-resistant *Klebsiella pneumoniae* infections: a propensity score-matched multicenter real-world study

17-06-2024 - Springer

[Read more...](#)

[Back to Top](#)

International Journal of Infectious Diseases

1. Effectiveness of quadrivalent meningococcal conjugate vaccine against meningococcal carriage and genotype character changes: A secondary analysis of prospective cohort study in Korean military trainees

23-06-2024 - ScienceDirect

Publication date: Available online 22 June 2024
Source: International Journal of Infectious Diseases
Author(s): Young Rong Kim, Hakjun Hyun, Eun Jin Kim, Young Hwa Choi, Jin Sae Yoo, Yeunji Lee, Hong Sang Oh, Jung Yeon Heo [Read more...](#)

2. Comparative Effectiveness and Safety of BNT162b2 and CoronaVac in Hong Kong: A Target Trial Emulation

22-06-2024 - ScienceDirect

Publication date: Available online 21 June 2024
Source: International Journal of Infectious Diseases
Author(s): Eric Yuk Fai Wan, Boyuan Wang, Amanda Lauren Lee, Jiayi Zhou, Celine Sze Ling Chui, Francisco Tsz Tsun Lai, Xue Li, Carlos King Ho Wong, Ivan Fan Ngai Hung, Chak Sing Lau, Esther Wai Yin Chan, Ian Chi Kei Wong [Read more...](#)

3. Fürst et al. fail to address crucial biases other than the Healthy vaccinee effect

21-06-2024 - ScienceDirect

Publication date: Available online 21 June 2024
Source: International Journal of Infectious Diseases
Author(s): Petr Jedlička [Read more...](#)

4. Ebola virus circulation in a non-epidemic Guinean rural area: a mixed-method approach to assessing endemicity

21-06-2024 - ScienceDirect

Publication date: Available online 21 June 2024
Source: International Journal of Infectious Diseases
Author(s): Castro Gbêmémali Hounmenou, Frédéric Le Marcis, Djiba Kaba, Maladho Diaby, Abdoul-Karim Soumah, Haby Diallo, Guillaume Thaurignac, Saidouba Cherif Camara, Ahidjo Ayouba, Martine Peeters, Alpha-Kabinet Keita, Eric Delaporte, Abdoulaye Touré [Read more...](#)

5. No evidence of a “healthy vaccinee effect” in COVID-19 vaccination data from the Czech Republic

20-06-2024 - ScienceDirect

Publication date: Available online 19 June 2024
Source: International Journal of Infectious Diseases
Author(s): Martin Šmíd, Vít Tuček, Rastislav Madar, Ruth Tachezy, Zdenek Hel [Read more...](#)

6. Synergistic impact of innate immunity hyper-activation and endothelial dysfunction on the magnitude of organ failure in the infection-sepsis continuum.

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: International Journal of Infectious Diseases
Author(s): Amanda de la Fuente, Jaime López-Sánchez, Luis Mario Vaquero-Roncero, María Merino García, María Elisa Sánchez Barrado, Miguel Vicente Sánchez-Hernández, Nadia Garcia-Mateo, Jesús Rico-Feijoo, Luis Muñoz-Bellvís, Rafael González de Castro, Ana P. Tedim, Alicia Ortega, ... [Read more...](#)

7. Risk Factors of Crimean-Congo Hemorrhagic Fever in Sindh Province, Pakistan

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: International Journal of Infectious Diseases
Author(s): Muhammad Asif Syed, Muhammad Ilyas Siddiqui, Ishfaq Hussain Memon, Kishwar Jehandad, Nayyar Nawaz Baloch, Hamza Jamal, Aamir Hussain, Naveed Masood Memon, Masroor Hussain Syed, Zeeshan Ansar Ahmed, Robert Fontaine, Paola Rullán-Oliver [Read more...](#)

8. Vaccine effectiveness of primary and booster COVID-19 vaccinations against SARS-CoV-2 infection: repeat analyses with updated data for the prospective cohort study in the Netherlands from July 2021 to June 2022

19-06-2024 - *ScienceDirect*

Publication date: Available online 18 June 2024
Source: International Journal of Infectious Diseases
Author(s): Anne J. Huiberts, Susan van den Hof, Mirjam J. Knol [Read more...](#)

9. Editorial Board

18-06-2024 - *ScienceDirect*

Publication date: August 2024
Source: International Journal of Infectious Diseases, Volume 145
Author(s): [Read more...](#)

[Back to Top](#)

Journal of Clinical Microbiology

1. Improved Blue Carba test and Carba NP test for detection and classification of major Class A and B carbapenemases, including dual producers, among Gram-negative bacilli

21-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

2. Defining the value of medical microbiology consultation

21-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

3. Correction for Köndgen et al., "A robust, scalable, and cost-efficient approach to whole genome sequencing of RSV directly from clinical samples"

18-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

4. Performance evaluation of the Panbio COVID-19/Flu A&B Panel for detection of SARS-CoV-2, influenza A, and influenza B antigens using mid-turbinate nasal swabs

18-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

5. A simple and sensitive test for *Candida auris* colonization, surveillance, and infection control suitable for near patient use

18-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

6. Broad-range amplification and sequencing of the rpoB gene: a novel assay for bacterial identification in clinical microbiology

17-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

[Back to Top](#)

Journal of Hospital Infection

1. Impact of Spatial Separation for Respiratory Patients on Emergency Department Flow Process Intervals and Length of Stay

20-06-2024 - *Journal of Hospital Infection*

Spatial separation in emergency departments (ED) is empirically practised as part of transmission-based precaution. Despite its potential benefits in segregating potentially infectious patients, the effects of spatial separation on patient flow remains uncertain. [Read more...](#)

2. Association between skin suture devices and incidence of incisional surgical site infection after gastrointestinal surgery: A systematic review and network meta-analysis

19-06-2024 - *Journal of Hospital Infection*

We aimed to compare which suture devices could reduce the incidence of incisional surgical site infections (SSIs) after gastrointestinal surgery using a systematic review and network meta-analysis. [Read more...](#)

[Back to Top](#)

Journal of Infection

1. Repeated Omicron infection dampens immune imprinting from previous vaccination and induces broad neutralizing antibodies against Omicron sub-variants

20-06-2024 - *Elsevier*

Similar with influenza virus, antigenic drift is highly relevant to SARS-CoV-2 evolution, and immune imprinting has been found to limit the performance of updated vaccines based on the emerging variants of SARS-CoV-2. We aimed to investigate whether repeated exposure to Omicron variant could reduce the immune imprinting from previous vaccination. [Read more...](#)

2. Inclusion of racial and ethnic groups in clinical trials for COVID-19 and post-acute COVID-19 syndrome: an analysis of studies registered on ClinicalTrials.gov

20-06-2024 - *Elsevier*

We read with interest the study by Juan and colleagues, who found in a network systematic review and meta-analysis of nine observational studies, that early use of oral antiviral drugs could protect against developing post-acute COVID-19 syndrome (PASC).¹ The study of race and ethnicity reporting is critical for assessing equity, especially relating to COVID-19, ... [Read more...](#)

3. Clinical spectrum and relevance of Mycobacterium malmoense: systematic review and meta-analysis of 859 patients

19-06-2024 - *Elsevier*

The clinical relevance of Mycobacterium malmoense isolation from pulmonary specimens has been considered high compared with other non-tuberculous mycobacteria. In this study, we aimed to analyse all published clinical data of patients with M. malmoense isolation to investigate the clinical spectrum, relevance, and outcomes of infections with this uncommon mycobacterium. [Read more...](#)

4. Prevalence of tuberculosis infection among contacts of drug-resistant tuberculosis patients: A systematic review and meta-analysis

19-06-2024 - Elsevier

Contact investigations with drug-susceptible tuberculosis (DS-TB) patients have demonstrated a high prevalence of tuberculosis infection (TBI). However, the prevalence of TBI among individuals in close contact with drug-resistant tuberculosis (DR-TB) patients is poorly understood. This systematic review and meta-analysis aimed to determine the prevalence of TBI among household and ... [Read more...](#)

5. Surveillance of Invasive Pneumococcal Disease in Spain Exploring the Impact of the COVID-19 Pandemic (2019-2023)

19-06-2024 - Elsevier

Dynamic trends of invasive pneumococcal disease (IPD) including the evolution of prevalent serotypes are very useful to evaluate the impact of current and future pneumococcal conjugate vaccines (PCVs) and the rise of non-vaccine serotypes. In this study, we include epidemiological patterns of *S. pneumoniae* before and after COVID-19 pandemic. [Read more...](#)

6. Evidence of immunity gap: Decline in antibodies against *M. pneumoniae* during the COVID-19 pandemic

18-06-2024 - Elsevier

Dear editor, [Read more...](#)

7. Elderly patients with tuberculosis in a low-incidence country – clinical characteristics, inflammation and outcome

18-06-2024 - Elsevier

Susceptibility to respiratory infections increases with age. Diagnosing and treating tuberculosis in the elderly comes with the challenges of fewer specific symptoms and possibly more side-effects of treatment. Much is unknown when it comes to tuberculosis in the elderly, especially in relation to inflammation, which may impact mortality. We therefore investigated a clinical cohort of elderly ... [Read more...](#)

8. Global Antigenic Landscape and Vaccine Recommendation Strategy for Low Pathogenic Avian Influenza A(H9N2) Viruses

18-06-2024 - Elsevier

The sustained circulating of H9N2 avian influenza viruses (AIVs) poses a significant threat for contributing to a new pandemic. Given the temporal and spatial uncertainty in antigenicity of H9N2 AIVs, the immune protection efficiency of vaccines remains challenging. By developing an antigenicity prediction method for H9N2 AIVs, named PREDAC-H9, the global antigenic landscape of H9N2 AIVs was ... [Read more...](#)

9. Randomized, double-blind, controlled phase 1 trial of the candidate tuberculosis vaccine ChAdOx1-85A delivered by aerosol versus intramuscular route

17-06-2024 - Elsevier

Inhaled ChAdOx1-85A was well-tolerated and induced lung mucosal and systemic Ag85A-specific T cell responses. These data support further evaluation of aerosol ChAdOx1-85A and other viral vectors as a BCG-booster vaccination strategy. [Read more...](#)

10. Concomitant use of lansoprazole and ceftriaxone is associated with an increased risk of ventricular arrhythmias and cardiac arrest in a large Japanese hospital database

17-06-2024 - Elsevier

To determine whether concomitant use of ceftriaxone and oral or intravenous lansoprazole increases the risk of ventricular arrhythmia and cardiac arrest in the real-world setting in Japan.

[Read more...](#)

11. Likelihood of Post-COVID Condition in people with hybrid immunity data from the German National Cohort (NAKO)

17-06-2024 - Elsevier

The risk of Post-COVID-19 condition (PCC) under hybrid immunity remains unclear. [Read more...](#)

12. Effects of coronavirus disease 2019 on the spread of respiratory-transmitted human-to-human bacteria

17-06-2024 - Elsevier

The coronavirus disease 2019 (COVID-19) pandemic has necessitated significant changes in medical systems, social behaviours, and non-pharmaceutical interventions (NPIs). We aimed to determine the effect of the COVID-19 pandemic on changes in the epidemiology of respiratory-transmitted bacteria that have been unexplored. [Read more...](#)

[Back to Top](#)

Journal of Microbiology, Immunology and Infection

1. The real-world impact of the BioFire FilmArray Blood Culture Identification 2 Panel on antimicrobial stewardship among patients with bloodstream infections in intensive care units with a high burden of drug-resistant pathogens

21-06-2024 - ScienceDirect

Publication date: Available online 20 June 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Hsu-Yuan Chen, How-Yang Tseng, Chieh-Lung Chen, Yu-Chao Lin, Shinn-Jye Liang, Chih-Yen Tu, Wei-Cheng Chen, Po-Ren Hsueh [Read more...](#)

2. Recommendations and guidance for herpes zoster vaccination for adults in Taiwan

21-06-2024 - ScienceDirect

Publication date: Available online 21 June 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Kuan-Yin Lin, Ching-Hsun Wang, Lian-Yi Su, I-Fan Lin, Chia-Wei Liu, Ping-Feng Wu, Wen-Chia Tsai, Chia-Ning Chang, Miao-Chiu Hung, Chien-Hsien Huang, Nan-Chang Chiu, Ming-Fang Cheng, Szu-Min Hsieh, Ning-Chi Wang, Hsiao-Wei Wang, Swee Siang Wong, Po-Chang Lin, Ming-Han Tsai, ... [Read more...](#)

3. Genetic Characterization of respiratory syncytial virus surface glycoproteins F and G in Taiwan, 2017-2021

20-06-2024 - ScienceDirect

Publication date: Available online 20 June 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Yu Ping Fang, Chun Chin Chang, De Wei Lai, Chun Yi Lee [Read more...](#)

4. Risk factors and crucial prognostic indicators of mortality in liver transplant recipients with bloodstream infections: A comprehensive study of 1049 consecutive liver transplants over an 11-year period

20-06-2024 - ScienceDirect

Publication date: Available online 20 June 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Ing-Kit Lee, Chang Po-Hsun, Yeh Cheng-His, Li Wei-Feng, Yin Shih-Min, Lin Yu-Cheng, Tzeng Wei-Juo, Chen Chao-Long, Lin Chih-Che, Wang Chih-Chi [Read more...](#)

[Back to Top](#)

The Lancet: Infectious Diseases

1. [Editorial] Can another infected blood scandal be averted?

19-06-2024 - Elsevier

More than 30 000 people in the UK were infected after receiving contaminated blood products in the 1970s and 1980s, resulting in 3000 deaths to date. The contaminated blood products came from high-risk groups, such as people who were incarcerated, who were paid to donate blood, primarily in the USA. Importation was prompted by a shortage of local supplies. Approximately 1250 individuals with ... [Read more...](#)

2. [Comment] Readiness in preventing filovirus epidemics by use of the marketed vaccines against Zaire Ebola virus disease as prototypes

19-06-2024 - Elsevier

Before the west African epidemic of Ebola virus disease that lasted 3 years and reached highly populated urban areas, filovirus diseases were known to cause sporadic outbreaks in remote and rural areas in sub-Saharan Africa.¹ The increasing frequency, duration, and magnitude of filovirus outbreaks in the past decade (including outbreaks caused by non-Zaire Ebola viruses, ... [Read more...](#)

3. [Newsdesk] Nigeria leads pentavalent meningitis vaccine rollout

19-06-2024 - Elsevier

In March, 2024, Nigeria began rollout of the Men5CV vaccine, targeting five strains of *Neisseria meningitidis*, to prevent and control meningitis epidemics. Alix Boisson-Walsh reports. [Read more...](#)

4. [Newsdesk] South Africa takes on drug-resistant tuberculosis

19-06-2024 - Elsevier

Two parallel efforts in South Africa, new drug discovery and genomic surveillance, aim to address the challenge of drug-resistant tuberculosis. Paul Adepoju reports. [Read more...](#)

5. [Obituary] Barbara Elizabeth Murray

19-06-2024 - Elsevier

Renowned infectious disease specialist and expert on enterococcal diseases and antimicrobial resistance died on April 11, 2024, aged 76 years. [Read more...](#)

6. [Newsdesk] Research in brief

19-06-2024 - Elsevier

Current influenza vaccines need to be updated annually due to viral antigenic drift therefore, next-generation vaccines should aim to confer broader and longer-lasting protection. Using a mutagenesis approach, researchers in the USA developed an antigenically complex mixture of recombinant haemagglutinins that directed and boosted antibody responses to more conserved regions of the ... [Read more...](#)

7. [Newsdesk] New project to tackle visceral leishmaniasis in Kenya

19-06-2024 - Elsevier

On April 5, two non-profit organisations announced the launch of a project to improve diagnostic testing and treatment for visceral leishmaniasis in Kenya. Sanjeet Bagcchi reports. [Read more...](#)

8. [Newsdesk] Infectious disease surveillance update

19-06-2024 - Elsevier

On May 31, 2024, government authorities in Honduras declared a national health emergency due to the increase in hospitalisations for dengue virus disease and an increase in cases across all

departments. In the Metropolitan Health Region of the Central District, which includes the capital Tegucigalpa, 700 dengue cases were reported in the week leading up to May 31, ... [Read more...](#)

9. [Newsdesk] Global progress report on neglected tropical diseases

19-06-2024 - Elsevier

A new report from WHO describes progress towards the 2030 targets for neglected tropical diseases. Timothy Jesudason reports. [Read more...](#)

10. [Clinical Picture] Tetanus occurrence in a man with diabetes and neuropathy

19-06-2024 - Elsevier

A 70-year-old man with diabetes and neuropathy was transferred to our burn unit from another facility, 1 week after a right foot burn. The patient had end-stage renal disease and was on haemodialysis. His vaccination history could not be confirmed. On admission, vital signs were normal, and examination of the right foot showed necrotic fourth and fifth metatarsals with purulent drainage ... [Read more...](#)

11. [Newsdesk] Avian influenza in cattle in the USA

06-06-2024 - Elsevier

As of May 30, 2024, three people have been diagnosed with a highly pathogenic avian influenza A(H5N1) virus currently circulating in cattle in the USA. Talha Burki reports. [Read more...](#)

12. [Correspondence] Sleeper frameworks for Pathogen X: surveillance, risk stratification, and the effectiveness and safety of therapeutic interventions

03-06-2024 - Elsevier

We have an ethical imperative to learn from recent influenza H1N1 and COVID-19 pandemics to better prepare for the next one. WHO has highlighted the need for surveillance frameworks that can be implemented across states.¹ For any future epidemic or pandemic caused by Pathogen X, there are some core considerations we should act on if we are to be properly prepared. [Read more...](#)

13. [Corrections] Correction to Lancet Infect Dis 2024 published online April 30.

[https://doi.org/10.1016/S1473-3099\(24\)00215-9](https://doi.org/10.1016/S1473-3099(24)00215-9)

23-05-2024 - Elsevier

Ares-Gómez S, Mallah N, Santiago-Pérez M-I, et al. Effectiveness and impact of universal prophylaxis with nirsevimab in infants against hospitalisation for respiratory syncytial virus in Galicia, Spain: initial results of a population-based longitudinal study. Lancet Infect Dis 2024 published online April 30. [https://doi.org/10.1016/S1473-3099\(24\)00215-9](https://doi.org/10.1016/S1473-3099(24)00215-9)—In this Article, ... [Read more...](#)

14. [Media Watch] Managing loss during the COVID-19 pandemic

20-05-2024 - Elsevier

Loss is pervasive, and COVID-19 accentuated its inescapable nature. Loss of life, health, economic security, and social well-being affected us all. Loss and trauma in the COVID-19 era is a collection of essays originally published in the Journal of Loss and Trauma. It is a scholarly resource for practitioners who work with clients enduring COVID-19-related problems, ... [Read more...](#)

15. [Correspondence] Virological characteristics of the SARS-CoV-2 KP.2 variant

20-05-2024 - Elsevier

The JN.1 variant (BA.2.86.1.1), arising from BA.2.86.1 with the S:L455S substitution, showed increased fitness and outcompeted the previous dominant XBB lineage by the beginning of 2024. JN.1 subsequently diversified, leading to the emergence of descendants with spike (S) protein substitutions such as S:R346T and S:F456L. Particularly, the KP.2 (JN.1.11.1.2) variant, a descendant of JN.1. [Read more...](#)

16. [Media Watch] The inequity in reproductive health in Brazil

20-05-2024 - Elsevier

Sometime around August 2015, health care providers in northeastern Brazil noticed an unusual number of babies born with severe microcephaly. A gynaecologist in a hospital in Campino Grande in Paraíba, for example, who would typically expect to see one or two cases a year, suddenly started seeing two or three cases a week. The Brazilian Ministry of Health asked epidemiologist Celina Turchi to ... [Read more...](#)

17. [Media Watch] A measles outbreak in a school

20-05-2024 - Elsevier

Cullen Reese's *The measles outbreak in Manatee Bay: complete story of the breakout, effective prevention, lessons, challenges, and strategies for healthier communities* focuses on a measles outbreak that took place in early 2024 at Manatee Bay Elementary School (Weston, FL, USA). In the follow-up of the outbreak, the book discusses key aspects related to measles, ... [Read more...](#)

18. [Media Watch] A tribute to the elimination of leprosy

20-05-2024 - Elsevier

Elimination of leprosy as a public health problem (prevalence of fewer than one leprosy case per 10 000 people) was attained in the majority of countries by 2010. Still, this neglected tropical disease is found in over 120 countries, with more than 200 000 new cases recorded annually, according to WHO. [Read more...](#)

19. [Corrections] Correction to Lancet Infect Dis 2024 published online April 3.

[https://doi.org/10.1016/S1473-3099\(24\)00142-7](https://doi.org/10.1016/S1473-3099(24)00142-7)

06-05-2024 - Elsevier

Ferrés M, Martínez-Valdebenito C, Henriquez C, et al. Viral shedding and viraemia of Andes virus during acute hantavirus infection: a prospective study. *Lancet Infect Dis* 2024 published online April 3. [https://doi.org/10.1016/S1473-3099\(24\)00142-7](https://doi.org/10.1016/S1473-3099(24)00142-7)—In the Summary of this Article, the Funding line should have read “National Institutes of Health and Agencia de Investigación y Desarrollo”. [Read more...](#)

20. [Comment] Listeria monocytogenes: a rare, deadly cause of peritonitis

09-04-2024 - Elsevier

Invasive listeriosis is one of the most serious foodborne diseases, and can be categorised into three main clinical forms: septicaemic listeriosis, neurolisteriosis, and pregnancy-associated listeriosis.¹ *Listeria monocytogenes*-associated spontaneous bacterial peritonitis is a very rare manifestation of listeriosis, which mostly occurs as a complication of long-standing ascites in patients ... [Read more...](#)

21. [Articles] Listeria monocytogenes-associated spontaneous bacterial peritonitis in France: a nationwide observational study of 208 cases

09-04-2024 - Elsevier

Despite the non-specific and mild presentation of *L. monocytogenes*-associated spontaneous bacterial peritonitis, the outcome is poor and similar to that of neurolisteriosis, and so identification of *L. monocytogenes* in ascitic fluid samples requires urgent parenteral amoxicillin-based treatment to avoid a fatal outcome. [Read more...](#)

22. [Comment] Presence of Andes orthohantavirus in human body fluids

04-04-2024 - Elsevier

Orthohantaviruses belong to emerging zoonotic pathogens of global public health importance that can cause occasional outbreaks, often associated with conflict.^{1–3} These viruses are also categorised as category C pathogens by the US Centers for Disease Control and Prevention, and

could be used as biological weapons, with substantial biosafety and biosecurity implications. [Read more...](#)

23. [Articles] Viral shedding and viraemia of Andes virus during acute hantavirus infection: a prospective study

04-04-2024 - Elsevier

ANDV infection is a systemic and viraemic infection, that affects various organs. The presence of infectious particles in body fluids contributes to our understanding of potential mechanisms for person-to-person transmission, supporting the development of preventive strategies. Detection of ANDV RNA in additional fluids at hospital admission is a predictor of disease severity. [Read more...](#)

24. [Articles] Ad26.ZEBOV, MVA-BN-Filo Ebola virus disease vaccine regimen plus Ad26.ZEBOV booster at 1 year versus 2 years in health-care and front-line workers in the Democratic Republic of the Congo: secondary and exploratory outcomes of an open-label, randomised, phase 2 trial

27-03-2024 - Elsevier

Overall, the vaccine regimen and booster dose were well tolerated. A similar and robust humoral immune response was observed for participants boosted 1 year and 2 years after the first dose, supporting the use of the regimen and flexibility of booster dose administration for prophylactic vaccination in at-risk populations. [Read more...](#)

25. [Comment] Post-tuberculosis lung disease: is there a light at the end of tunnel?

23-03-2024 - Elsevier

On March 24, every year, the world is reminded of the public health tragedy of tuberculosis and urged to take action to enhance efforts to end this disease globally. Although progress has been made, by 2022, over 10 million people had developed the disease and 1·3 million people had died from it.1 Until 2020, when it was overtaken by COVID-19, tuberculosis was the most common cause of death ... [Read more...](#)

26. [Articles] Effect of single-dose, live, attenuated dengue vaccine in children with or without previous dengue on risk of subsequent, virologically confirmed dengue in Cebu, the Philippines: a longitudinal, prospective, population-based cohort study

23-03-2024 - Elsevier

The risk of developing virologically confirmed dengue after a single dose of CYD-TDV varied by baseline DENV serostatus. Since the study assessed the effect of only a single dose, the findings cannot inform decisions on vaccination by public health officers. However, the findings have implications for children who receive an incomplete vaccination regimen and these results should prompt more ... [Read more...](#)

27. [Comment] Mycobacterium tuberculosis transmission: the importance of precision

23-03-2024 - Elsevier

The identification of Mycobacterium tuberculosis as a causal agent of tuberculosis revolutionised the understanding of human diseases by showing that some have an infectious origin. How M tuberculosis spreads remained speculative until pioneering work—including having pulmonary tuberculosis patients cough directly onto guinea pigs—showed transfer of the bacillus to cause disease in a new host. [Read more...](#)

28. [Comment] Single dose of Dengvaxia vaccine: is it a cause for alarm?

23-03-2024 - Elsevier

Dengue, a global health problem, is caused by dengue virus (DENV), of which there are four serotypes (DENV1–4).1 A person infected via a mosquito bite will have no symptoms or show clinical manifestations ranging from dengue fever, a mild flu-like syndrome, to dengue shock

syndrome, a life-threatening condition.² Primary infection with a DENV serotype is usually asymptomatic or manifested as ... [Read more...](#)

29. [Comment] Towards improving the quality and usefulness of GBD tuberculosis estimates

19-03-2024 - Elsevier

We, as co-chairs of the Panel of Experts of the Global Burden of Disease Independent Advisory Committee (GBD IAC)'s Deep Dive into the Institute for Health Metrics and Evaluation (IHME)'s tuberculosis estimates, welcome publication of GBD 2021 Tuberculosis Collaborators' study in The Lancet Infectious Diseases.¹ In the study, the authors estimated age-specific trends in tuberculosis incidence ... [Read more...](#)

30. [Articles] Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease Study 2021

19-03-2024 - Elsevier

Despite accelerated progress in reducing the global burden of tuberculosis in the past decade, the world did not attain the first interim milestones of the WHO End TB Strategy in 2020. The pace of decline has been unequal with respect to age, with older adults (ie, those aged >50 years) having the slowest progress. As countries refine their national tuberculosis programmes and recalibrate for ... [Read more...](#)

31. [Comment] The era of SARS-CoV-2 variants calls for an urgent strategy for COVID-19 vaccination in children

19-03-2024 - Elsevier

With the prolonged circulation of SARS-CoV-2 and the widespread administration of COVID-19 vaccines, the immunity against SARS-CoV-2 in adults is predominantly due to previous variant exposures, vaccination, or both.^{1,2} However, as immunity due to vaccination and previous infection with SARS-CoV-2 wanes, there is a risk of reinfection. Current studies have focused on variant-specific booster ... [Read more...](#)

32. [Articles] Safety and immunogenicity of the co-administered Na-APR-1 and Na-GST-1 hookworm vaccines in school-aged children in Gabon: a randomised, controlled, observer-blind, phase 1, dose-escalation trial

19-03-2024 - Elsevier

Co-administration of recombinant Na-APR-1(M74) and Na-GST-1 to school-aged Gabonese children was well tolerated and induced significant IgG responses. These results justify further evaluation of this antigen combination in proof-of-concept controlled-infection and efficacy studies in hookworm-endemic areas. [Read more...](#)

33. [Comment] A step forward in the journey towards hookworm vaccines

19-03-2024 - Elsevier

Soil-transmitted helminth infections, comprising *Ascaris lumbricoides*, *Trichuris trichiura*, and the two hookworm species *Ancylostoma duodenale* and *Necator americanus*, are responsible for an immense burden on public health.¹ For decades, large-scale distribution of anthelmintic drugs has been the mainstay infection control measure, yet there are a scant number of drugs with only moderate ... [Read more...](#)

34. [Comment] The hidden threat of subclinical tuberculosis

13-03-2024 - Elsevier

Despite the UN's resolution of ending tuberculosis infection by 2035, it remains a major public health challenge. Tuberculosis used to be the leading cause of death in infectious diseases and became the second after COVID-19 during the pandemic. In 2022, there were 7.5 million new tuberculosis cases reported globally and 1.3 million deaths caused by tuberculosis. [Read more...](#)

35. [Articles] Prevalence of subclinical pulmonary tuberculosis in adults in community settings: an individual participant data meta-analysis

13-03-2024 - Elsevier

The majority of people in the community who have pulmonary tuberculosis do not report cough, a quarter report no tuberculosis-suggestive symptoms at all, and a quarter of those not reporting any cough have positive sputum smears, suggesting infectiousness. In high-incidence settings, subclinical tuberculosis could contribute considerably to the tuberculosis burden and to Mycobacterium ... [Read more...](#)

[Back to Top](#)

Microbiology and Molecular Biology Reviews

1. Membrane and organelle rearrangement during ascospore formation in budding yeast

20-06-2024 - American Society for Microbiology

Microbiology and Molecular Biology Reviews, Ahead of Print. [Read more...](#)

[Back to Top](#)

Morbidity and Mortality Weekly Report

1. QuickStats: Percentage of Current Cigarette Smokers Aged ≥ 18 Years Who Received Advice from a Health Professional To Quit Smoking, by Sex and Age Group — United States, 2022

20-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes the percentage of adult cigarette smokers who received cessation advice from a health care professional. [Read more...](#)

2. Successful Distribution of Tecovirimat During the Peak of the Mpox Outbreak — Los Angeles County, June 2022–January 2023

20-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes distribution of tecovirimat in Los Angeles County during the 2022-23 mpox outbreak. [Read more...](#)

3. Findings from the First Year of a Federally Funded, Direct-to-Consumer HIV Self-Test Distribution Program — United States, March 2023–March 2024

20-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes a CDC-funded program that delivered approximately 440,000 HIV self-tests to U.S. residents. [Read more...](#)

4. Loneliness, Lack of Social and Emotional Support, and Mental Health Issues — United States, 2022

20-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes the prevalence of loneliness among U.S. adults. [Read more...](#)

5. Emergency Medical Services Encounters for Firearm Injuries — 858 Counties, United States, January 2019–September 2023

20-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes rates of emergency medical services encounters for firearm injuries in 858 counties. [Read more...](#)

[Back to Top](#)

Nature Reviews Microbiology

1. Pertussis vaccines, epidemiology and evolution

21-06-2024 - *Nature*

Nature Reviews Microbiology, Published online: 21 June 2024 doi:10.1038/s41579-024-01064-8 In this Review, Domenech de Cellès and Rohani explore the contemporary epidemiology of pertussis and discuss the controversies surrounding the mechanisms responsible for the re-emergence of pertussis, including the effectiveness and duration of natural immunity and vaccine-derived immunity, ... [Read more...](#)

2. Bacteria curb emissions in farmland

20-06-2024 - *Nature*

Nature Reviews Microbiology, Published online: 20 June 2024 doi:10.1038/s41579-024-01071-9 In this study, Hiis et al. demonstrate that the N₂O-respiring bacterial strain *Cloacibacterium* sp. CB-01 can reduce nitrous oxide emissions from soil. [Read more...](#)

3. Enterococcus faecium: evolution, adaptation, pathogenesis and emerging therapeutics

19-06-2024 - *Nature*

Nature Reviews Microbiology, Published online: 18 June 2024 doi:10.1038/s41579-024-01058-6 This Review explores recent insights into the evolutionary history, the environmental adaptation and the colonization and dissemination mechanisms of *Enterococcus faecium*, and highlight potential novel preventative and therapeutic approaches to its infections. [Read more...](#)

4. Gassy archaea

19-06-2024 - *Nature*

Nature Reviews Microbiology, Published online: 18 June 2024 doi:10.1038/s41579-024-01072-8 This study shows that archaea produce catalytically active ultraminimal as well as hybrid [FeFe] hydrogenases. [Read more...](#)

[Back to Top](#)

NEJM Journal Watch: Infectious Diseases

1. Even More Studies on Hospital Plumbing and Gram-Negative Bacteria

18-06-2024 - *Massachusetts Medical Society*

Yet another report links ICU-based *Pseudomonas aeruginosa* infection to contaminated sinks a second study suggests an inexpensive intervention. [Read more...](#)

2. Initiation of Empirical Fluconazole or Micafungin for Managing Candidemia?

17-06-2024 - *Massachusetts Medical Society*

In a retrospective cohort study of immunocompromised and severely ill patients with candidemia, illness severity — not initial selection of empirical antifungal therapy — determined clinical outcomes. [Read more...](#)

[Back to Top](#)

UKHSA affiliation

UKHSA Affiliation

1. Examining the stability of viral RNA and DNA in wastewater: Effects of storage time, temperature, and freeze-thaw cycles

22-06-2024 - Ovid

Author Names: Williams R.C.,Perry W.B.,Lambert-Slosarska K.,Futcher B.,Pellett C.,Richardson-O'Neill I.,Paterson S.,Grimsley J.M.S.,Wade M.J.,Weightman A.J.,Farkas K.,Jones D.L. Database Source: Embase Weekly Updates Journal Title: Water Research,Water Research Article Title: Examining the stability of viral RNA and DNA in wastewater: Effects of storage time, temperature, ...
[Read more...](#)

2. DN4 questionnaire as a useful tool for evaluating the pharmacotherapeutic response to opioid pharmacotherapy in malignant neuropathy

22-06-2024 - Ovid

Author Names: Krtinic D.,Rankovic G.N.,Petkovic I.,Cvetanovic A.,Conic I.,Mitic M.T.,Radic M.,Cevrljakovic M.,Golubovic S.T.,Binic I.,Apostolovic M.A.,Jovanovic H.,Trajkovic H.,Milijasevic D.,Mladenovic N.,Lukic R. Database Source: Embase Daily Updates Journal Title: Die Pharmazie Article Title: DN4 questionnaire as a useful tool for evaluating the pharmacotherapeutic response to opioid ...
[Read more...](#)

3. Analysing HCV incidence trends in people who inject drugs using serial behavioural and seroprevalence data: A modelling study

22-06-2024 - Ovid

Author Names: Egan C.,Harris R.J.,Mitchell H.D.,Desai M.,Mandal S.,De Angelis D. Database Source: Embase Weekly Updates Journal Title: International Journal of Drug Policy,International Journal of Drug Policy Article Title: Analysing HCV incidence trends in people who inject drugs using serial behavioural and seroprevalence data: A modelling study Year: 2024 Issue: Volume: Abstract: ...
[Read more...](#)

4. Avoiding a reproducibility crisis in regulatory toxicology-on the fundamental role of ring trials

22-06-2024 - Ovid

Author Names: Jacobs M.N.,Hoffmann S.,Hollnagel H.M.,Kern P.,Kolle S.N.,Natsch A.,Landsiedel R. Database Source: Embase Weekly Updates Journal Title: Archives of Toxicology,Archives of Toxicology Article Title: Avoiding a reproducibility crisis in regulatory toxicology-on the fundamental role of ring trials Year: 2024 Issue: 7 Volume: 98 Abstract: The ongoing transition from chemical hazard ...
[Read more...](#)

5. Phylogenomic insights into the diversity and evolution of Palearctic vipers

22-06-2024 - Ovid

Author Names: Dufresnes C.,Ghielmi S.,Halpern B.,Martinez-Freiria F.,Mebert K.,Jelic D.,Crnobrnja-Isailovic J.,Gippner S.,Jablonski D.,Joger U.,Laddaga L.,Petrovan S.,Tomovic L.,Voros J.,Igci N.,Karis M.,Zinenko O.,Ursenbacher S. Database Source: Embase Weekly Updates Journal Title: Molecular phylogenetics and evolution Article Title: Phylogenomic insights into the diversity and evolution of ...
[Read more...](#)

6. Advancing HER2-low breast cancer management: enhancing diagnosis and treatment strategies

22-06-2024 - Ovid

Author Names: Borstnar S.,Bozovic-Spasojevic I.,Cvetanovic A.,Plavetic N.D.,Konsoulova A.,Matos E.,Popovic L.,Popovska S.,Tomic S.,Vrdoljak E. Database Source: Embase Weekly Updates Journal Title: Radiology and Oncology,Radiology and Oncology Article Title: Advancing HER2-low breast cancer management: enhancing diagnosis and treatment strategies Year: 2024 Issue: 2 Volume: 58 Abstract: ...
[Read more...](#)

7. Linking epidemiological and genomic data in cases of enteric fever in England to inform clinical management and public health action

22-06-2024 - Ovid

Author Names: Buczkowska M., Chattaway M.A., Jenkins C., Hungerford D., Katwa P., Kirkbride H., Hawker J. Database Source: Embase Daily Updates Journal Title: The Journal of antimicrobial chemotherapy Article Title: Linking epidemiological and genomic data in cases of enteric fever in England to inform clinical management and public health action Year: 2024 Issue: Volume: Abstract: OBJECTIVES: To ... [Read more...](#)

8. Study of progesterone complexation in cyclodextrins and cyclodextrin-based nanosponges as an example of solvent-free complexation

22-06-2024 - Ovid

Author Names: Matencio A., Bisericaru D.M., Conesa I., Er-Rahmani S., Pedrazzo A.R., Lopez-Nicolas J.M., Trotta F. Database Source: Embase Weekly Updates Journal Title: Journal of Drug Delivery Science and Technology, Journal of Drug Delivery Science and Technology Article Title: Study of progesterone complexation in cyclodextrins and cyclodextrin-based nanosponges as an example of solvent-free ... [Read more...](#)

9. Community-Acquired Staphylococcus aureus Bacteremia Among People Who Inject Drugs: A National Cohort Study in England, 2017-2020

22-06-2024 - Ovid

Author Names: McGuire E., Collin S.M., Brown C.S., Saito M. Database Source: Embase Weekly Updates Journal Title: Clinical Infectious Diseases, Clinical Infectious Diseases Article Title: Community-Acquired Staphylococcus aureus Bacteremia Among People Who Inject Drugs: A National Cohort Study in England, 2017-2020 Year: 2024 Issue: 6 Volume: 78 Abstract: Background. [Read more...](#)

10. Weight of evidence evaluation of the metabolism disrupting effects of triphenyl phosphate using an expert knowledge elicitation approach

22-06-2024 - Ovid

Author Names: Beausoleil C., Thebault A., Andersson P., Cabaton N.J., Ermler S., Fromenty B., Garoche C., Griffin J.L., Hoffmann S., Kamstra J.H., Kubickova B., Lenters V., Kos V.M., Poupin N., Remy S., Sapounidou M., Zalko D., Legler J., Jacobs M.N., Rousselle C. Database Source: Embase Weekly Updates Journal Title: Toxicology and applied pharmacology Article Title: Weight of evidence evaluation of the ... [Read more...](#)

11. Fertility and Pregnancy-Related Issues in Young BRCA Carriers With Breast Cancer

22-06-2024 - Ovid

Author Names: Magaton I.M., Arecco L., Mariamidze E., Jankovic K., Stana M., Buzzatti G., Trevisan L., Scavone G., Ottonello S., Fregatti P., Massarotti C., von Wolff M., Lambertini M. Database Source: Embase Weekly Updates Journal Title: Breast Cancer: Basic and Clinical Research, Breast Cancer: Basic and Clinical Research Article Title: Fertility and Pregnancy-Related Issues in Young BRCA Carriers With ... [Read more...](#)

12. Diversity of the non-biting midges (Diptera: Chironomidae) in continental salt marshes in Serbia

22-06-2024 - Ovid

Author Names: Stamenkovic O., Cerba D., Durdevic A., Koh M. Database Source: Embase Preprint Journal Title: bioRxiv Article Title: Diversity of the non-biting midges (Diptera: Chironomidae) in continental salt marshes in Serbia Year: 2024 Issue: Volume: Abstract: Continental salt marshes represent specific inland saltwater bodies with unique ecological characteristics a fact that is mirrored by ... [Read more...](#)

13. Nanoformulations in Pharmaceutical and Biomedical Applications: Green Perspectives

22-06-2024 - Ovid

Author Names: Petrovic S.,Bita B.,Barbinta-Patrascu M.-E. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Nanoformulations in Pharmaceutical and Biomedical Applications: Green Perspectives Year: 2024 Issue: 11 Volume: 25 Abstract: This study provides a brief discussion of the major ... [Read more...](#)

14. Associations between BMI and hospital resource use in patients hospitalised for COVID-19 in England: a community-based cohort study

22-06-2024 - Ovid

Author Names: Altunkaya J.,Piernas C.,Pouwels K.B.,Jebb S.A.,Clarke P.,Astbury N.M.,Leal J. Database Source: Embase Daily Updates Journal Title: The Lancet Diabetes and Endocrinology,The Lancet Diabetes and Endocrinology Article Title: Associations between BMI and hospital resource use in patients hospitalised for COVID-19 in England: a community-based cohort study Year: 2024 Issue: 7 Volume: ... [Read more...](#)

15. Designing functionalized nanodiamonds with hyaluronic acid-phospholipid conjugates for enhanced cancer cell targeting and fluorescence imaging capabilities

22-06-2024 - Ovid

Author Names: Sturari S.,Andreana I.,Apra P.,Bincoletto V.,Kopecka J.,Mino L.,Zurletti B.,Stella B.,Riganti C.,Arpicco S.,Piccolo F. Database Source: Embase Weekly Updates Journal Title: Nanoscale Article Title: Designing functionalized nanodiamonds with hyaluronic acid-phospholipid conjugates for enhanced cancer cell targeting and fluorescence imaging capabilities Year: 2024 Issue: Volume: ... [Read more...](#)

16. VITT and Second Doses of Covid-19 Vaccine

22-06-2024 - Ovid

Author Names: Lacy J.,Pavord S.,Brown K.E. Database Source: Embase Weekly Updates Journal Title: New England Journal of Medicine,New England Journal of Medicine Article Title: VITT and Second Doses of Covid-19 Vaccine Year: 2022 Issue: 1 Volume: 386 Abstract: [Read more...](#)

17. Tracking the Emergence of SARS-CoV-2 Alpha Variant in the United Kingdom

22-06-2024 - Ovid

Author Names: Walker A.S.,Vihta K.-D.,Gethings O.,Pritchard E.,Jones J.,House T.,Bell I.,Bell J.I.,Newton J.N.,Farrar J.,Diamond I.,Studley R.,Rourke E.,Hay J.,Hopkins S.,Crook D.,Peto T.,Matthews P.C.,Eyre D.W.,Stoesser N.,Pouwels K.B. Database Source: Embase Weekly Updates Journal Title: New England Journal of Medicine,New England Journal of Medicine Article Title: Tracking the Emergence of ... [Read more...](#)

18. The effects of radiofrequency exposure on adverse female reproductive outcomes: A systematic review of human observational studies with dose-response meta-analysis

22-06-2024 - Ovid

Author Names: Johnson E.E.,Kenny R.P.W.,Adesanya A.M.,Richmond C.,Beyer F.,Calderon C.,Rankin J.,Pearce M.S.,Toledano M.,Craig D.,Pearson F. Database Source: Embase Weekly Updates Journal Title: Environment International,Environment International Article Title: The effects of radiofrequency exposure on adverse female reproductive outcomes: A systematic review of human observational studies ... [Read more...](#)

19. Time for CHANGE: system-level interventions for bringing forward the date of effective use of NAMs in regulatory toxicology

22-06-2024 - Ovid

Author Names: Mathisen G.H., Bearth A., Jones L.B., Hoffmann S., Vist G.E., Ames H.M., Husoy T., Svendsen C., Tsaïoun K., Ashikaga T., Bloch D., Cavoski A., Chiu W.A., Davies H.G., Giusti A., Hartung T., Hirabayashi Y., Hogberg H.T., Joglekar R., Kojima H., Krishnan K., Kwon S., Osborne O.J., Roggen E., Rooney A.A., Rousselle C., Sass J.B., Sepai O., Simanainen U., Thayer K.A., Tong W., Wikoff D., Wright F., Whaley P. [Read more...](#)

20. Large-scale phenotyping of patients with long COVID post-hospitalization reveals mechanistic subtypes of disease

22-06-2024 - *Ovid*

Author Names: Liew F., Efstathiou C., Fontanella S., Swieboda D., Sidhu J.K., Ascough S., Mohamed N., Nunag J., Leavy O.C., Elneima O., McAuley H.J.C., Shikotra A., Sereno M., Harris V.C., Houchen-Wolloff L., Greening N.J., de Silva T.I., Ho A., Chiu C., Turtle L., Evans R.A., Wain L.V., Brightling C., Thwaites R.S., Abel K., Adamali H., Adeloye D., Adeyemi O., Adrego R., Jimenez L.A., Ahmad S., Haider N.A., Ahmed R., Ahwireng N. [Read more...](#)

21. Candida auris: Outbreak, surveillance and epidemiological monitoring in Northern Greece

22-06-2024 - *Ovid*

Author Names: Pouloupoulou Alpha., Sidiropoulou A., Sarmourli T., Zachrou E., Michailidou C., Zarras C., Vagdatli E., Massa E., Mouloudi E., Pyrpasopoulou A., Meletis G., Protonotariou E., Skoura L., Metallidis S., Karampatakis T., Katsifa E., Nikopoulou A., Louka A., Rizou A., Arvaniti K., Kouvelis V., Borman A., Roilides E., Vyzantiadis T.-A. Database Source: Embase Daily Updates Journal Title: Medical mycology ... [Read more...](#)

22. The effects of radiofrequency exposure on male fertility: A systematic review of human observational studies with dose-response meta-analysis

22-06-2024 - *Ovid*

Author Names: PW Kenny R., Evelynne Johnson E., Adesanya A.M., Richmond C., Beyer F., Calderon C., Rankin J., Pearce M.S., Toledano M., Craig D., Pearson F. Database Source: Embase Weekly Updates Journal Title: Environment International, Environment International Article Title: The effects of radiofrequency exposure on male fertility: A systematic review of human observational studies with dose-response ... [Read more...](#)

23. Self-swabbing versus assisted swabbing for viral detection by qRT-PCR: the experience from SARS-CoV-2 based on a meta-analysis of six prospectively designed evaluations conducted in a UK setting

22-06-2024 - *Ovid*

Author Names: Fowler T., Chapman D., Futschik M.E., Tunkel S.A., Blandford E., Turek E., Kolade O., da Cunha S.S., Dodgson A., Klapper P., Sudhanva M., Davies L., Hill S., Hopkins S., Peto T. Database Source: Embase Weekly Updates Journal Title: European Journal of Clinical Microbiology and Infectious Diseases, European Journal of Clinical Microbiology and Infectious Diseases Article Title: Self-swabbing ... [Read more...](#)

24. Prevalence and identification of irregular erythrocyte antibodies in voluntary blood donors in the territory of Southeast Serbia

22-06-2024 - *Ovid*

Author Names: Randjelovic M., Velickovic A., Vojinovic J., Stanojkovic Z. Database Source: Embase Weekly Updates Journal Title: Vojnosanitetski Pregled, Vojnosanitetski Pregled Article Title: Prevalence and identification of irregular erythrocyte antibodies in voluntary blood donors in the territory of Southeast Serbia, Prevalencija i identifikacija iregularnih eritrocitnih antitela kod ... [Read more...](#)

25. Exploring real-world vancomycin target attainment in neonatal intensive care in the context of Staphylococcal infections: a retrospective observational cohort study

22-06-2024 - Ovid

Author Names: Blank M.,Wilson R.C.,Wan Y.,Peters J.,Davies F.,Tyszczyk L.,Pichon B.,Riezk A.,Demirjian A.,Brown C.S.,Gilchrist M.,Holmes A.H.,Rawson T.M. Database Source: Embase Weekly Updates Journal Title: Journal of Infection,Journal of Infection Article Title: Exploring real-world vancomycin target attainment in neonatal intensive care in the context of Staphylococcal infections: a ... [Read more...](#)

26. A scoping review of behavioural science approaches and frameworks for health protection and emergency response

22-06-2024 - Ovid

Author Names: Zelenka Martin A.,Weston D.,Kesten J.M.,French C.E. Database Source: Embase Weekly Updates Journal Title: Perspectives in Public Health,Perspectives in Public Health Article Title: A scoping review of behavioural science approaches and frameworks for health protection and emergency response Year: 2024 Issue: Volume: Abstract: Aims: Rapid intervention development, implementation, ... [Read more...](#)

27. Serotype and genomic diversity of dengue virus during the 2023 outbreak in Pakistan reveals the circulation of genotype III of DENV-1 and cosmopolitan genotype of DENV-2

22-06-2024 - Ovid

Author Names: Jamal Z.,Haider S.A.,Hakim R.,Humayun F.,Farooq M.U.,Ammar M.,Afrough B.,Inamdar L.,Salman M.,Umair M. Database Source: Embase Weekly Updates Journal Title: Journal of Medical Virology,Journal of Medical Virology Article Title: Serotype and genomic diversity of dengue virus during the 2023 outbreak in Pakistan reveals the circulation of genotype III of DENV-1 and cosmopolitan ... [Read more...](#)

28. MAKE ME A LEADER - THE PODCAST

22-06-2024 - Ovid

Author Names: Dalal F.,Sharma S.,Oguntimehin J. Database Source: Embase Weekly Updates Journal Title: BMJ Leader Article Title: MAKE ME A LEADER - THE PODCAST Year: 2024 Issue: Supplement 1 Volume: 8 Abstract: Introduction As three national medical directors' clinical fellows 2023/24, we have a unified goal: to become better clinical leaders. The fellowship is managed by the Faculty of ... [Read more...](#)

29. The global state of disease surveillance and delivering the Pandemic Accord

22-06-2024 - Ovid

Author Names: Squires N.,Hanefeld J. Database Source: Embase Weekly Updates Journal Title: Public Health,Public Health Article Title: The global state of disease surveillance and delivering the Pandemic Accord Year: 2024 Issue: Volume: 233 Abstract: [Read more...](#)

30. Temporal variations in international air travel: implications for modelling the spread of infectious diseases

22-06-2024 - Ovid

Author Names: Wardle J.,Bhatia S.,Cori A.,Nouvellet P. Database Source: Embase Weekly Updates Journal Title: Journal of Travel Medicine,Journal of Travel Medicine Article Title: Temporal variations in international air travel: implications for modelling the spread of infectious diseases Year: 2024 Issue: 4 Volume: 31 Abstract: Background: The international flight network creates multiple ... [Read more...](#)

31. Matrix Remodeling Enzymes as Potential Fluid Biomarkers of Neurodegeneration in Alzheimer's Disease

22-06-2024 - Ovid

Author Names: Basic J.,Milosevic V.,Djordjevic B.,Stojiljkovic V.,Zivanovic M.,Stefanovic N.,Aracki Trenkic A.,Stojanov D.,Jevtovic Stoimenov T.,Stojanovic I. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Matrix Remodeling Enzymes as Potential Fluid Biomarkers of Neurodegeneration in ... [Read more...](#)

32. Sex differences in the prognostic value of computed tomography pulmonary angiography parameters for intrahospital acute pulmonary embolism-related death

22-06-2024 - Ovid

Author Names: Sekulic J.B.,Sekulic I.,Dzudovic B.,Subotic B.,Salinger S.,Matijasevic J.,Kovacevic T.,Mitevska I.,Miloradovic V.,Neskovic A.,Obradovic S. Database Source: Embase Weekly Updates Journal Title: Vojnosanitetski Pregled,Vojnosanitetski Pregled Article Title: Sex differences in the prognostic value of computed tomography pulmonary angiography parameters for intrahospital acute ... [Read more...](#)

33. The impact and cost-effectiveness of pneumococcal immunisation strategies for the elderly in England

22-06-2024 - Ovid

Author Names: Danelian G.,Burton L.,Bayley T.,Sanchez-Marroquin A.,Park J.,Manley H.,Choi Y.,Andrews N.,Ladhani S.,Earnshaw A.,Gritzfeld J.F.,Trotter C.,Panovska-Griffiths J. Database Source: Embase Weekly Updates Journal Title: Vaccine,Vaccine Article Title: The impact and cost-effectiveness of pneumococcal immunisation strategies for the elderly in England Year: 2024 Issue: 18 Volume: 42 ... [Read more...](#)

34. Sleeper frameworks for Pathogen X: surveillance, risk stratification, and the effectiveness and safety of therapeutic interventions

22-06-2024 - Ovid

Author Names: de Lusignan S.,Shi T.,Fowler T.,Andrews N.,Todkill D.,Gu X.,Meza-Torres B.,Robertson C.,Sheikh A. Database Source: Embase Daily Updates Journal Title: The Lancet Infectious Diseases,The Lancet Infectious Diseases Article Title: Sleeper frameworks for Pathogen X: surveillance, risk stratification, and the effectiveness and safety of therapeutic interventions Year: 2024 Issue: 7 ... [Read more...](#)

[Back to Top](#)