



Infection Current Awareness Update

25/03/2024

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.

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UKHSA affiliated authors

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Infection-related guidance

European Centre for Disease Prevention and Control

[Communicable disease threats report, 17-23 March 2024, week 12](#)

22 Mar 2024

This issue of the ECDC Communicable Disease Threats Report (CDTR) the period 17-23 March 2024 and includes updates on SARS-CoV-2 variant classification, hepatitis A, pertussis, invasive Group A streptococcal infection, chikungunya, dengue, poliomyelitis, western equine encephalitis and cholera.

[Multi-country outbreak of Salmonella Mbandaka ST413 linked to consumption of chicken meat products in the EU/EEA and the UK – first update](#)

21 Mar 2024

A cross-border outbreak of Salmonella Mbandaka ST413 has been ongoing in the European Union/European Economic Area (EU/EEA) and the United Kingdom (UK) for over two years since September 2021.

[The cascade-of-care for tuberculosis infection in low-incidence countries – a scoping review protocol](#)

21 Mar 2024

The purpose of this scoping review is to describe and summarise the rationale behind and methodological approaches used to conduct cascade-of-care analyses for TB infection in low-TB incidence countries.

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Infection-related journals

American Journal of Infection Control

[Letter in response to the letter submitted by Warye et al \(AAMI\) criticizing the article by Sylvia Garcia-Houchins](#)

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Dear Editors,

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Patricia Stone, PhD.

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[Unraveling the Epidemiology of Urinary Tract Infections in Neonates: Perspective from a Brazilian NICU](#)

18 Mar 2024

Urinary tract infections (UTI) can lead to neonatal complications like sepsis, worsened by empirical treatment, contributing to antimicrobial resistance (AMR). This study examined the

incidence, etiology, risk factors, and antimicrobial susceptibility of uropathogens in a Neonatal Intensive Care Unit (NICU) in Brazil.

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Clinical Infectious Diseases - Advance Access

Treatment of multidrug-resistant or rifampicin-resistant tuberculosis with an all-oral 9-month regimen containing linezolid or ethionamide in South Africa: A retrospective cohort study

25 Mar 2024

Point of care testing for hepatitis C in the priority settings of mental health, prisons and drug & alcohol facilities – the PROMPt Study

21 Mar 2024

A Human Immunodeficiency Virus Superinfection Diagnosed in a Patient on Intramuscular Long-acting Combination of Cabotegravir and Rilpivirine

21 Mar 2024

Point-of-care testing for hepatitis C infection: A critical building block for the foundation to achieve elimination

21 Mar 2024

Drivers of Geographic Patterns in Outpatient Antibiotic Prescribing in the United States

21 Mar 2024

Contemporary Management of Staphylococcus aureus Bacteremia: Some Additional Considerations for Clinicians

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The Arrivals Gate at Heathrow Airport

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Firsts

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GLP-1 Receptor Agonists Promote Weight Loss Among People with HIV

19 Mar 2024

Methodological Issues in a Retrospective Study on Short-course Antibiotic Therapy for Pseudomonas aeruginosa Bloodstream Infections in China

19 Mar 2024

Risk of antimicrobial resistance with doxy-PEP is real, as is the need for its well-Informed implementation

19 Mar 2024

We should not downplay the risks that doxycycline PEP will select for AMR

19 Mar 2024

Effect of Exercise Training on Prognosis in Community-Acquired Pneumonia: A Randomised Controlled Trial

18 Mar 2024

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Clinical Infectious Diseases - Current Issue

Executive Summary: State-of-the-Art Review: Use of Antimicrobials at the End of Life

20 Mar 2024

Daniel Karlin and others Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages 493–495, <https://doi.org/10.1093/cid/ciad737> Extract View article

Our Parents Were Never Home: Seeing the Pandemic Through Children's Eyes

20 Mar 2024

Giovanni E Marcelin and others Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages 499–500, <https://doi.org/10.1093/cid/ciad564> The coronavirus disease 2019 pandemic has taken an unbearable toll on people and families across the globe, with millions dead and hundreds of millions affected in profound ways

Just Breathe: My First 12 Hours as a Clinician Patient With COVID-19

20 Mar 2024

Nichole N Regan Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages 503–504, <https://doi.org/10.1093/cid/ciad573> Extract View article

Is Short-Course Antibiotic Therapy Suitable for Pseudomonas aeruginosa Bloodstream Infections in Onco-hematology Patients With Febrile Neutropenia? Results of a Multi-institutional Analysis

20 Mar 2024

Xiaomeng Feng and others Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages 518–525, <https://doi.org/10.1093/cid/ciad605> In this study, short-course antibiotic therapy was non-inferior to prolonged-course therapy in terms of clinical outcomes in part of onco-hematological patients with Pseudomonas aeruginosa (PA) bloodstream infections (BSI) and neutropenia febrile, with the

Raising AWARe-ness of Antimicrobial Stewardship Challenges in Pediatric Emergency Care: Results from the PERFORM Study Assessing Consistency and Appropriateness of Antibiotic Prescribing Across Europe

20 Mar 2024

Laura Kolberg and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 526–534, <https://doi.org/10.1093/cid/ciad615> Differentiating bacterial or viral etiology of febrile illness on initial presentation is challenging

Clinical Outcomes of Patients With Nontyphoidal Salmonella Infections by Isolate Resistance—Foodborne Diseases Active Surveillance Network, 10 US Sites, 2004–2018

20 Mar 2024

Louise K Francois Watkins and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 535–543, <https://doi.org/10.1093/cid/ciad631> This article investigates the association between antimicrobial resistance and clinical outcomes in US patients with Salmonella infections

Treatment for First Cytomegalovirus Infection Post–Hematopoietic Cell Transplant in the AURORA Trial: A Multicenter, Double-Blind, Randomized, Phase 3 Trial Comparing Maribavir With Valganciclovir

20 Mar 2024

Genovefa A Papanicolaou and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 562–572, <https://doi.org/10.1093/cid/ciad709> Noninferiority of maribavir to valganciclovir was not met for the primary endpoint of CMV viremia clearance at study week 8

Clinical Impact of Multiplex Molecular Diagnostic Testing in Children With Acute Gastroenteritis Presenting to an Emergency Department: A Multicenter Prospective Study

20 Mar 2024

Andrew T Pavia and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 573–581, <https://doi.org/10.1093/cid/ciad710> Limited data exist on the impact of sensitive multiplex molecular panels for gastroenteritis

Don't Put Off Until Tomorrow What You Can Do Today: Hospital Admissions as an Opportunity to Treat Hepatitis C

20 Mar 2024

Sarah E Rowan and David L Wyles *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 591–593, <https://doi.org/10.1093/cid/ciad712> Extract View article

SARS-CoV-2 Infection and Postacute Risk of Non–Coronavirus Disease 2019 Infectious Disease Hospitalizations: A Nationwide Cohort Study of Danish Adults Aged ≥50 Years

20 Mar 2024

Niklas Worm Andersson and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 603–612, <https://doi.org/10.1093/cid/ciad531> In this nationwide register-based cohort study of 2 430 694 Danish adults aged ≥50 years, we found no support for a persisting increased susceptibility to clinically significant non-COVID-19 infectious disease resulting in hospitalization following

Timing and Predictors of Loss of Infectivity Among Healthcare Workers With Mild Primary and Recurrent COVID-19: A Prospective Observational Cohort Study

20 Mar 2024

Stefania Dzieciolowska and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 613–624, <https://doi.org/10.1093/cid/ciad535> Among 121 individuals with COVID-19, viral culture positivity decreased from 72% on day 5 of infection to 18% on

day 10. Predictors of loss of infectivity included a history of previous infection and a RT-PCR cycle threshold value >27

Early Mortality After the First Dose of COVID-19 Vaccination: A Target Trial Emulation

20 Mar 2024

Kevin W McConeghy and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 625–632, <https://doi.org/10.1093/cid/ciad604> We conducted a target trial emulation to assess vaccine safety and risk of mortality in the 60 days after the first dose of coronavirus disease 2019 vaccination. All-cause risk of death in vaccinated versus no vaccination was similar up to day 60

Human Disease due to *Mycobacterium bovis* Linked to Free-Ranging Deer in Michigan

20 Mar 2024

James Sunstrum and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 637–645, <https://doi.org/10.1093/cid/ciae009> *Mycobacterium bovis* is endemic among free-ranging deer in northern lower Michigan, with spillover to cattle and now humans. Four recent human cases illustrate the need for enhanced mitigation measures using a One-Health approach

Low CD4 Count or Being Out of Care Increases the Risk for Mpox Hospitalization Among People With Human Immunodeficiency Virus and Mpox

20 Mar 2024

David C Philpott and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 651–654, <https://doi.org/10.1093/cid/ciad482> Abstract View article Supplementary data

Evaluation of the 2023 Duke-ISCVID and 2023 Duke-ESC Clinical Criteria for the Diagnosis of Infective Endocarditis in a Multicenter Cohort of Patients With *Staphylococcus aureus* Bacteremia

20 Mar 2024

Matthaios Papadimitriou-Olivgeris and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 655–662, <https://doi.org/10.1093/cid/ciae003> The 2023 Duke-ESC and Duke-ISCVID clinical criteria showed higher sensitivity (82% and 81%, respectively) compared to 2015 Duke-ESC (75%) for *S. aureus* endocarditis

Eyes Wide Shut: A Cohort Study Questioning the Role of Fundoscopy in Infective Endocarditis Diagnosis

20 Mar 2024

Elisavet Stavropoulou and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 663–666, <https://doi.org/10.1093/cid/ciae067> Fundoscopy among patients with suspected infective endocarditis detected ocular embolic events and Roth spots in 5% of episodes each but failed to substantially reclassify patients according to Duke criteria, suggesting that universal fundoscopy for

False-Reactive Fourth-Generation Human Immunodeficiency Virus Testing in Cancer Patients

20 Mar 2024

Chia-Yu Chiu and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 674–680, <https://doi.org/10.1093/cid/ciad608> False-reactive human

immunodeficiency virus (HIV) test results occur in one-third of cancer patients, especially those who are female, aged >60 years, and treated with plant alkaloids

Two-Year Incidence and Cumulative Risk and Predictors of Anal High-Grade Squamous Intraepithelial Lesions (Anal Precancer) Among Women With Human Immunodeficiency Virus

20 Mar 2024

Elizabeth A Stier and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 681–689, <https://doi.org/10.1093/cid/ciad614> Women with human immunodeficiency virus (HIV) have a high incidence of anal high-grade squamous intraepithelial lesions (HSIL)

Evolution of CD4 T-Cell Count With Age in a Cohort of Young People Growing Up With Perinatally Acquired Human Immunodeficiency Virus

20 Mar 2024

Hannah Castro and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 690–701, <https://doi.org/10.1093/cid/ciad626> Young people with human immunodeficiency virus who started antiretroviral therapy before age 10 years and had a nadir CD4 z score <-4 in childhood, had a decline in CD4 count after age 10 steeper than that of the general population

Twice-Daily Dosing of Dolutegravir in Infants on Rifampicin Treatment: A Pharmacokinetic Substudy of the EMPIRICAL Trial

20 Mar 2024

Tom G Jacobs and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 702–710, <https://doi.org/10.1093/cid/ciad656> Dolutegravir trough concentrations in plasma were adequate for infants with human immunodeficiency virus receiving dolutegravir twice daily with rifampicin following World Health Organization weight-band dosing recommendations and comparable to trough

Delayed Mortality Among Solid Organ Transplant Recipients Hospitalized for COVID-19

20 Mar 2024

Madeleine R Heldman and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 711–718, <https://doi.org/10.1093/cid/ciac159> Abstract View article Supplementary data

Recent Travel and Tuberculosis in Migrants: Data From a Low-Incidence Country

20 Mar 2024

Alvaro Schwalb and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 742–745, <https://doi.org/10.1093/cid/ciad672> Abstract View article Supplementary data

Febrile Phase Soluble Urokinase Plasminogen Activator Receptor and Olfactomedin 4 as Prognostic Biomarkers for Severe Dengue in Adults

20 Mar 2024

Andrew Teo and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 788–796, <https://doi.org/10.1093/cid/ciad637> Dengue cases are expected to increase

and can overwhelm healthcare facilities during outbreaks. Current acute phase biomarkers to predict severe dengue lack reliability

An Unusual Case of Cellulitis in a Patient With Systemic Lupus Erythematosus

20 Mar 2024

Alex Rivero and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 797–799, <https://doi.org/10.1093/cid/ciad717> Extract View article

Is Same-Day Antiretroviral Therapy Initiation Beneficial? Methodological Aspects when Comparing Observational and Randomized Studies

20 Mar 2024

Michael Schomaker and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 800–801, <https://doi.org/10.1093/cid/ciad459> Extract View article

Pulmonary Artery Aneurysms: Mycotic or Mycobacterial?

20 Mar 2024

Valliappan Muthu and Ritesh Agarwal *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 805–806, <https://doi.org/10.1093/cid/ciad554> Extract View article

Correction to: Estimated Prevalence and Awareness of Hepatitis C Virus Infection Among US Adults: National Health and Nutrition Examination Survey, January 2017–March 2020

20 Mar 2024

Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages 807–808, <https://doi.org/10.1093/cid/ciad783> Extract View article

Correction to: Shifting Tides: Is It Time to Embrace Adjunctive Corticosteroids for Community-Acquired Pneumonia?

20 Mar 2024

Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Page 809, <https://doi.org/10.1093/cid/ciae092> Extract View article

In the Literature

20 Mar 2024

Clinical Infectious Diseases, Volume 78, Issue 3, 15 March 2024, Pages i–iv, <https://doi.org/10.1093/cid/ciae107> Extract View article

Growing Up COVID

20 Mar 2024

Morgan M Goheen *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 496–498, <https://doi.org/10.1093/cid/ciad563> Extract View article

What Did I Miss?

20 Mar 2024

Tara Vijayan *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 501–502, <https://doi.org/10.1093/cid/ciad572> Extract View article

Improving Sepsis Outcomes in the Era of Pay-for-Performance and Electronic Quality Measures: A Joint IDSA/ACEP/PIDS/SHEA/SHM/SIDP Position Paper

20 Mar 2024

Chanu Rhee and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 505–513, <https://doi.org/10.1093/cid/ciad447> This multidisciplinary position paper describes why the Centers for Medicare & Medicaid Services (CMS) should retire the Severe Sepsis/Septic Shock Management Bundle (SEP-1) measure rather than make it pay-for-performance and provides recommendations to improve

US Guidelines Fall Short on Short-Course Tuberculosis-Preventive Therapy

20 Mar 2024

Sonya Krishnan and Richard E Chaisson *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 514–517, <https://doi.org/10.1093/cid/ciad659> Abstract View article

Brain Abscess Caused by Oral Cavity Bacteria: A Nationwide, Population-based Cohort Study

20 Mar 2024

Jacob Bodilsen and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 544–553, <https://doi.org/10.1093/cid/ciad678> Brain abscess due to oral cavity bacteria often occurs in healthy individuals for unknown reasons with high risks of unfavorable outcome. Important prognostic factors include rupture of brain abscess and immunocompromise

Bartonella quintana Endocarditis: A Systematic Review of Individual Cases

20 Mar 2024

Carl Boodman and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 554–561, <https://doi.org/10.1093/cid/ciad706> Bartonella quintana is a louse-borne cause of endocarditis with a global distribution, disproportionately affecting marginalized populations that experience diagnostic delays

Opportunistic Treatment of Hepatitis C Infection Among Hospitalized People Who Inject Drugs (OPPORTUNI-C): A Stepped Wedge Cluster Randomized Trial

20 Mar 2024

Håvard Midgard and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 582–590, <https://doi.org/10.1093/cid/ciad711> Opportunistic HCV treatment among hospitalized people who inject drugs was superior to a referral-based standard of care in terms of treatment initiation and completion. The intervention was effective in all subgroups

Socioeconomic and Demographic Risk Factors for SARS-CoV-2 Seropositivity Among Healthcare Workers in a UK Hospital: A Prospective Cohort Study

20 Mar 2024

Tanya Lam and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 594–602, <https://doi.org/10.1093/cid/ciad522> This London-based prospective cohort study demonstrated an increased risk of SARS-CoV-2 seropositivity in healthcare workers reporting difficulty accessing sick leave, living in overcrowded housing, and/or of Black ethnicity, highlighting the effect of

Comparison of Bivalent and Monovalent mRNA Vaccine Boosters

20 Mar 2024

Carlos K H Wong and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 633–636, <https://doi.org/10.1093/cid/ciad519> Abstract View article Supplementary data

First Known Human Death After Infection With the Avian Influenza A/H3N8 Virus: Guangdong Province, China, March 2023

20 Mar 2024

Yali Zhuang and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 646–650, <https://doi.org/10.1093/cid/ciad462> Abstracts View article Supplementary data

Adverse Pregnancy Outcomes Among Women with Human Immunodeficiency Virus Taking Isoniazid Preventive Therapy During the First Trimester

20 Mar 2024

Amita Gupta and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 667–673, <https://doi.org/10.1093/cid/ciad583> Tuberculosis (TB) prevention using isoniazid is recommended for people with human immunodeficiency virus (HIV), yet safety during pregnancy is uncertain

Association of Cytomegalovirus (CMV) DNAemia With Long-Term Mortality in a Randomized Trial of Preemptive Therapy and Antiviral Prophylaxis for Prevention of CMV Disease in High-Risk Donor Seropositive, Recipient Seronegative Liver Transplant Recipients

20 Mar 2024

Lakshin Kumar and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 719–722, <https://doi.org/10.1093/cid/ciad643> Abstracts View article Supplementary data

Evidence for Tuberculosis in Individuals With Xpert Ultra “Trace” Sputum During Screening of High-Burden Communities

20 Mar 2024

Joowhan Sung and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 723–729, <https://doi.org/10.1093/cid/ciad595> Trace-positive Xpert Ultra results are common during tuberculosis screening. Comprehensive evaluation showed that 24% of 92 people with trace-positive Ultra results had microbiologically confirmable tuberculosis

The Safety and Tolerability of Linezolid in Novel Short-Course Regimens Containing Bedaquiline, Pretomanid, and Linezolid to Treat Rifampicin-Resistant Tuberculosis: An Individual Patient Data Meta-analysis

20 Mar 2024

Tasnim Hasan and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 730–741, <https://doi.org/10.1093/cid/ciad653> Different bedaquiline, pretomanid, and linezolid-containing regimens from recently published clinical trials for the treatment of drug-resistant tuberculosis are compared

Vaccine Effectiveness Against Pediatric Influenza-A–Associated Urgent Care, Emergency Department, and Hospital Encounters During the 2022–2023 Season: VISION Network

20 Mar 2024

Katherine Adams and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 746–755, <https://doi.org/10.1093/cid/ciad704> Among pediatric acute respiratory illness–associated encounters during the 2022–2023 influenza season, vaccine effectiveness was 48% (95% confidence interval [CI], 44–52%) against emergency department/urgent care encounters and 40% (95% CI, 6–61%) against

Pharmacokinetics and Optimal Dosing of Levofloxacin in Children for Drug-Resistant Tuberculosis: An Individual Patient Data Meta-Analysis

20 Mar 2024

Yasmine N White and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 756–764, <https://doi.org/10.1093/cid/ciae024> Most children receiving levofloxacin for the treatment or prevention of rifampicin- and multidrug-resistant tuberculosis at currently recommended doses will not achieve adult-matched exposures

Influenza Hospitalization Burden by Subtype, Age, Comorbidity, and Vaccination Status: 2012–2013 to 2018–2019 Seasons, Quebec, Canada

20 Mar 2024

Sara Carazo and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 765–774, <https://doi.org/10.1093/cid/ciad627> This hospital-based study involving systematic polymerase chain reaction testing over 7 seasons revealed important differences in influenza hospitalization risk by subtype, age, comorbidity, and vaccination status, highlighting the need for data-driven

Plasma Microbial Cell-Free DNA Sequencing in Immunocompromised Patients With Pneumonia: A Prospective Observational Study

20 Mar 2024

Stephen P Bergin and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 775–784, <https://doi.org/10.1093/cid/ciad599> In this prospective multicenter observational study of immunocompromised patients undergoing bronchoscopy, plasma microbial cell-free DNA sequencing exclusively identified an adjudicated pneumonia etiology in 12

Plasma Cell-Free DNA Metagenomic Sequencing: New Insights From the PICKUP Study

20 Mar 2024

Kimberly E Hanson and Angela M Caliendo *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 785–787, <https://doi.org/10.1093/cid/ciad600> Extract View article

Predictors of Severe Acute Respiratory Syndrome Coronavirus 2 Infection: Is There a Comprehensive Analysis?

20 Mar 2024

Wen Tang and Hong-Lin Chen *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Page 800, <https://doi.org/10.1093/cid/ciac099> Extract View article

Is Higher Adherence Required for Women Using Oral Emtricitabine/Tenofovir Disoproxil Fumarate for Human Immunodeficiency Virus Preexposure Prophylaxis?

20 Mar 2024

Xin Niu and Paul K Drain *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 801–802, <https://doi.org/10.1093/cid/ciad485> Extract View article

Reply to Niu and Drain

20 Mar 2024

Peter L Anderson and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 802–803, <https://doi.org/10.1093/cid/ciad486> Extract View article

Total Antimicrobial Consumption in Doxycycline Postexposure Prophylaxis Cohorts and the Intensity of Screening for Bacterial Sexually Transmitted Infections

20 Mar 2024

Thibaut Vanbaelen and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages 803–805, <https://doi.org/10.1093/cid/ciad553> Extract View article

State-of-the-Art Review: Use of Antimicrobials at the End of Life

20 Mar 2024

Daniel Karlin and others *Clinical Infectious Diseases*, Volume 78, Issue 3, 15 March 2024, Pages e27–e36, <https://doi.org/10.1093/cid/ciad735> Abstract View article

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Clinical Microbiology and Infection

Phage resistance in *Klebsiella pneumoniae* and bidirectional effects impacting antibiotic susceptibility

24 Mar 2024

Publication date: Available online 22 March 2024
Source: *Clinical Microbiology and Infection*
Author(s): Sue C. Nang, Jing Lu, Heidi H. Yu, Hasini Wickremasinghe, Mohammad A.K. Azad, Meiling Han, Jinxin Zhao, Gauri Rao, Phillip J. Bergen, Tony Velkov, Norelle Sherry, David T. McCarthy, Saima Aslam, Robert T. Schooley, Benjamin P. Howden, Jeremy J. Barr, Yan Zhu, Jian Li

Gut microbiome diversity and composition in individuals with and without extended-spectrum β -lactamase-Producing enterobacterales carriage: a matched case-control study in infectious diseases department

24 Mar 2024

Publication date: Available online 23 March 2024
Source: *Clinical Microbiology and Infection*
Author(s): Anders Boyd, Mariam El Dani, Roula Ajrouche, Vanessa Demontant, Justine Cheval, Karine Lacombe, Guillaume Cosson, Christophe Rodriguez, Jean-Michel Pawlotsky, Paul-Louis Woerther, Laure Surgers

Epidemiology of *Escherichia coli* bloodstream infection antimicrobial resistance trends across South West England during the first two years of the coronavirus disease 2019 pandemic response

24 Mar 2024

Publication date: Available online 23 March 2024 Source: Clinical Microbiology and Infection Author(s): J. Stanley, B. Sullivan, A.W. Dowsey, K. Jones, C.R. Beck

Cerebellar phaeohyphomycosis: a dark enigma

24 Mar 2024

Publication date: Available online 22 March 2024 Source: Clinical Microbiology and Infection Author(s): Neha Bhardwaj, Ashish Aggarwal, Harsimran Kaur, Shivaprakash M. Rudramurthy, Kirti Gupta

A prospective multicenter evaluation of BioFire® Joint Infection Panel for the rapid microbiological documentation of acute arthritis

24 Mar 2024

Publication date: Available online 23 March 2024 Source: Clinical Microbiology and Infection Author(s): Gaillard Tiphaine, Dupieux-Chabert Céline, Roux Anne-Laure, Tessier Eve, Boutet-Dubois Adeline, Courboules Camille, Corvec Stéphane, Bémer Pascale, Lavigne Jean-Philippe, El Sayed Faten, Marchandin Hélène, Munier Clément, Chanard Emmanuel, Gazzano Vincent, Loiez Caroline, Laurent Frédéric

Dual β -lactam therapy to improve treatment outcome in Mycobacterium abscessus disease

24 Mar 2024

Publication date: Available online 23 March 2024 Source: Clinical Microbiology and Infection Author(s): Marta Pozuelo Torres, Jakko van Ingen

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

24 Mar 2024

Publication date: Available online 23 March 2024 Source: Clinical Microbiology and Infection Author(s): Joël Coste, Cyrille Delpierre, Jean-Baptiste Richard, Caroline Alleaume, Anne Gallay, Sarah Tebeka, Cédric Lemogne, Olivier Robineau, Olivier Steichen, Tatjana T. Makovski

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

24 Mar 2024

Publication date: Available online 23 March 2024 Source: Clinical Microbiology and Infection Author(s): Shang-Yi Lin, Ho-Yin Huang, Lin-Li Chang, Ya-Ling Wang, Tun-Chieh Chen, Ko Chang, Hung-Pin Tu, Po-Liang Lu

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Practical Guidance for Clinical Microbiology Laboratories: Microbiologic diagnosis of implant-associated infections

20 Mar 2024

Clinical Microbiology Reviews, Ahead of Print.

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Current Opinion in Microbiology

Host determinants and responses underlying SARS-CoV-2 liver tropism

24 Mar 2024

Publication date: June 2024 Source: Current Opinion in Microbiology, Volume 79 Author(s): Natalie Heinen, Mara Klöhn, Saskia Westhoven, Richard JP Brown, Stephanie Pfaender

The expanding universe of contractile injection systems in bacteria

24 Mar 2024

Publication date: June 2024 Source: Current Opinion in Microbiology, Volume 79 Author(s): Lin Lin

Upping the ante: enhanced expression of interferon-antagonizing ORF6 and ORF9b proteins by SARS-CoV-2 variants of concern

22 Mar 2024

Publication date: June 2024 Source: Current Opinion in Microbiology, Volume 79 Author(s): Allen Caobi, Mohsan Saeed

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Diagnostic Microbiology and Infectious Disease

Influence factors of metagenomic next-generation sequencing negative results in diagnosed patients with spinal infection

20 Mar 2024

Publication date: Available online 19 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Qi-Chen Zhang, Juan Li, Qian-Yi Zhang, Tao Wu, Jian Zhou, Xiao-Gang Zhou, Li-Bo Jiang, Jian Dong, Xi-Lei Li

Sucrose-fermenting *Salmonella Typhimurium* N23-2364: a challenge for the diagnostic laboratory

20 Mar 2024

Publication date: Available online 20 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Marc J.A. Stevens, Magdalena Nüesch-Inderbinen, Jule Anna Horlbog, Andrea Diethelm, Roger Stephan

Letter to the editor about the strategy for performing treponemal tests in reverse-sequence algorithms of syphilis diagnosis: establishment of a Threshold for Automated Treponemal Screening Tests using the Elecsys Syphilis Assay (Roche Diagnostics, Mannheim, Germany).

19 Mar 2024

Publication date: Available online 19 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Sara Cherkaoui, Sigi Van den Wijngaert, Hafid Dahma, Delphine Martiny

Extensively Drug-Resistant Salmonella Typhi Leading to Relapsed Urinary Tract Infection: A Case Report

19 Mar 2024

Publication date: Available online 19 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Muhammad Yasir, Muzeer Ahmed, Muhammad Ateeb Sheikh, Ayesha Saleem, Waqas Siddiqui, Hassan Aziz, Abdul Nafey Kazi, Lubna Iqbal Abbasi, Muhammad Junaid Patel

Rapid identification, fluconazole and micafungin susceptibility testing of Candida species from blood culture by a short incubation method.

19 Mar 2024

Publication date: Available online 19 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Ândrea Celestino de Souza, Dariane Castro Pereira, Patricia Orlandi Barth, Eliane Würdig Roesch, Larissa Lutz, Valério Rodrigues Aquino, Luciano Zubaran Goldani

Application of BactTiter-Glo ATP Bioluminescence Assay for Mycobacterium tuberculosis Detection

19 Mar 2024

Publication date: Available online 18 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Mariana Abou Mourad Ferreira, Laura Candeias dos Santos, Luiz Guilherme Schmidt Castellani, Manuela Negrelli Brunetti, Moisés Palaci

Cover 2 - Aims/Scopes, Ed Board

19 Mar 2024

Publication date: May 2024
Source: Diagnostic Microbiology and Infectious Disease, Volume 109, Issue 1
Author(s):

Comparison of MBT Biotargets with MBT steel targets for Matrix-Assisted Laser Desorption/Ionization Time of Flight mass spectrometry identifications of microorganisms in a clinical microbiology laboratory.

19 Mar 2024

Publication date: Available online 18 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Robert K.P. Schouten, Valentijn Schweitzer, Sebastian van Marm, Rob J. Rentenaar

Emerging Infectious Diseases Journal - ahead of print

Deaths Associated with Pediatric Hepatitis of Unknown Etiology, United States, October 2021–June 2023

19 Mar 2024

O. Almendares et al.

Standing Ready to Respond

19 Mar 2024

B. Breedlove

Concurrent Outbreaks of Hepatitis A, Invasive Meningococcal Disease, and Mpox, Florida, USA, 2021–2022

18 Mar 2024

T. J. Doyle et al.

Uncommon Salmonella Infantis Variants with Incomplete Antigenic Formula in the Poultry Food Chain, Italy

18 Mar 2024

S. Petrin et al.

Crimean-Congo Hemorrhagic Fever Virus Seroprevalence in Human and Livestock Populations, Northern Tanzania

18 Mar 2024

E. C. Hughes et al.

Seroprevalence of Avian Influenza A(H5N6) Virus Infection, Guangdong Province, China, 2022

18 Mar 2024

Y. Wang et al.

Bus Riding as Amplification Mechanism for SARS-CoV-2 Transmission, Germany, 2021

18 Mar 2024

M. Schöll et al.

Novel Oral Poliovirus Vaccine 2 Safety Evaluation during Nationwide Supplemental Immunization Activity, Uganda, 2022

18 Mar 2024

F. A. Tobolowsky et al.

Isolation of Diverse Simian Arteriviruses Causing Hemorrhagic Disease

18 Mar 2024

T. M. Shaw et al.

[Isolation of Batborne Neglected Zoonotic Agent Issyk-Kul Virus, Italy](#)

18 Mar 2024

D. Lelli et al.

[Nephropathia Epidemica Caused by Puumala Virus in Bank Voles, Scania, Southern Sweden](#)

18 Mar 2024

J. Ling et al.

[Opportunistic Elizabethkingia miricola Infections in Intensive Care Unit, Spain](#)

18 Mar 2024

E. Soler-Iborte et al.

[Correction: Vol. 17, No. 10](#)

18 Mar 2024

[Alfred Whitmore and the Discovery of Melioidosis](#)

18 Mar 2024

J. Savelkoel and D. Dance

[Melioidosis in Patients with COVID-19 Exposed to Contaminated Tap Water, Thailand, 2021](#)

18 Mar 2024

P. Tantirat et al.

[Detection of Rat Hepatitis E Virus in Pigs, Spain, 2023](#)

18 Mar 2024

L. Rios-Muñoz et al.

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European Journal of Clinical Microbiology & Infectious Diseases

[Molecular monitoring of viral infections in immunocompromised patients in a large university hospital in Italy: reflections after thirteen years of real-life activity](#)

22 Mar 2024

Abstract Purpose This study aimed to investigate the prevalence and viral reactivations of clinical interest in the immunocompromised patient with particular focus on hematologic and solid organ transplant recipients. **Methods** Molecular screening data of CMV, EBV, JCV and BKV from 2011 to 2023 were analyzed

A decade of neonatal sepsis in Stockholm, Sweden: Gram-positive pathogens were four times as common as Gram-negatives

22 Mar 2024

Abstract Purpose To assess Gram-positive bacterial (GPB) bloodstream infection (BSI) in neonates, covering incidence, morbidity, mortality, antimicrobial resistance patterns and biomarkers in Region Stockholm, Sweden between 2006 and 2016

Whole genome sequencing and molecular epidemiology of methicillin-resistant *Staphylococcus aureus* isolated from patients with bacteraemia in Slovenia

22 Mar 2024

Abstract Purpose Data on the molecular epidemiology of methicillin-resistant *Staphylococcus aureus* isolates from patients with bacteraemia in Slovenia are lacking. The aim of this study was to phenotypically and genotypically investigate 82 MRSA strains isolated from patients with bloodstream infections in central Slovenia between 2019 and 2022

Salmonella infections in Denmark from 2013–2022 with focus on serotype distribution, invasiveness, age, sex, and travel exposition

21 Mar 2024

Abstract Purpose To analyze the nationwide incidence of *Salmonella* infections in Denmark from 2013 to 2022. **Methods** Confirmed cases of *Salmonella enterica* subsp. *enterica* were examined using the National Register of Enteric Pathogens during 2013–2022

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Eurosurveillance latest updates

Characteristic SNPs defining the major multidrug-resistant *Mycobacterium tuberculosis* clusters identified by EuSeqMyTB to support routine surveillance, EU/EEA, 2017 to 2019

21 Mar 2024

Background The EuSeqMyTB project, conducted in 2020, used whole genome sequencing (WGS) for surveillance of drug-resistant *Mycobacterium tuberculosis* in the European Union/European Economic Area (EU/EEA) and identified 56 internationally clustered multidrug-resistant (MDR) tuberculosis (TB) clones

Prevalence estimates of tuberculosis infection in adults in Denmark: a retrospective nationwide register-based cross-sectional study, 2010 to 2018

21 Mar 2024

Background Tuberculosis (TB) elimination requires identifying and treating persons with TB infection (TBI). **Aim** We estimate the prevalence of positive interferon gamma release assay (IGRA) tests (including TB) and TBI (excluding TB) in Denmark based on TBI screening data from patients with inflammatory bowel disease (IBD) or inflammatory rheumatic disease (IRD)

Tuberculosis in people of Ukrainian origin in the European Union and the European Economic Area, 2019 to 2022

21 Mar 2024

Approximately five million Ukrainians were displaced to the EU/EEA following the Russian invasion of Ukraine. While tuberculosis (TB) notification rates per 100,000 Ukrainians in the EU/EEA remained stable, the number of notified TB cases in Ukrainians increased almost fourfold (mean 2019–2021: 201; 2022: 780)

[Authors' correction for Euro Surveill. 2024;29\(11\)](#)

21 Mar 2024

Cost-effectiveness of active tuberculosis screening among high-risk populations in low tuberculosis incidence countries: a systematic review, 2008 to 2023

21 Mar 2024

Background In countries with a low TB incidence (≤ 10 cases/100,000 population), active pulmonary tuberculosis (PTB) mostly affects vulnerable populations with limited access to healthcare. Thus, passive case-finding systems may not be successful in detecting and treating cases and preventing further transmission. Active and cost-effective search strategies can overcome this problem

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Infection

Assessing the current epidemiological status of SARS-CoV-2 and its potential evolution

22 Mar 2024

Canonical notch activation in patients with scrub typhus: association with organ dysfunction and poor outcome

19 Mar 2024

Abstract Purpose The mechanisms that control inflammation in scrub typhus are not fully elucidated. The Notch pathways are important regulators of inflammation and infection, but have not been investigated in scrub typhus

Natural and hybrid immunity after SARS-CoV-2 infection in children and adolescents

18 Mar 2024

Abstract Purpose In contrast to adults, immune protection against SARS-CoV-2 in children and adolescents with natural or hybrid immunity is still poorly understood. The aim of this study was to analyze different immune compartments in different age groups and whether humoral immune reactions correlate with a cellular immune response

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Prevalence of HTLV-1/2 infection in pregnant women in Central and South America and the Caribbean: a systematic review and meta-analysis

24 Mar 2024

Publication date: Available online 22 March 2024
Source: International Journal of Infectious Diseases
Author(s): Juan-Pablo Sánchez-Núñez, Eva de-Miguel-Balsa, Vicente Soriano, Edurado Lorenzo-Garrido, Angel Giménez-Richarte, Silvia Otero-Rodríguez, Juan-Carlos Celis-Salinas, Carmen de-Mendoza, Martin Casapia-Morales, José Manuel Ramos-Rincón

Universal antifungal prophylaxis effectively prevents fungal bloodstream infection in pediatric liver transplant recipients: a retrospective real-world study

22 Mar 2024

Publication date: Available online 21 March 2024
Source: International Journal of Infectious Diseases
Author(s): Weili Wang, Yangyang Wang, Yuntao Zhang, Wei Zhang, Xueli Bai, Qi Zhang, Tingbo Liang

Interplay of inflammatory markers and anti-SARS-CoV-2 antibodies in COVID-19 mortality: a prospective cohort study

22 Mar 2024

Publication date: Available online 22 March 2024
Source: International Journal of Infectious Diseases
Author(s): Sylvia Mink, Heinz Drexel, Andreas Leiherer, Matthias Frick, Patrick Reimann, Christoph H. Saely, Peter Fraunberger

Incidental diagnosis of monkeypox virus infection in patients undergoing STI screening – findings from a study in France.

22 Mar 2024

Publication date: Available online 21 March 2024
Source: International Journal of Infectious Diseases
Author(s): Sophie Edouard, Céline Boschi, Philippe Colson, Matthieu Million, Pierre-Edouard Fournier, Bernard La Scola, Florence Fenollar

Joint analysis of vaccination effectiveness and antiviral drug effectiveness for COVID-19: a causal inference approach

22 Mar 2024

Publication date: Available online 21 March 2024
Source: International Journal of Infectious Diseases
Author(s): Yue Yat Harrison Cheung, Eric Ho Yin Lau, Guosheng Yin, Yun Lin, Jialiang Jiang, Benjamin John Cowling, Kwok Fai Lam

Vaccine-derived Yellow Fever in an immunocompromised patient on anti-CD20-antibody therapy and its treatment with Sofosbuvir

22 Mar 2024

Publication date: Available online 21 March 2024
Source: International Journal of Infectious Diseases
Author(s): Tobias Weirauch, Gerrit Burger, Dániel Cadar, Martin Gabriel, Julia Koepsell, Gundolf Schüttfort, Philipp de Leuw, Markus Bickel, Maria J.G.T. Vehreschild, Timo Wolf, Nils Wetzstein

The Successful Treatment of Mpox with Brincidofovir in Renal Transplant Recipients – A report of 2 cases

21 Mar 2024

Publication date: Available online 21 March 2024
Source: International Journal of Infectious Diseases
Author(s): Reem M. Alameer, Amani Yamani, Abdulrahman Al-Saud, Sultan Alsobayeg, Bayan Alamro, Alaa Alali, Ehab Hammad, Ali M. Shendi, Reem S. Almaghrabi

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Journal of Clinical Microbiology

[A novel hybridization capture method for direct whole genome sequencing of clinical specimens to inform Legionnaires' disease investigations](#)

21 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

[Performance evaluation of machine-assisted interpretation of Gram stains from positive blood cultures](#)

20 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

[The modern alchemy of clinical pathology: turning the output of microbiology laboratory operations into gold](#)

20 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

[Evaluation of the Vitek 2 system for antifungal susceptibility testing of Candida auris using a representative international panel of clinical isolates: overestimation of amphotericin B resistance and underestimation of fluconazole resistance](#)

19 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

[Identification rate of Legionella species in non-purulent sputum culture is comparable to that in purulent sputum culture in Legionella pneumonia](#)

19 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

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Journal of Hospital Infection

[Bacteriology of Endotracheal Tube Biofilms and Antibiotic Resistance: A Systematic Review](#)

22 Mar 2024

Bacteria commonly adhere to surfaces and produce polymeric material to encase the attached cells to form communities called biofilms. Within these biofilms, bacteria can appear many times more resistant to antibiotics or disinfectants

Hand hygiene compliance in nursing home wards – the effect of increased accessibility of alcohol-based hand rub

21 Mar 2024

Elderly nursing home (NH) residents are vulnerable to infections due to age, weakened immune system and comorbidities. Furthermore, microorganisms are easily transmitted in shared facilities. Hand hygiene (HH) is considered one of the most important measures to prevent transmission

From Admission to Infection, A Time Period Analysis of the Pathogens in Healthcare-Associated Infections

21 Mar 2024

Elaborating on the dynamics of hospital-acquired infections (HAIs) provides new insights for improving the more effective and targeted infection control measures (ICMs). The period from admission to the infection development (length to infection development; LID) is one of the parameters that may indicate the success of the prevention strategies. An interesting study by Stewart et al

Impact of different hand drying methods on surrounding environment: aerosolization of virus and bacteria and transference to surfaces

21 Mar 2024

In recent years, hand drying has been highlighted as a key step in appropriate hand hygiene (WHO 2009), as moisture on hands can increase transference of microorganisms from hands to surfaces and vice-versa.

ANTIBIOTIC MANAGEMENT PROGRAM IN A TERTIARY INTENSIVE CARE UNIT: INVESTIGATION OF THE EFFECTS OF A CARBAPENEM-RESTRICTED PERIOD ON CLINICAL AND LABORATORY PARAMETERS AND COSTS OF INFECTIONS

21 Mar 2024

The aim of this study was to investigate the effects of the carbapenem-restricted antimicrobial stewardship program (ASP) on changes in the resistance profiles of infectious agents, the amount of antibiotics used, length of stay in the intensive care unit (ICU), mortality and costs.

Healthcare-associated carbapenem-resistant *Klebsiella pneumoniae* infections are associated with higher mortality compared to carbapenem-sensitive *K. pneumoniae* infections in the ICU: a retrospective cohort study

19 Mar 2024

We aimed to investigate the association between carbapenem resistance and the mortality rate, length of stay, and hospital cost in patients with *Klebsiella pneumoniae* infection. Methods: The retrospective cohort study was conducted in the intensive care units of a large teaching tertiary hospital in southwest China between 1st January 2020 and 31st December 2022

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Journal of Infection

Understanding immune dysregulation in post-acute sequelae of COVID-19 (PASC) – The hunt for effective treatments

24 Mar 2024

Dear Editor,

Novel antivirals for severe enterovirus infection in immunocompromised hosts; a case series

23 Mar 2024

Previously in this Journal, it was pointed out that novel antiviral treatments are badly needed for severe enterovirus infections¹. We describe eight immunocompromised individuals who received antiviral combinations with novel and repurposed agents in UK (Table 1).

Re-emergence of Diphtheria after COVID-19 Pandemic in Pakistan: time to consider booster vaccination strategies.

19 Mar 2024

Dear Editor,

Resurgence and atypical patterns of pertussis in China

18 Mar 2024

Dear Editor,

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Journal of Infection Prevention

Perceptions and digitalisation of outbreak management in UK health services: A cross-sectional survey

19 Mar 2024

Journal of Infection Prevention, Ahead of Print. Background Global challenges arise from infectious diseases which represent significant challenges to the provision of healthcare, requiring efficient management procedures to limit transmission

World Health Organization World Hand Hygiene Day, 5 May 2024. SAVE LIVES: Clean Your Hands campaign: Promoting knowledge and capacity building on infection prevention and control, including hand hygiene, among health and care workers

19 Mar 2024

Journal of Infection Prevention, Ahead of Print. The World Health Organization's (WHO) World Hand Hygiene Day continues to "bring people together and accelerate hand hygiene action at the point of care in health care to contribute to a reduction in health care-associated infections and the achievement of safer, quality health care for all."

Addressing infection prevention and control in Alabama through the long-term care strike team

18 Mar 2024

Journal of Infection Prevention, Ahead of Print. The COVID-19 pandemic exposed the lack of infection prevention and control (IPC) infrastructure among long-term care facilities (LTCFs) in the United States; the situation in Alabama is particularly dire with LTCFs receiving some of the lowest quality ratings in the country

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Journal of Medical Microbiology

Listeria monocytogenes: the silent assassin

20 Mar 2024

Listeriosis is a foodborne infection in humans caused by *Listeria monocytogenes*. Consumption of contaminated food can lead to severe infection in vulnerable patients, that can be fatal. Clinical manifestations include sepsis and meningitis, and in pregnancy-associated infection, miscarriage and stillbirth

In vitro and in silico assessment of anti-biofilm and anti-quorum sensing properties of 2,4-Di-tert butylphenol against *Acinetobacter baumannii*

20 Mar 2024

Introduction. *Acinetobacter baumannii* is a nosocomial pathogen with a high potential to cause food-borne infections. It is designated as a critical pathogen by the World Health Organization due to its multi-drug resistance and mortalities reported. Biofilm governs major virulence factors, which promotes drug resistance in *A. baumannii*

Delays to treatment initiation and emergence of drug resistance among new adult tuberculosis patients in Tigray, Northern Ethiopia

20 Mar 2024

Introduction. Studies in Ethiopia have indicated that tuberculosis (TB) patient's elapsed a long time before initiating treatment. Gap Statement. However, there is very limited evidence on the association of treatment initiation delay with drug resistance. Research Aim

Performance of metagenomic next-generation sequencing in cerebrospinal fluid for diagnosis of tuberculous meningitis

20 Mar 2024

Purpose. Metagenomic next-generation sequencing (mNGS) has been widely used in the diagnosis of infectious diseases, while its performance in diagnosis of tuberculous meningitis (TBM) is incompletely characterized. The aim of this study was to assess the performance of mNGS in the diagnosis of TBM, and illustrate the sensitivity and specificity of different methods. Methods

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Journal of Microbiology, Immunology and Infection

ddPCR ENABLES RAPID DETECTION OF BLOODSTREAM INFECTIONS IN PATIENTS ON HOME PARENTERAL NUTRITION: A PROSPECTIVE COHORT STUDY

19 Mar 2024

Publication date: Available online 19 March 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Veerle E.L.M. Gillis, Daisy Dalloyaux, Rene H.M. te Morsche, Jakko van Ingen, Özcan Sir, Chantal P. Rovers, Yannick Wouters, Geert J.A. Wanten

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Journal of Virology Current Issue

Mutagenesis and functional analysis of the varicella-zoster virus portal protein

22 Mar 2024

Journal of Virology, Ahead of Print.

Modeling Heartland virus disease in mice and therapeutic intervention with 4'-fluorouridine

21 Mar 2024

Journal of Virology, Ahead of Print.

Restoration of virulence in the attenuated Candida#1 vaccine virus requires reversion at both positions 168 and 427 in the envelope glycoprotein GPC

20 Mar 2024

Journal of Virology, Ahead of Print.

Functional dissection of the spike glycoprotein S1 subunit and identification of cellular cofactors for regulation of swine acute diarrhea syndrome coronavirus entry

19 Mar 2024

Journal of Virology, Ahead of Print.

Hyperoside inhibits EHV-8 infection via alleviating oxidative stress and IFN production through activating JNK/Keap1/Nrf2/HO-1 signaling pathways

19 Mar 2024

Journal of Virology, Ahead of Print.

Biochemical analysis of the host factor activity of ZCCHC14 in hepatitis A virus replication

19 Mar 2024

Journal of Virology, Ahead of Print.

Semen enhances transmitted/founder HIV-1 infection and only marginally reduces antiviral activity of broadly neutralizing antibodies

19 Mar 2024

Journal of Virology, Ahead of Print.

The in vitro replication phenotype of hepatitis B virus (HBV) splice variants Sp3 and Sp9 and their impact on wild-type HBV replication

19 Mar 2024

Journal of Virology, Ahead of Print.

The varying extent of humoral and cellular immune responses to either vector- or RNA-based SARS-CoV-2 vaccines persists for at least 18 months and is independent of infection

19 Mar 2024

Journal of Virology, Ahead of Print.

Isolation of a recombinant simian adenovirus encoding the human adenovirus G52 hexon suggests a simian origin for human adenovirus G52

18 Mar 2024

Journal of Virology, Ahead of Print.

Capsid-dependent lentiviral restrictions

18 Mar 2024

Journal of Virology, Ahead of Print.

Erratum for Chan et al., “Tropism of and Innate Immune Responses to the Novel Human Betacoronavirus Lineage C Virus in Human Ex Vivo Respiratory Organ Cultures”

18 Mar 2024

Journal of Virology, Ahead of Print.

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Lancet: Infectious Diseases

[\[Obituary\] Neal Steigbigel](#)

21 Mar 2024

Renowned US-based infectious disease specialist, passed away on Jan 13, 2024, aged 89 years.

[\[Profile\] Dorothy Yeboah-Manu—developing TB expertise in Ghana](#)

21 Mar 2024

Dorothy Yeboah-Manu has made it her career's mission to develop the expertise in tuberculosis and Buruli ulcer that her home nation of Ghana desperately needed. The

youngest of six children, she grew up in the Eastern Region of Ghana and developed an interest in science and technology thanks to her much older brother studying engineering

[Newsdesk] New candidate to combat drug-resistant bacteria

21 Mar 2024

A candidate antibiotic showed promising activity against carbapenem-resistant *Acinetobacter baumannii*, a WHO priority pathogen, in preclinical studies. Sanjeet Bagcchi reports.

[Newsdesk] Zero-Dose Immunization Programme reaches milestone

21 Mar 2024

On Feb 18, 2024, Gavi, the Vaccine Alliance announced that a child in South Sudan had received the 1 millionth dose of vaccine administered through its ZIP initiative. Talha Burki reports.

[Newsdesk] A new global health hub in Germany

21 Mar 2024

The Charité Center for Global Health, established in Berlin, Germany, last year, has ambitious plans to tackle global health challenges. Udani Samarasekera reports.

[Newsdesk] Infectious diseases surveillance update

21 Mar 2024

On Feb 29, 2024, health authorities in Warrap State, South Sudan, declared an outbreak of hepatitis E. The outbreak was declared after a 3-year-old girl from Twic County tested positive for hepatitis E. Response activities are taking place, including health education and provision of safe drinking water

[Clinical Picture] Renal infarction secondary to *Aspergillus* spp. embolism following COVID-19

21 Mar 2024

A 72-year-old man, previously diagnosed with hypertension, hypothyroidism, and chronic lymphocytic leukaemia (treated with regular use of ibrutinib for 8 years), presented at the emergency room with an 8-day history of flu-like symptoms, dyspnoea, and desaturation. At that time, COVID-19 was diagnosed with RT-PCR

[Editorial] Writing and reviewing for us in AI times

21 Mar 2024

The launch of ChatGPT in November 2022 caused a lot of excitement, but also trepidation, about the potential use or abuse of the tool, including in scientific and medical publishing. Would this artificial intelligence (AI) tool, and/or other applications based on large language models (LLMs), help researchers, peer reviewers, editors, and publishers deal with the ever increasing need to write,

[Media Watch] Mister Stethoscope

21 Mar 2024

“Mister Stethoscope”. No, it is not a nickname by which friends fondly call a medical student or a medic. It is the title of a puppet show that hogs the limelight these days among young

audiences in Albania. The puppet show combines artistry and imagination with public health promotion related to vaccination and attracts children and their parents.

[\[Profile\] Alemnew Dagnev—developing a new TB vaccine](#)

21 Mar 2024

Born and raised in a small Ethiopian town now called Alem Ber (previously called Amed Ber), Alemnew Fitayehu Dagnev had to leave his parents at an early age to attend middle and high school in Woreta, a nearby town. Alem Ber had only a primary school and Dagnev's parents had not been educated in “modern schools”

[\[Newsdesk\] Research in brief](#)

21 Mar 2024

Researchers have elucidated a potential mechanism underlying the risk of thrombosis in COVID-19. In the study, thrombosis risk was linked to a gut microbial metabolite called 2-methylbutyrylcarnitine (2MBC), which belongs to a class of compounds known as short branched-chain acylcarnitines that are associated with metabolic disorders

[\[Newsdesk\] Updated criteria for paediatric sepsis and septic shock](#)

21 Mar 2024

Criteria for identifying sepsis and septic shock in children aged up to 17 years have been updated for the first time in nearly 20 years. Priya Venkatesan reports.

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Microbiology and Molecular Biology Reviews: Current Issue

[Insights into the enigma of oral streptococci in carcinogenesis](#)

20 Mar 2024

Microbiology and Molecular Biology Reviews, Ahead of Print.

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Morbidity and Mortality Weekly Report (MMWR)

[Surveillance for Coccidioidomycosis, Histoplasmosis, and Blastomycosis During the COVID-19 Pandemic - United States, 2019-2021](#)

21 Mar 2024

This report describes trends in coccidioidomycosis, histoplasmosis, and blastomycosis cases during the COVID-19 pandemic.

[Tuberculosis Preventive Treatment Update - U.S. President's Emergency Plan for AIDS Relief, 36 Countries, 2016-2023](#)

21 Mar 2024

This report describes trends in the initiation and completion of preventive treatment for tuberculosis in people with HIV through PEPFAR-supported programs.

[Notes from the Field: Expanded Laboratory Testing for Varicella - Minnesota, 2016-2023](#)

21 Mar 2024

This report describes expanded laboratory testing for varicella by the Minnesota Department of Health.

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Nature Reviews Microbiology - Current Issue

[Drug-resistant tuberculosis: a persistent global health concern](#)

22 Mar 2024

Nature Reviews Microbiology, Published online: 22 March 2024; doi:10.1038/s41579-024-01025-1 In this Review, Pai and colleagues examine the global landscape of drug-resistant tuberculosis, exploring its epidemiology, causes, risk factors, stigma and associated mental health burden as well as discussing the most recent developments in diagnostics, treatment and preventive regimens.

[Antimicrobial treatment and resistance in sexually transmitted bacterial infections](#)

20 Mar 2024

Nature Reviews Microbiology, Published online: 20 March 2024; doi:10.1038/s41579-024-01023-3 In the Review, we focus on the epidemiology of, the treatment options for and the emergence of antimicrobial resistance in *Neisseria gonorrhoeae* and *Mycoplasma genitalium*, but we also briefly discuss *Chlamydia trachomatis* and *Treponema pallidum*.

[Drosophila sperm sabotage by Wolbachia prophage](#)

19 Mar 2024

Nature Reviews Microbiology, Published online: 19 March 2024; doi:10.1038/s41579-024-01042-0 This study reports a mechanism whereby *Wolbachia* bacteriophage proteins modulate macromolecules of developing *Drosophila melanogaster*.

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Scandinavian Journal of Infectious Diseases: Table of Contents

[The emergence of Alaskapox: exploring an unprecedented viral threat and implications for public health](#)

23 Mar 2024

The language of antimicrobial and antibiotic resistance is blocking global collective action

23 Mar 2024

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The impact of artificial intelligence in the fight against antimicrobial resistance

22 Mar 2024

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Double-blinded, randomised, placebo-controlled trial of convalescent plasma for COVID-19: analyses by neutralising antibodies homologous to donors' variants

21 Mar 2024

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Sexually Transmitted Infection Online First

Performing *Trichomonas vaginalis* culture in research studies in low-resource settings

22 Mar 2024

Trichomonas vaginalis is the most common non-viral sexually transmitted infection (STI) worldwide, with an estimated 156 million new cases per year globally.¹ Incidence and prevalence are highest in low-income settings, especially the African region.² If symptomatic, *T. vaginalis* causes vaginal discharge and dysuria. Untreated *T*

Impact of national commissioning of pre-exposure prophylaxis (PrEP) on equity of access in England: a PrEP-to-need ratio investigation

20 Mar 2024

ObjectivesHIV pre-exposure prophylaxis (PrEP) is highly effective in preventing HIV acquisition. In England, NHS availability was limited to participants of the PrEP Impact Trial until late 2020. Some key populations at greater risk of HIV were under-represented in the trial suggesting inequities in trial PrEP access

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UKHSA affiliated authors

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Shedding and exclusion from childcare in children with Shiga toxin-producing Escherichia coli, 2018-2022

23 Mar 2024

Author Names: Vusirikala A.,Rowell S.,Dabke G.,Fox G.,Bell J.,Manuel R.,Jenkins C.,Love N.,McCarthy N.,Sumilo D.,Balasegaram S. Database Source: Embase Weekly Updates Journal Title: Epidemiology and Infection,Epidemiology and Infection Article Title: Shedding and exclusion from childcare in children with Shiga toxin-producing Escherichia coli, 2018-2022 Year: 2024 Issue: Volume: 152

A Qualitative Analysis of the Perceptions of Stakeholders Involved in Vector Control and Vector-Borne Disease Research and Surveillance in Orinoquia, Colombia

23 Mar 2024

Author Names: Jaramillo-Ramirez G.I.,Tacugue M.C.,Power G.M.,Qureshi R.,Seelig F.,Quintero J.,Logan J.G.,Jones R.T. Database Source: Embase Weekly Updates Journal Title: Tropical Medicine and Infectious Disease Article Title: A Qualitative Analysis of the Perceptions of Stakeholders Involved in Vector Control and Vector-Borne Disease Research and Surveillance in Orinoquia, Colombia Year:

SARS-CoV-2 evolution during treatment of chronic infection

23 Mar 2024

Author Names: Kemp S.A.,Collier D.A.,Datir R.P.,Ferreira I.A.T.M.,Gayed S.,Jahun A.,Rees-Spear C.,Mlcochova P.,Lumb I.U.,Roberts D.J.,Chandra A.,Temperton N.,Baker S.,Dougan G.,Hess C.,Kingston N.,Lehner P.J.,Lyons P.A.,Matheson N.J.,Owehand W.H.,Saunders C.,Summers C.,Thaventhiran J.E.D.,Toshner M.,Weekes M.P.,Bucke A.,Calder J.,Canna L.,Domingo J.,Elmer A.,Fuller S.,Harris J.,Hewitt S.,Kennet J

IN VITRO MULLEIN OIL INVESTIGATIONS AND IN VIVO EFFECTS OF MULLEIN OIL CREAM ON HUMAN SKIN PHYSIOLOGY

23 Mar 2024

Author Names: Pavlovic D.R.,Tasic-Kostov M.,Grigorov M.,Zlatkovic B.,Mihajilov-Krstev T. Database Source: Embase Weekly Updates Journal Title: Farmacia,Farmacia Article Title: IN VITRO MULLEIN OIL INVESTIGATIONS AND IN VIVO EFFECTS OF MULLEIN OIL CREAM ON HUMAN SKIN PHYSIOLOGY Year: 2024 Issue: 1 Volume: 72 Abstract: Preparations of mullein flowers are traditionally used mainly for

Is Silver Addition to Scaffolds Based on Polycaprolactone Blended with Calcium Phosphates Able to Inhibit Candida albicans and Candida auris Adhesion and Biofilm Formation?

23 Mar 2024

Author Names: Menotti F.,Scutera S.,Maniscalco E.,Coppola B.,Bondi A.,Costa C.,Longo F.,Mandras N.,Pagano C.,Cavallo L.,Banche G.,Malandrino M.,Palmero P.,Allizond V. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Is Silver Addition to Scaffolds Based on Polycaprolactone Blended

Costs-effectiveness and cost components of pharmaceutical and non-pharmaceutical interventions affecting antibiotic resistance outcomes in hospital patients: a systematic literature review

23 Mar 2024

Author Names: Allel K.,Hernandez-Leal M.J.,Naylor N.R.,Undurraga E.A.,Abou Jaoude G.J.,Bhandari P.,Flanagan E.,Haghparast-Bidgoli H.,Pouwels K.B.,Yakob L. Database Source: Embase Weekly Updates Journal Title: BMJ Global Health Article Title: Costs-effectiveness and cost components of pharmaceutical and non-pharmaceutical interventions affecting antibiotic resistance outcomes in hospital

Preventing and managing urinary tract infections: using thematic analysis to explore interventions and strategies implemented by NHS commissioning organizations in English primary care, 2017-22

23 Mar 2024

Author Names: Sides E.,Lecky D.,Taborn E.,O'Neill L.,Cooper E. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Preventing and managing urinary tract infections: using thematic analysis to explore interventions and strategies implemented by NHS commissioning organizations in English primary care, 2017-22 Year: 2023 Issue: Supplement 3

Bayesian spatial modelling of localised SARSCoV-2 transmission through mobility networks across England

23 Mar 2024

Author Names: Ward T.,Morris M.,Gelman A.,Carpenter B.,Ferguson W.,Overton C.,Fyles M. Database Source: Embase Weekly Updates Journal Title: PLoS Computational Biology,PLoS Computational Biology Article Title: Bayesian spatial modelling of localised SARSCoV-2 transmission through mobility networks across England Year: 2023 Issue: 11 November Volume: 19 Abstract: In the early phases

Polymeric nanoparticle-based mRNA vaccine is protective against influenza virus infection in ferrets

23 Mar 2024

Author Names: Hardenberg G.,Brouwer C.,van Gemerden R.,Jones N.J.,Marriott A.C.,Rip J. Database Source: Embase Weekly Updates Journal Title: Molecular Therapy Nucleic Acids,Molecular Therapy - Nucleic Acids Article Title: Polymeric nanoparticle-based mRNA vaccine is protective against influenza virus infection in ferrets Year: 2024 Issue: 1 Volume: 35 Abstract: New therapies and

59 The CandiRes study: Candida resistance evolution in the ICU

23 Mar 2024

Author Names: Allebone-Salt P.,Logan C.,Mazzella A.,Wake R.,Kong K.F.,Bicanic T. Database Source: Embase Weekly Updates Journal Title: Clinical Infection in Practice Article Title: 59 The CandiRes study: Candida resistance evolution in the ICU Year: 2023 Issue: Supplement 1 Volume: 20 Abstract: Background: Antifungal resistance is a growing concern worldwide

The role of real-world evidence for regulatory and public health decision-making for Accelerated Vaccine Deployment- a meeting report

23 Mar 2024

Author Names: Bollaerts K.,Wyndham-Thomas C.,Miller E.,Izurieta H.S.,Black S.,Andrews N.,Rubbrecht M.,Van Heuverswyn F.,Neels P. Database Source: Embase Weekly Updates Journal Title: Biologicals,Biologicals Article Title: The role of real-world evidence for

regulatory and public health decision-making for Accelerated Vaccine Deployment- a meeting report Year: 2024 Issue: Volume:

Excess resource use and cost of drug-resistant infections for six key pathogens in Europe: a systematic review and Bayesian meta-analysis.

23 Mar 2024

Author Names: Kingston R, Vella V, Pouwels KB, Schmidt JE, Abdelatif El-Abasiri RA, Reyna-Villasmil E, Hassoun-Kheir N, Harbarth S, Rodriguez-Bano J, Tacconelli E, Arieti F, Gladstone BP, de Kraker MEA, Naylor NR, Robotham JV Database Source: Ovid MEDLINE(R) Daily Update <March 22, 2024> Journal Title: Clinical Microbiology & Infection Article Title: Excess resource use and cost of drug-resistant

A novel, fast, accurate, cost-effective antimicrobial susceptibility test for urine samples

23 Mar 2024

Author Names: Bock L. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: A novel, fast, accurate, cost-effective antimicrobial susceptibility test for urine samples Year: 2023 Issue: Supplement 1 Volume: 5 Abstract: Objectives: To show that iFAST (impedance-based fast antimicrobial susceptibility test) can give accurate susceptibility

Understanding the infection severity and epidemiological characteristics of mpox in the UK

23 Mar 2024

Author Names: Ward T., Overton C.E., Paton R.S., Christie R., Cumming F., Fyles M. Database Source: Embase Weekly Updates Journal Title: Nature Communications, Nature Communications Article Title: Understanding the infection severity and epidemiological characteristics of mpox in the UK Year: 2024 Issue: 1 Volume: 15 Abstract: In May 2022, individuals infected with the monkeypox virus

A measles IgM rapid diagnostic test to address challenges with national measles surveillance and response in Malaysia

23 Mar 2024

Author Names: aisah Senin A., Noordin N.M., Sani J.A.M., Mahat D., Donadel M., Scobie H.M., Omar A., Chem Y.K., Zahari M.I., Ismail F., Rahman R.A., Hussin H.M., Selvanesan S., Aziz Z.A., Afiza W. M. Arifin W.N., Bakar R.S.A., Rusli N., Hanif Zailani M., Soo P., Lo Y.-R., Grabovac V., Rota P.A., Mulders M.N., Featherstone D., Warrenner L., Brown D.W

Paediatric, maternal, and congenital mpox: a systematic review and meta-analysis

23 Mar 2024

Author Names: Sanchez Clemente N., Coles C., Paixao E.S., Brickley E.B., Whittaker E., Alfvén T., Rulisa S., Agudelo Higuera N., Torpiano P., Agravat P., Thorley E.V., Drysdale S.B., Le Doare K., Muyembe Tamfum J.-J

Author Correction: SARS-CoV-2 evolution during treatment of chronic infection (Nature, (2021), 592, 7853, (277-282), 10.1038/s41586-021-03291-y)

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K.G.C.,Bradley J.R.,Doffinger R.,Ceron-Gutierrez L.,Barcenas-Morales G.,Pollock D.D.,Goldstein R.A.,Smielewska A.,Skitttrall J.P.,Gouliouris T.,Goodfellow I.G

Disparities in COVID-19 mortality amongst the immunosuppressed: A systematic review and meta-analysis for enhanced disease surveillance

23 Mar 2024

Author Names: Leston M.,Elson W.,Ordonez-Mena J.M.,Kar D.,Whitaker H.,Joy M.,Roberts N.,Hobbs F.D.R.,de Lusignan S. Database Source: Embase Weekly Updates Journal Title: Journal of Infection,Journal of Infection Article Title: Disparities in COVID-19 mortality amongst the immunosuppressed: A systematic review and meta-analysis for enhanced disease surveillance Year: 2024 Issue: 3

Transcriptional Inflammatory Signature in Healthy Donors and Different Radiotherapy Cancer Patients

23 Mar 2024

Author Names: O'Brien G.,Kamuda M.,Cruz-Garcia L.,Polozova M.,Tichy A.,Markova M.,Sirak I.,Zahradnicek O.,Widlak P.,Ponge L.,Polanska J.,Badie C. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Transcriptional Inflammatory Signature in Healthy Donors and Different Radiotherapy Cancer

Dementia with Lewy Bodies: Genomics, Transcriptomics, and Its Future with Data Science

23 Mar 2024

Author Names: Goddard T.R.,Brookes K.J.,Sharma R.,Moemeni A.,Rajkumar A.P. Database Source: Embase Weekly Updates Journal Title: Cells,Cells Article Title: Dementia with Lewy Bodies: Genomics, Transcriptomics, and Its Future with Data Science Year: 2024 Issue: 3 Volume: 13 Abstract: Dementia with Lewy bodies (DLB) is a significant public health issue

Impact of menopausal status and recurrent urinary tract infections (UTIs) on symptoms, severity, and daily life: findings from an online survey of women reporting a recent UTI

23 Mar 2024

Author Names: Sanyaolu L.,Cooper E.,Read B.,Ahmed H.,Lecky D.M. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Impact of menopausal status and recurrent urinary tract infections (UTIs) on symptoms, severity, and daily life: findings from an online survey of women reporting a recent UTI Year: 2023 Issue: Supplement 3 Volume: 5

Lymphocytic choriomeningitis arenavirus requires cellular COPI and AP-4 complexes for efficient virion production

23 Mar 2024

Author Names: Byford O.,Shaw A.B.,Tse H.N.,Todd E.J.A.A.,Alvarez-Rodriguez B.,Hewson R.,Fontana J.,Barr J.N. Database Source: Embase Weekly Updates Journal Title: Journal of virology Article Title: Lymphocytic choriomeningitis arenavirus requires cellular COPI and AP-4 complexes for efficient virion production Year: 2024 Issue: Volume: Abstract: Lymphocytic choriomeningitis virus

Vaccine value profile for *Klebsiella pneumoniae*

23 Mar 2024

Author Names: Dangor Z.,Benson N.,Berkley J.A.,Bielicki J.,Bijsma M.W.,Broad J.,Buurman E.T.,Cross A.,Duffy E.M.,Holt K.E.,Iroh Tam P.-Y.,Jit M.,Karampatsas K.,Katwere M.,Kwatra G.,Laxminarayan R.,Le Doare K.,Mboizi R.,Micoli F.,Moore C.E.,Nakabembe E.,Naylor N.R.,O'Brien S.,Olwagen C.,Reddy D.,Rodrigues C.,Rosen D.A.,Sadarangani M.,Srikantiah P.,Tennant S.M.,Hasso-Agopsowicz M.,Madhi S.A

Excess resource use and cost of drug-resistant infections for six key pathogens in Europe: a systematic review and Bayesian meta-analysis

23 Mar 2024

Author Names: Kingston R.,Vella V.,Pouwels K.B.,Schmidt J.E.,Abdelatif El-Abasiri R.A.,Reyna-Villasmil E.,Hassoun-Kheir N.,Harbarth S.,Rodriguez-Bano J.,Tacconelli E.,Arieti F.,Gladstone B.P.,de Kraker M.E.A.,Naylor N.R.,Robotham J.V.,Lorenzo Argante,Barana B.,Cappelli E.,De Rui M.E.,Galia L.,Geurtsen J.,Guedes M.,Mejia J.,Palladino A.,Pezzani M.D.,Piljic A

A novel, fast, impedance-based antimicrobial susceptibility test for *Neisseria gonorrhoeae*

23 Mar 2024

Author Names: Daniels C. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: A novel, fast, impedance-based antimicrobial susceptibility test for *Neisseria gonorrhoeae* Year: 2023 Issue: Supplement 1 Volume: 5 Abstract: Objectives: To demonstrate that the impedance-based fast antimicrobial susceptibility test (iFAST) can define N

Use of invitations and reminders are associated with higher levels of Herpes zoster (shingles) vaccination uptake. A cross-sectional survey of general practices in Wales, and ecological analysis of uptake data, 2022

23 Mar 2024

Author Names: Rowley F.,Cottrell S.,Howard C.,Meredith N.,Song J.,Barrasa A.,Johnson C. Database Source: Embase Weekly Updates Journal Title: Vaccine,Vaccine Article Title: Use of invitations and reminders are associated with higher levels of Herpes zoster (shingles) vaccination uptake

Droplet digital PCR as alternative to microbiological culture for *Mycobacterium tuberculosis* complex detection in bovine lymph node tissue samples

23 Mar 2024

Author Names: Sanchez-Carvajal J.M.,Vera-Salmoral E.,Huerta B.,Galan-Relano A.,Ruedas-Torres I.,Larenas-Munoz F.,Luque I.,Carrasco L.,Gomez-Laguna J. Database Source: Embase Weekly Updates Journal Title: Frontiers in Cellular and Infection Microbiology,Frontiers in Cellular and Infection Microbiology Article Title: Droplet digital PCR as alternative to microbiological culture for

Author Correction: Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies (Nature, (2021), 593, 7857, (136-141), 10.1038/s41586-021-03412-7)

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The state of integrated disease surveillance globally: synthesis report of a mixed methods study

23 Mar 2024

Author Names: Lee A.C.K.,Iversen B.G.,Lynes S.,Desenclos J.-C.,Bezuidenhoudt J.E.,Flodgren G.M.,Pyone T. Database Source: Embase Weekly Updates Journal Title: Public Health,Public Health Article Title: The state of integrated disease surveillance globally: synthesis report of a mixed methods study Year: 2024 Issue: Volume: 228 Abstract: Objectives: Disease surveillance is an

Evaluating the role of primary care pharmacy technicians in antimicrobial stewardship (AMS) and acne management using TARGET resources

23 Mar 2024

Author Names: Lakha A.,Fleming N.,Sonnex K.,Thornley T.,Anderson C.,Hand K.,Ashiru-Oredope D. Database Source: Embase Weekly Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Evaluating the role of primary care pharmacy technicians in antimicrobial stewardship (AMS) and acne management using TARGET resources Year: 2024 Issue: 1 Volume: 6 Abstract: Background:

Nowcasting the 2022 mpox outbreak in England

23 Mar 2024

Author Names: Overton C.E.,Abbott S.,Christie R.,Cumming F.,Day J.,Jones O.,Paton R.,Turner C.,Ward T. Database Source: Embase Weekly Updates Journal Title: PLoS Computational Biology,PLoS Computational Biology Article Title: Nowcasting the 2022 mpox outbreak in England Year: 2023 Issue: 9 September Volume: 19 Abstract: In May 2022, a cluster of mpox cases were detected in the UK

Comparing patients' and healthcare professionals' experiences and views on the management of recurrent urinary tract infections: qualitative evidence synthesis and meta-ethnography

23 Mar 2024

Author Names: Sanyaolu L.,Hayes C.,Lecky D.,Weightman A.,Ahmed H.,Cannings-John R.,Edwards A.,Wood F. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Comparing patients' and healthcare professionals' experiences and views on the management of recurrent urinary tract infections: qualitative evidence synthesis and meta-ethnography Year: 2023

Community-acquired Staphylococcus aureus bacteraemia among people who inject drugs: a national cohort study in England, 2017-2020

23 Mar 2024

Author Names: McGuire E.,Collin S.M.,Brown C.S.,Saito M. Database Source: Embase Weekly Updates Journal Title: Clinical infectious diseases : an official publication of the Infectious Diseases Society of America Article Title: Community-acquired Staphylococcus aureus bacteraemia among people who inject drugs: a national cohort study in England, 2017-2020 Year: 2024 Issue: Volume:

A combination of nirmatrelvir and ombitasvir boosts inhibition of SARS-CoV-2 replication

23 Mar 2024

Author Names: Moon C.,Porges E.,Roberts A.,Bacon J. Database Source: Embase Daily Updates Journal Title: Antiviral research Article Title: A combination of nirmatrelvir and ombitasvir boosts inhibition of SARS-CoV-2 replication Year: 2024 Issue: Volume: Abstract: Antiviral therapeutics are highly effective countermeasures for the treatment of coronavirus disease 2019 (COVID-19)

Assessment of the impact of integrated disease surveillance and response system on surveillance management at healthcare facilities in Pakistan

23 Mar 2024

Author Names: Haq Z.U.,Fazid S.,Hussain B.,Khan M.F.,Betanni A.,Behrawar B.,Afridi S. Database Source: Embase Weekly Updates Journal Title: Eastern Mediterranean Health Journal,Eastern Mediterranean Health Journal Article Title: Assessment of the impact of integrated disease surveillance and response system on surveillance management at healthcare facilities in Pakistan,Evaluation de

Antimicrobial resistance prevalence in bloodstream infection in 29 European countries by age and sex: An observational study

23 Mar 2024

Author Names: Waterlow N.R.,Cooper B.S.,Robotham J.V.,Knight G.M. Database Source: Embase Weekly Updates Journal Title: PLoS Medicine,PLoS Medicine Article Title: Antimicrobial resistance prevalence in bloodstream infection in 29 European countries by age and sex: An observational study Year: 2024 Issue: 3 Volume: 21 Abstract: Background Antibiotic usage, contact with high

Influenza vaccination during the 2021/22 season: A data-linkage test-negative case-control study of effectiveness against influenza requiring emergency care in England and serological analysis of primary care patients

23 Mar 2024

Author Names: Whitaker H.J.,Hassell K.,Hoschler K.,Power L.,Stowe J.,Boddington N.L.,Tsang C.,Zhao H.,Linley E.,Button E.,Okusi C.,Aspden C.,Byford R.,deLusignan S.,Amirthalingam G.,Zambon M.,Andrews N.J.,Watson C

Novel phenotypic, impedance-based fast antibiotic susceptibility test (AST) can distinguish between MRSA and MSSA in 2 h

23 Mar 2024

Author Names: Martin B. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Novel phenotypic, impedance-based fast antibiotic susceptibility test (AST) can distinguish between MRSA and MSSA in 2 h Year: 2023 Issue: Supplement 1 Volume: 5 Abstract: Background: Antimicrobial resistance (AMR) is a global problem and is forecast that by 2050

Combining models to generate a consensus effective reproduction number R_{eff} for the COVID-19 epidemic status in England

23 Mar 2024

Author Names: Manley H.,Park J.,Bevan L.,Sanchez-Marroquin A.,Danelian G.,Bayley T.,Bowman V.,Maishman T.,Finnie T.,Charlett A.,Watkins N.A.,Hutchinson J.,Riley S.,Panovska-Griffiths J. Database Source: Embase Weekly Updates Journal Title: Epidemiology and Infection,Epidemiology and Infection Article Title: Combining models to generate a consensus effective reproduction number R_{eff}

Facilitating knowledge transfer to policy makers and front-line workers during a pandemic: Implementation, impact and lessons learned

23 Mar 2024

Author Names: Pearce-Smith N., Farrow E., Robinson J., Mahon B., McGillicuddy C., Savage K. Database Source: Embase Weekly Updates Journal Title: Health information and libraries journal Article Title: Facilitating knowledge transfer to policy makers and front-line workers during a pandemic: Implementation, impact and lessons learned Year: 2024 Issue: Volume: Abstract: BACKGROUND:

Rebound of Gonorrhoea after Lifting of COVID-19 Preventive Measures, England

23 Mar 2024

Author Names: Fountain H., Migchelsen S.J., Charles H., Ram T., Fifer H., Mohammed H., Sinka K. Database Source: Embase Weekly Updates Journal Title: Emerging Infectious Diseases, Emerging Infectious Diseases Article Title: Rebound of Gonorrhoea after Lifting of COVID-19 Preventive Measures, England Year: 2024 Issue: 2 Volume: 30 Abstract: After lifting of all COVID-19 preventive measures

Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England

23 Mar 2024

Author Names: Knock E.S., Whittles L.K., Lees J.A., Perez-Guzman P.N., Verity R., FitzJohn R.G., Gaythorpe K.A.M., Imai N., Hinsley W., Okell L.C., Rosello A., Kantas N., Walters C.E., Bhatia S., Watson O.J., Whittaker C., Cattarino L., Boonyasiri A., Djaafara B.A., Fraser K., Fu H., Wang H., Xi X., Donnelly C.A., Jauneikaite E., Laydon D.J., White P.J., Ghani A.C., Ferguson N.M., Cori A., Baguelin M

Scoring epidemiological forecasts on transformed scales

23 Mar 2024

Author Names: Bosse N.I., Abbott S., Cori A., van Leeuwen E., Bracher J., Funk S. Database Source: Embase Weekly Updates Journal Title: PLoS Computational Biology, PLoS Computational Biology Article Title: Scoring epidemiological forecasts on transformed scales Year: 2023 Issue: 8 August Volume: 19 Abstract: Forecast evaluation is essential for the development of predictive epidemic

Re-analysis of an outbreak of Shiga toxin-producing Escherichia coli O157:H7 associated with raw drinking milk using Nanopore sequencing

23 Mar 2024

Author Names: Greig D.R., Do Nascimento V., Gally D.L., Gharbia S.E., Dallman T.J., Jenkins C. Database Source: Embase Weekly Updates Journal Title: Scientific reports Article Title: Re-analysis of an outbreak of Shiga toxin-producing Escherichia coli O157:H7 associated with raw drinking milk using Nanopore sequencing Year: 2024 Issue: 1 Volume: 14 Abstract: The aim of this study was to

Strategies for Older People living in care homes to prevent Urinary Tract Infection: the 'StOP UTI' realist synthesis of evidence

23 Mar 2024

Author Names: Prieto J., Wilson J., Tingle A., Cooper E., Handley M., Rycroft-Malone J., Bostock J., Loveday H. Database Source: Embase Daily Updates Journal Title: JAC-

Antimicrobial Resistance Article Title: Strategies for Older People living in care homes to prevent Urinary Tract Infection: the 'StOP UTI' realist synthesis of evidence Year: 2023 Issue: Supplement 3 Volume: 5 Abstract:

Investigating the cause of increased tetracycline-resistant *Neisseria gonorrhoeae* in England, 2016-20.

23 Mar 2024

Author Names: Pitt-Kendall R, Sun S, Hughes S, Merrick R, Donaldson H, Rayment M, Ivanov Z, Day M, Bari A, Rebec M, Callan E, Mohammed H, Sinka K, Cole M, Fifer H Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 22, 2024> Journal Title: Journal of Antimicrobial Chemotherapy Article Title: Investigating the cause of increased tetracycline-resistant *Neisseria gonorrhoeae* in England, 2016-20

Occupational exposure to particulate matter and staff sickness absence on the London underground

23 Mar 2024

Author Names: Mak J., Feary J., Amaral A.F.S., Marczylo E., Cullinan P., Green D.C. Database Source: Embase Weekly Updates Journal Title: Environment International, Environment International Article Title: Occupational exposure to particulate matter and staff sickness absence on the London underground Year: 2024 Issue: Volume: 185 Abstract: The London Underground (LU) employs over 19,000

Estimating the health effects of COVID-19-related immunisation disruptions in 112 countries during 2020-30: a modelling study

23 Mar 2024

Author Names: Hartner A.-M., Li X., Echeverria-Londono S., Roth J., Abbas K., Auzenberg M., de Villiers M.J., Ferrari M.J., Fraser K., Fu H., Hallett T., Hinsley W., Jit M., Karachaliou A., Moore S.M., Nayagam S., Papadopoulos T., Perkins T.A., Portnoy A., Minh Q.T., Vynnycky E., Winter A.K., Burrows H., Chen C., Clapham H.E., Deshpande A., Hauryski S., Huber J., Jean K., Kim C., Kim J.-H., Koh J., Lopman B.A., Pitzer V.E

Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies

23 Mar 2024

Author Names: Collier D.A., De Marco A., Ferreira I.A.T.M., Meng B., Datir R.P., Walls A.C., Kemp S.A., Bassi J., Pinto D., Silacci-Fregni C., Bianchi S., Tortorici M.A., Bowen J., Culap K., Jaconi S., Cameroni E., Snell G., Pizzuto M.S., Pellanda A.F., Garzoni C., Riva A., Baker S., Dougan G., Hess C., Lehner P.J., Lyons P.A., Matheson N.J., Owehand W.H., Saunders C., Summers C., Thaventhiran J.E.D., Toshner M., Weekes M.P

Global evaluation of lineage-specific human papillomavirus capsid antigenicity using antibodies elicited by natural infection

23 Mar 2024

Author Names: Kamuyu G., Coelho da Silva F., Tenet V., Schussler J., Godi A., Herrero R., Porras C., Mirabello L., Schiller J.T., Sierra M.S., Kreimer A.R., Clifford G.M., Beddows S. Database Source: Embase Weekly Updates Journal Title: Nature Communications, Nature Communications Article Title: Global evaluation of lineage-specific human papillomavirus capsid antigenicity using antibodies elicited by

Chemical Profile and Antioxidant and Antimicrobial Activity of Rosa canina L. Dried Fruit Commercially Available in Serbia

23 Mar 2024

Author Names: Miljkovic V.M., Nikolic L., Mrmosanin J., Gajic I., Mihajilov-Krstev T., Zvezdanovic J., Miljkovic M. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences, International Journal of Molecular Sciences Article Title: Chemical Profile and Antioxidant and Antimicrobial Activity of Rosa canina L

Prevalence of asymptomatic bacteriuria and associated risk factors in an adult population relevant to UK primary care: a systematic review and meta-analysis

23 Mar 2024

Author Names: Moore A., Coyle C., Seeley A., Cherrington-Walker P., Khan M., Fanshawe T., Pouwels K., Lecky D., Hayward G., Cooper E. Database Source: Embase Daily Updates Journal Title: JAC-Antimicrobial Resistance Article Title: Prevalence of asymptomatic bacteriuria and associated risk factors in an adult population relevant to UK primary care: a systematic review and meta-analysis Year: 2023

Geographical and temporal distribution of multidrug-resistant Salmonella Infantis in Europe and the Americas

23 Mar 2024

Author Names: Guzinski J., Potter J., Tang Y., Davies R., Teale C., Petrovska L. Database Source: Embase Weekly Updates Journal Title: Frontiers in Microbiology, Frontiers in Microbiology Article Title: Geographical and temporal distribution of multidrug-resistant Salmonella Infantis in Europe and the Americas Year: 2023 Issue: Volume: 14 Abstract: Recently emerged S

Effect of second booster vaccinations and prior infection against SARS-CoV-2 in the UK SIREN healthcare worker cohort

23 Mar 2024

Author Names: Kirwan P.D., Hall V.J., Foulkes S., Otter A.D., Munro K., Sparkes D., Howells A., Platt N., Broad J., Crossman D., Norman C., Corrigan D., Jackson C.H., Cole M., Brown C.S., Atti A., Islam J., Lewis T., Bain S., Thomas R., Geen J., Potheary C., Cutler S., Northfield J., Price C., Tomlinson J., Knight S., Macnaughton E., Watson E., Lazarus R., Sinclair A., Galliford J., Masunda B., Mahungu T., Rodger A., Hanison E

Risk of myocarditis and pericarditis after a COVID-19 mRNA vaccine booster and after COVID-19 in those with and without prior SARS-CoV-2 infection: A self-controlled case series analysis in England

23 Mar 2024

Author Names: Stowe J., Miller E., Andrews N., Whitaker H.J. Database Source: Embase Weekly Updates Journal Title: PLoS Medicine, PLoS Medicine Article Title: Risk of myocarditis and pericarditis after a COVID-19 mRNA vaccine booster and after COVID-19 in those with and without prior SARS-CoV-2 infection: A self-controlled case series analysis in England Year: 2023 Issue: 6 June Volume:

Impurities in Hyaluronic Acid Dermal Fillers? A Narrative Review on Nonanimal Cross-Linked Fillers

23 Mar 2024

Author Names: Wollina U.,Goldman A.,Kocic H.,Andjelkovic T.,Bogdanovic D.,Kokic I.K.
Database Source: Embase Weekly Updates Journal Title: Facial plastic surgery & aesthetic medicine Article Title: Impurities in Hyaluronic Acid Dermal Fillers? A Narrative Review on Nonanimal Cross-Linked Fillers Year: 2024 Issue: 2 Volume: 26 Abstract: Importance: Nonanimal cross-linked hyaluronic

Exploring awareness and prevalence of chronic viral hepatitis in a UK based Nepali population - lessons learned for future models in engaging migrant communities

23 Mar 2024

Author Names: Kelly C.,Mathew S.,Petrova M.,Shafi S.,Nicholls M.,Dar O.,Mendis J.,de Lusignan S.,Hendy J.,Ala A. Database Source: Embase Daily Updates Journal Title: Clinical medicine (London, England) Article Title: Exploring awareness and prevalence of chronic viral hepatitis in a UK based Nepali population - lessons learned for future models in engaging migrant communities Year: 2023

An international review of the characteristics of viral nucleic acid-amplification testing (NAT) reveals a trend towards the use of smaller pool sizes and individual donation NAT.

23 Mar 2024

Author Names: Faddy HM,Osiowy C,Custer B,Busch M,Stramer SL,Dean MM,Acutt J,Viennet E,van de Laar T,Tsoi WC,Styles C,Kiely P,Margaritis A,Kwon SY,Qiu Y,Deng X,Lewin A,Jorgensen SW,Erikstrup C,Juhl D,Sauleda S,Camacho Rodriguez BA,Soto Coral LJC,Gaviria Garcia PA,Oota S,O'Brien SF,Wendel S,Castro E,Navarro Perez L,Harvala H,Davison K,Reynolds C,Jarvis L,Grabarczyk P,Kopacz A,Letowska M,O'Flaherty

Risk factors for SARS-CoV-2 infection at a UK electricity-generating company: a test-negative design case-control study.

22 Mar 2024

Author Names: Rutter CE,van Tongeren M,Fletcher T,Rhodes S,Chen Y,Hall I,Warren N,Pearce N Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 21, 2024> Journal Title: Occupational & Environmental Medicine Article Title: Risk factors for SARS-CoV-2 infection at a UK electricity-generating company: a test-negative design case-control study

Antibody correlates of protection against Delta infection after vaccination: A nested case-control within the UK-based SIREN study.

22 Mar 2024

Author Names: Atti A,Insalata F,Carr EJ,Otter AD,Foulkes S,Wu MY,Cole MJ,Linley E,Semper A,Brooks T,Hopkins S,Charlett A,Beale R,Hall V Database Source: Ovid MEDLINE(R) Daily Update <March 21, 2024> Journal Title: Journal of Infection Article Title: Antibody correlates of protection against Delta infection after vaccination: A nested case-control within the UK-based SIREN study

Impact of national commissioning of pre-exposure prophylaxis (PrEP) on equity of access in England: a PrEP-to-need ratio investigation.

22 Mar 2024

Author Names: Coukan F,Sullivan A,Mitchell H,Jaffer S,Williams A,Saunders J,Atchison C,Ward H Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 21, 2024> Journal Title: Sexually Transmitted Infections Article Title: Impact of national commissioning

of pre-exposure prophylaxis (PrEP) on equity of access in England: a PrEP-to-need ratio investigation

Sexual and reproductive health in Britain during the first year of the COVID-19 pandemic: cross-sectional population survey (Natsal-COVID-Wave 2) and national surveillance data.

22 Mar 2024

Author Names: Mitchell KR, Willis M, Dema E, Baxter AJ, Connolly A, Riddell J, Boso Perez R, Clifton S, Gibbs J, Tanton C, Geary R, Ratna N, Mohammed H, Unemo M, Bonell C, Copas A, Sonnenberg P, Mercer CH, Field N Database Source: Ovid MEDLINE(R) Daily Update <March 21, 2024> Journal Title: Sexually Transmitted Infections Article Title: Sexual and reproductive health in Britain during the first year of the

Listeria monocytogenes: the silent assassin.

22 Mar 2024

Author Names: Fotopoulou ET, Jenkins C, Painset A, Amar C Database Source: Ovid MEDLINE(R) Daily Update <March 21, 2024> Journal Title: Journal of Medical Microbiology Article Title: <ovid:i>Listeria monocytogenes:</ovid:i> the silent assassin. Year: 2024 Issue: 3 Volume: 73 Abstract: Listeriosis is a foodborne infection in humans caused by <ovid:i>Listeria monocytogenes

Lymphocytic choriomeningitis arenavirus requires cellular COPI and AP-4 complexes for efficient virion production.

22 Mar 2024

Author Names: Byford O, Shaw AB, Tse HN, Todd EJAA, Alvarez-Rodriguez B, Hewson R, Fontana J, Barr JN Database Source: Ovid MEDLINE(R) Daily Update <March 21, 2024> Journal Title: Journal of Virology Article Title: Lymphocytic choriomeningitis arenavirus requires cellular COPI and AP-4 complexes for efficient virion production

Histopathological findings from the investigation of paediatric acute hepatitis of unknown aetiology, United Kingdom 2022.

22 Mar 2024

Author Names: Callaby H, McGuire E, Rajwal S, Stahlschmidt J, Hartley J, Brown RM, Deheragoda M, Quaglia A, Rampling T, Houlihan CF, Claire Gordon N, Brown CS, Simmons R, Samson A, Mandal S, Grammatikopoulos T, Demirjian A Database Source: Ovid MEDLINE(R) Daily Update <March 21, 2024> Journal Title: Journal of Pediatric Gastroenterology & Nutrition Article Title: Histopathological findings from the

Re-analysis of an outbreak of Shiga toxin-producing Escherichia coli O157:H7 associated with raw drinking milk using Nanopore sequencing.

21 Mar 2024

Author Names: Greig DR, Do Nascimento V, Gally DL, Gharbia SE, Dallman TJ, Jenkins C Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Scientific Reports Article Title: Re-analysis of an outbreak of Shiga toxin-producing Escherichia coli O157:H7 associated with raw drinking milk using Nanopore sequencing

Diversity of symptom phenotypes in SARS-CoV-2 community infections observed in multiple large datasets.

21 Mar 2024

Author Names: Fyles M,Vihta KD,Sudre CH,Long H,Das R,Jay C,Wingfield T,Cumming F,Green W,Hadjipantelis P,Kirk J,Steves CJ,Ourselin S,Medley GF,Fearon E,House T
Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024>
Journal Title: Scientific Reports Article Title: Diversity of symptom phenotypes in SARS-CoV-2 community infections observed in multiple large datasets

Addressing long-term and repeat antibiotic prescriptions in primary care: considerations for a behavioural approach.

21 Mar 2024

Author Names: Krockow EM,Harvey EJ,Ashiru-Oredope D Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: BMJ Quality & Safety Article Title: Addressing long-term and repeat antibiotic prescriptions in primary care: considerations for a behavioural approach. Year: 2022 Issue: 11 Volume: 31 Abstract:

A self-controlled case series study to measure the risk of SARS-CoV-2 infection associated with attendance at sporting and cultural events: the UK Events Research Programme events.

21 Mar 2024

Author Names: Douglas IJ,Peh J,Mansfield KE,Trelfa A,Fowler T,Boulter M,Cleary P,Smith J,Edmunds WJ Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: BMC Medicine Article Title: A self-controlled case series study to measure the risk of SARS-CoV-2 infection associated with attendance at sporting and cultural events: the UK Events Research Programme

Persistent symptoms are associated with long term effects of COVID-19 among children and young people: Results from a systematic review and meta-analysis of controlled studies.

21 Mar 2024

Author Names: Behnood S,Newlands F,O'Mahoney L,Haghighat Ghahfarokhi M,Muhid MZ,Dudley J,Stephenson T,Ladhani SN,Bennett S,Viner RM,Bhopal R,Kolasinska P,Shafran R,Swann OV,Takeda A Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: PLoS ONE [Electronic Resource] Article Title: Persistent symptoms are associated with long term effects of COVID-19 among children

Ethnic differences in cellular and humoral immune responses to SARS-CoV-2 vaccination in UK healthcare workers: a cross-sectional analysis.

21 Mar 2024

Author Names: Martin CA,Nazareth J,Jarkhi A,Pan D,Das M,Logan N,Scott S,Bryant L,Abeywickrama N,Adeoye O,Ahmed A,Asif A,Bandi S,George N,Gohar M,Gray LJ,Kaszuba R,Mangwani J,Martin M,Moorthy A,Renals V,Teece L,Vail D,Khunti K,Moss P,Tattersall A,Hallis B,Otter AD,Rowe C,Willett BJ,Haldar P,Cooper A,Pareek M Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 20, 2024> Journal Title:

COVID-19-related mortality and hospital admissions in the VIVALDI study cohort: October 2020 to March 2023.

21 Mar 2024

Author Names: Stirrup O,Krutikov M,Azmi B,Monakhov I,Hayward A,Copas A,Shallcross L Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024>

Journal Title: Journal of Hospital Infection Article Title: COVID-19-related mortality and hospital admissions in the VIVALDI study cohort: October 2020 to March 2023

The impact of the cost-of-living crisis on population health in the UK: rapid evidence review.

21 Mar 2024

Author Names: Meadows J, Montano M, Alfar AJK, Baskan OY, De Brun C, Hill J, McClatchey R, Kallfa N, Fernandes GS Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: BMC Public Health Article Title: The impact of the cost-of-living crisis on population health in the UK: rapid evidence review

Effectiveness of BNT162b2 mRNA vaccine third doses and previous infection in protecting against SARS-CoV-2 infections during the Delta and Omicron variant waves; the UK SIREN cohort study September 2021 to February 2022.

21 Mar 2024

Author Names: Hall VJ, Insalata F, Foulkes S, Kirwan P, Sparkes D, Atti A, Cole M, de Lacy E, Price L, Corrigan D, Brown CS, Islam J, Charlett A, Hopkins S Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Journal of Infection Article Title: Effectiveness of BNT162b2 mRNA vaccine third doses and previous infection in protecting against SARS-CoV-2 infections

Multiple-criteria analysis of the employee satisfaction level at healthcare facilities during the pandemic.

21 Mar 2024

Author Names: Mladenovic-Ranisavljevic I, Stefanovic V, Urosevic S, Ilic-Stojanovic S Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 20, 2024> Journal Title: International Journal of Occupational Safety & Ergonomics Article Title: Multiple-criteria analysis of the employee satisfaction level at healthcare facilities during the pandemic

Shedding and exclusion from childcare in children with Shiga toxin-producing Escherichia coli, 2018-2022.

21 Mar 2024

Author Names: Vusirikala A, Rowell S, Dabke G, Fox G, Bell J, Manuel R, Jenkins C, Love N, McCarthy N, Sumilo D, Balasegaram S Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: Epidemiology & Infection Article Title: Shedding and exclusion from childcare in children with Shiga toxin-producing <ovid:i>Escherichia coli</ovid:i>, 2018-2022

When is Burkholderia cepacia complex truly eradicated in adults with cystic fibrosis? A 20-year follow up study.

21 Mar 2024

Author Names: Tewkesbury DH, Pollard LR, Green HD, Horsley A, Kenna D, Jones AM Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: Journal of Cystic Fibrosis Article Title: When is Burkholderia cepacia complex truly eradicated in adults with cystic fibrosis? A 20-year follow up study

Risk of paediatric multisystem inflammatory syndrome (PIMS-TS) during the SARS-CoV-2 alpha and delta variant waves: National observational and modelling study, 2020-21, England.

21 Mar 2024

Author Names: Shingleton J,Burton L,Williams HE,Finnie TJR,Bennett E,Birrell P,Kenny S,Watson-Koszel T,Viner R,Arditi M,DeAngelis D,Gent N,Ladhani SN Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 20, 2024> Journal Title: Frontiers in Pediatrics Article Title: Risk of paediatric multisystem inflammatory syndrome (PIMS-TS) during the SARS-CoV-2 alpha and delta variant waves:

Optimising health and economic impacts of COVID-19 vaccine prioritisation strategies in the WHO European Region: a mathematical modelling study.

21 Mar 2024

Author Names: Liu Y,Sandmann FG,Barnard RC,Pearson CAB,Pastore R,Pebody R,Flasche S,Jit M Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 20, 2024> Journal Title: The Lancet Regional Health. Europe Article Title: Optimising health and economic impacts of COVID-19 vaccine prioritisation strategies in the WHO European Region: a mathematical modelling study

Epidemiological impact of a large number of false negative SARS-CoV-2 test results in South West England during September and October 2021.

21 Mar 2024

Author Names: Hounsome L,Herr D,Bryant R,Smith R,Loman L,Harris J,Youhan U,Dzene E,Hadjipantelis P,Long H,Laurence T,Riley S,Cumming F Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Epidemics Article Title: Epidemiological impact of a large number of false negative SARS-CoV-2 test results in South West England during September and October 2021

Vaccine value profile for Klebsiella pneumoniae.

21 Mar 2024

Author Names: Dangor Z,Benson N,Berkley JA,Bielicki J,Bijnsma MW,Broad J,Buurman ET,Cross A,Duffy EM,Holt KE,Iroh Tam PY,Jit M,Karampatsas K,Katwera M,Kwatra G,Laxminarayan R,Le Doare K,Mboizi R,Micoli F,Moore CE,Nakabembe E,Naylor NR,O'Brien S,Olwagen C,Reddy D,Rodrigues C,Rosen DA,Sadarangani M,Srikantiah P,Tennant SM,Hasso-Agopsowicz M,Madhi SA Database Source: Ovid MEDLINE(R) Epub Ahead of

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21 Mar 2024

Author Names: Burnside G,Cheyne CP,Leeming G,Humann M,Darby A,Green MA,Crozier A,Maskell S,O'Halloran K,Musi E,Carmi E,Khan N,Fisher D,Corcoran R,Dunning J,Edmunds WJ,Tharmaratnam K,Hughes DM,Malki-Epshtein L,Cook M,Roberts BM,Gallagher E,Howell K,Chand M,Kemp R,Boulter M,Fowler T,Semple MG,Coffey E,Ashton M,Garcia-Finana M,Buchan IE Database Source: Ovid MEDLINE(R) Daily Update <March 20,

Dosing interval strategies for two-dose COVID-19 vaccination in 13 middle-income countries of Europe: Health impact modelling and benefit-risk analysis.

21 Mar 2024

Author Names: Liu Y,Pearson CAB,Sandmann FG,Barnard RC,Kim JH,Flasche S,Jit M,Abbas K Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 20, 2024> Journal Title: The Lancet Regional Health. Europe Article Title: Dosing interval strategies for

two-dose COVID-19 vaccination in 13 middle-income countries of Europe: Health impact modelling and benefit-risk analysis

Understanding the infection severity and epidemiological characteristics of mpox in the UK.

21 Mar 2024

Author Names: Ward T,Overton CE,Paton RS,Christie R,Cumming F,Fyles M Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Nature communications Article Title: Understanding the infection severity and epidemiological characteristics of mpox in the UK

Nasal mucosal IgA levels against SARS-CoV-2 and seasonal coronaviruses are low in children but boosted by reinfection.

21 Mar 2024

Author Names: Dowell AC,Tut G,Begum J,Bruton R,Bentley C,Butler M,Uwenedi G,Zuo J,Powell AA,Brent AJ,Brent B,Baawuah F,Okike I,Beckmann J,Ahmad S,Aiano F,Garstang J,Ramsay ME,Moss P,Ladhani SN Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Journal of Infection Article Title: Nasal mucosal IgA levels against SARS-CoV-2 and seasonal coronaviruses

Is Silver Addition to Scaffolds Based on Polycaprolactone Blended with Calcium Phosphates Able to Inhibit Candida albicans and Candida auris Adhesion and Biofilm Formation?.

21 Mar 2024

Author Names: Menotti F,Scutera S,Maniscalco E,Coppola B,Bondi A,Costa C,Longo F,Mandras N,Pagano C,Cavallo L,Banche G,Malandrino M,Palmero P,Allizond V Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: International Journal of Molecular Sciences Article Title: Is Silver Addition to Scaffolds Based on Polycaprolactone Blended with Calcium Phosphates

CD4+ and CD8+ T cells and antibodies are associated with protection against Delta vaccine breakthrough infection: a nested case-control study within the PITCH study.

21 Mar 2024

Author Names: Neale I,Ali M,Kronsteiner B,Longet S,Abraham P,Deeks AS,Brown A,Moore SC,Stafford L,Dobson SL,Plowright M,Newman TAH,Wu MY,Carr EJ,Beale R,Otter AD,Hopkins S,Hall V,Tomic A,Payne RP,Barnes E,Richter A,Duncan CJA,Turtle L,de Silva TI,Carroll M,Lambe T,Klenerman P,Dunachie S Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: mBio Article

Impurities in Hyaluronic Acid Dermal Fillers? A Narrative Review on Nonanimal Cross-Linked Fillers.

21 Mar 2024

Author Names: Wollina U,Goldman A,Kocic H,Andjelkovic T,Bogdanovic D,Kocic IK Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Facial Plastic Surgery & Aesthetic Medicine Article Title: Impurities in Hyaluronic Acid Dermal Fillers? A Narrative Review on Nonanimal Cross-Linked Fillers

Assessment of global antimicrobial resistance campaigns conducted to improve public awareness and antimicrobial use behaviours: a rapid systematic review.

21 Mar 2024

Author Names: Gilham EL,Pearce-Smith N,Carter V,Ashiru-Oredope D Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: BMC Public Health Article Title: Assessment of global antimicrobial resistance campaigns conducted to improve public awareness and antimicrobial use behaviours: a rapid systematic review

Concomitant, consecutive, self-obtained facemask and swab samples from exhaled breath, pox lesions, nasopharynx and the face in patients recovering from mpox - A longitudinal sampling study.

21 Mar 2024

Author Names: Pan D,Atkinson B,Decker J,Williams CM,Nazareth J,Martin CA,Bird P,Fahad M,Nicholls I,Spencer A,Onianwa O,Vogt A,Sahota A,Tang JW,Stephenson I,Bennett AM,Pareek M,Barer MR Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: Journal of Infection Article Title: Concomitant, consecutive, self-obtained facemask and swab samples from exhaled breath, pox

SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses.

21 Mar 2024

Author Names: Dejnirattisai W,Huo J,Zhou D,Zahradnik J,Supasa P,Liu C,Duyvesteyn HME,Ginn HM,Mentzer AJ,Tuekprakhon A,Nutalai R,Wang B,Dijokaite A,Khan S,Avinoam O,Bahar M,Skelly D,Adele S,Johnson SA,Amini A,Ritter TG,Mason C,Dold C,Pan D,Assadi S,Bellass A,Omo-Dare N,Koeckerling D,Flaxman A,Jenkin D,Aley PK,Voysey M,Costa Clemens SA,Naveca FG,Nascimento V,Nascimento F,Fernandes da Costa

Droplet digital PCR as alternative to microbiological culture for Mycobacterium tuberculosis complex detection in bovine lymph node tissue samples.

21 Mar 2024

Author Names: Sanchez-Carvajal JM,Vera-Salmoral E,Huerta B,Galan-Relano A,Ruedas-Torres I,Larenas-Munoz F,Luque I,Carrasco L,Gomez-Laguna J Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: Frontiers in Cellular & Infection Microbiology Article Title: Droplet digital PCR as alternative to microbiological culture for <ovid:i>Mycobacterium

Antibiotic resistance determination using Enterococcus faecium whole-genome sequences: a diagnostic accuracy study using genotypic and phenotypic data.

21 Mar 2024

Author Names: Coll F,Gouliouris T,Blane B,Yeats CA,Raven KE,Ludden C,Khokhar FA,Wilson HJ,Roberts LW,Harrison EM,Horner CS,Le TH,Nguyen TH,Nguyen VT,Brown NM,Holmes MA,Parkhill J,Estee Torok M,Peacock SJ Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: The Lancet

Standardised quantitative assays for anti-SARS-CoV-2 immune response used in vaccine clinical trials by the CEPI Centralized Laboratory Network: a qualification analysis.

21 Mar 2024

Author Names: Manak M,Gagnon L,Phay-Tran S,Levesque-Damphousse P,Fabie A,Daugan M,Khan ST,Proud P,Hussey B,Knott D,Charlton S,Hallis B,Medigeschi GR,Garg N,Anantharaj A,Raqib R,Sarker P,Alam MM,Rahman M,Murreddu M,Balgobind A,Hofman R,Grappi S,Coluccio R,Calandro P,Montomoli E,Mattiuzzo G,Prior S,Le Duff Y,Page M,Mitchell J,Schwartz LM,Bartsch YC,Azizi A,Bernasconi V Database Source: Ovid

Chemical Profile and Antioxidant and Antimicrobial Activity of Rosa canina L. Dried Fruit Commercially Available in Serbia.

21 Mar 2024

Author Names: Miljkovic VM, Nikolic L, Mrmosanin J, Gajic I, Mihajilov-Krstev T, Zvezdanovic J, Miljkovic M Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: International Journal of Molecular Sciences Article Title: Chemical Profile and Antioxidant and Antimicrobial Activity of <ovid:i>Rosa canina</ovid:i> L. Dried Fruit Commercially Available in Serbia

Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose.

21 Mar 2024

Author Names: Reynolds CJ, Pade C, Gibbons JM, Butler DK, Otter AD, Menacho K, Fontana M, Smit A, Sackville-West JE, Cutino-Moguel T, Maini MK, Chain B, Noursadeghi M, Brooks T, Semper A, Manisty C, Treibel TA, Moon JC, Valdes AM, McKnight A, Altmann DM, Boyton R Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 20, 2024> Journal Title: Science Article Title: Prior SARS-CoV-2 infection rescues B and T

Information needs of ethnically diverse, vaccine-hesitant parents during decision-making about the HPV vaccine for their adolescent child: a qualitative study.

21 Mar 2024

Author Names: Fisher H, Denford S, Audrey S, Finn A, Hajinur H, Hickman M, Mounier-Jack S, Mohamed A, Roderick M, Tucker L, Yates J, Chantler T Database Source: Ovid MEDLINE(R) Daily Update <March 20, 2024> Journal Title: BMC Public Health Article Title: Information needs of ethnically diverse, vaccine-hesitant parents during decision-making about the HPV vaccine for their adolescent child: a

Demonstrating the learning and impact of embedding participant involvement in a pandemic research study: the experience of the SARS-CoV-2 immunity & reinfection evaluation (SIREN) study UK, 2020-2023.

21 Mar 2024

Author Names: Howells A, Aquino EN, Bose D, Kelly MG, Molony-Oates B, Syed AH, Tolley K, Neill C, Hopkins S, Hall V, Islam J Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 20, 2024> Journal Title: Research Involvement & Engagement Article Title: Demonstrating the learning and impact of embedding participant involvement in a pandemic research study: the experience of the SARS-CoV-2

The importance of using WHO International Standards to harmonise SARS-CoV-2 serological assays.

21 Mar 2024

Author Names: Hempel H, Page M, Kemp T, Semper A, Brooks T, Pinto LA Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 3 2024> Journal Title: The Lancet. Microbe Article Title: The importance of using WHO International Standards to harmonise SARS-CoV-2 serological assays

Exploring awareness and prevalence of chronic viral hepatitis in a UK based Nepali population - lessons learned for future models in engaging migrant communities.

20 Mar 2024

Author Names: Kelly C,Mathew S,Petrova M,Shafi S,Nicholls M,Dar O,Mendis J,de Lusignan S,Hendy J,Ala A Database Source: Ovid MEDLINE(R) Daily Update <March 19, 2024> Journal Title: Clinical Medicine Article Title: Exploring awareness and prevalence of chronic viral hepatitis in a UK based Nepali population - lessons learned for future models in engaging migrant communities

Disparities in COVID-19 mortality amongst the immunosuppressed: A systematic review and meta-analysis for enhanced disease surveillance.

20 Mar 2024

Author Names: Leston M,Elson W,Ordonez-Mena JM,Kar D,Whitaker H,Joy M,Roberts N,Hobbs FDR,de Lusignan S Database Source: Ovid MEDLINE(R) Daily Update <March 19, 2024> Journal Title: Journal of Infection Article Title: Disparities in COVID-19 mortality amongst the immunosuppressed: A systematic review and meta-analysis for enhanced disease surveillance

The reproduction number and its probability distribution for stochastic viral dynamics.

20 Mar 2024

Author Names: Williams B,Carruthers J,Gillard JJ,Lythe G,Perelson AS,Ribeiro RM,Molina-Paris C,Lopez-Garcia M Database Source: Ovid MEDLINE(R) Daily Update <March 19, 2024> Journal Title: Journal of the Royal Society Interface Article Title: The reproduction number and its probability distribution for stochastic viral dynamics

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