



Infection Current Awareness Update

01/04/2024

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**.

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Infection-related journals

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 - [Journal of Virology Current Issue - 6](#)
 - [Microbiology and Molecular Biology Reviews: Current Issue - 4](#)
 - [Morbidity and Mortality Weekly Report \(MMWR\) - 5](#)
 - [Nature Reviews Microbiology - Current Issue - 1](#)
 - [Scandinavian Journal of Infectious Diseases: Table of Contents - 6](#)
 - [Sexually Transmitted Infection Online First - 2](#)

UKHSA affiliated authors

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Infection-related guidance

European Centre for Disease Prevention and Control

[Avian influenza overview December 2023–March 2024](#)

26 Mar 2024

Between 2 December 2023 and 15 March 2024, highly pathogenic avian influenza (HPAI) A(H5) outbreaks were reported in domestic (227) and wild (414) birds across 26 countries in Europe.

[Rapid Outbreak Assessment: 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.

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Infection-related journals

Impact of External Female Urinary Catheter Use on Urine Chemistry Test Results

27 Mar 2024

Assess how urine chemistry tests are impacted by collection using a female external urinary catheter employing wicking and suction, to assess this catheter's potential as an alternative to transurethral catheters for collecting urine samples from incontinent patients.

Getting the drop on Staphylococcus aureus: Semiquantitative Staphylococcus aureus nasal colony reduction in orthopedic surgery reduces surgical site infection

27 Mar 2024

Surgical site infection (SSI) is a frequent health care–associated infection. We aimed to reduce SSI risk after joint arthroplasty and spine surgery by reducing Staphylococcus aureus colonization burden with presurgery intranasal povidone-iodine (PVP-I) application in conjunction with skin antisepsis (“the intervention”).

Candida auris outbreak at a tertiary care hospital during the COVID-19 pandemic

25 Mar 2024

Candida auris (C. auris) is a fungal pathogen that has the potential for environmental persistence leading to outbreaks in healthcare settings. There has been a worldwide surge in C. auris outbreaks during the COVID-19 pandemic. In this report, we describe an outbreak of C. auris, its control, patient outcomes, and lessons learned.

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BMJ Quality & Safety - current issue

Lost in translation: does measuring 'adherence to the Surgical Safety Checklist indicate true implementation fidelity?

25 Mar 2024

The use of checklists in surgery is a best practice.¹ There is a plethora of evidence that suggests using the WHO Surgical Safety Checklist (SSC) reduces complications such as pneumonia,² intraoperative blood loss,^{2 3} sepsis,² unplanned intubation,² urinary tract infections,² wound infections,^{2–4} 30-day readmissions and 30-day mortality

Elusive but hopefully not illusive: coordinating care for patients with heart failure with preserved ejection fraction

25 Mar 2024

Depending on your perspective, a unicorn could be either a magical horned creature or a billion-dollar start-up. Alternatively, it could represent coordinated care for patients with heart failure with preserved ejection fraction (HFpEF), as it does for Brooman-White et al

Effective use of interdisciplinary approaches in healthcare quality: drawing on operations and visual management

25 Mar 2024

Thinkers from the broad field of quality management, such as Edwards Deming, have influenced the more focused field of healthcare quality including international organisations such as the Institute for Healthcare Improvement and The Health Foundation

CheckPOINT: a simple tool to measure Surgical Safety Checklist implementation fidelity

25 Mar 2024

Introduction The WHO Surgical Safety Checklist (SSC) is a communication tool that improves teamwork and patient outcomes. SSC effectiveness is dependent on implementation fidelity. Administrative audits fail to capture most aspects of SSC implementation fidelity (ie, team communication and engagement)

Informing understanding of coordination of care for patients with heart failure with preserved ejection fraction: a secondary qualitative analysis

25 Mar 2024

Background Patients with heart failure with preserved ejection fraction (HFpEF) are a complex and underserved group. They are commonly older patients with multiple comorbidities, who rely on multiple healthcare services

How to co-design a prototype of a clinical practice tool: a framework with practical guidance and a case study

25 Mar 2024

Clinical tools for use in practice—such as medicine reconciliation charts, diagnosis support tools and track-and-trigger charts—are endemic in healthcare, but relatively little attention is given to how to optimise their design

Intrapartum electronic fetal monitoring: imperfect technologies and clinical uncertainties-- what can a human factors and social science approach add?

25 Mar 2024

For many women, fetal well-being in labour is assessed using continuous electronic fetal monitoring with cardiotocography (CTG), a technique used to monitor the fetal heartbeat and uterine contractions during pregnancy and labour

Why is safety in intrapartum electronic fetal monitoring so hard? A qualitative study combining human factors/ergonomics and social science analysis

25 Mar 2024

Background Problems in intrapartum electronic fetal monitoring with cardiotocography (CTG) remain a major area of preventable harm. Poor understanding of the range of influences on safety may have hindered improvement

Practice or perfect? Coaching for a growth mindset to improve the quality of healthcare

25 Mar 2024

Introduction Perfection in this science, or rather art [i.e. medicine] takes longer to be mastered than human life [affords]—Maimonides, philosopher and physician, Middle Ages.1

A veritable quality improvement (QI) industry has emerged that centres around initiatives to improve patient outcomes or health system performance

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Clinical Infectious Diseases - Advance Access

Cardiac Adverse Events and Remdesivir in Hospitalized Patients with Coronavirus Disease 2019 (COVID-19): A Post Hoc Safety Analysis of the Randomized DisCoVeRy Trial

29 Mar 2024

True DisCoVeRy of COVID-19 Disease Burden Versus Speculated Antiviral Cardiovascular Risk Requires a Control Group

29 Mar 2024

Revolutionizing Daptomycin Dosing: A Single 7-11 Hour Sample for Pragmatic Application

29 Mar 2024

Correction to: Capturing Data on Antimicrobial Resistance Patterns and Trends in Use in Regions of Asia (CAPTURA) Supplement

29 Mar 2024

A Phase 2 Clinical Trial to Evaluate the Safety, Reactogenicity, and Immunogenicity of Different Prime-Boost Vaccination Schedules of 2013 and 2017 A(H7N9) Inactivated Influenza Virus Vaccines Administered with and without AS03 Adjuvant in Healthy US Adults

27 Mar 2024

Epidemiology and Treatment Outcomes of Tuberculosis with Chronic Hepatitis B Infection—California, 2016–2020

26 Mar 2024

Lower Insulin Sensitivity Through 36 Months of Life With in Utero HIV and Antiretroviral Exposure in Botswana: Results From the Tshilo Dikotla Study

26 Mar 2024

Household Transmission Dynamics of Asymptomatic SARS-CoV-2–Infected Children: A Multinational, Controlled Case-Ascertained Prospective Study

26 Mar 2024

Exploration of a Potential DOOR Endpoint for Hospital-Acquired Bacterial Pneumonia and Ventilator-Associated Bacterial Pneumonia Using Six Registrational Trials for Antibacterial Drugs

25 Mar 2024

Mutation rate of AmpC- β -lactamase-producing Enterobacterales and treatment in clinical practice: A word of caution

25 Mar 2024

Predictors of mortality of streptococcal bacteremia and the role of infectious diseases consultation; a retrospective cohort study

25 Mar 2024

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Clinical Microbiology and Infection

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

31 Mar 2024

Publication date: Available online 29 March 2024 Source: Clinical Microbiology and Infection Author(s): Soheila Aghlmandi, Julia Bielicki, Heiner C. Bucher

Monetary incentives for vaccination: effectiveness and unintended consequences

31 Mar 2024

Publication date: Available online 29 March 2024 Source: Clinical Microbiology and Infection Author(s): Pol Campos-Mercade, Florian H. Schneider

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

31 Mar 2024

Publication date: Available online 29 March 2024 Source: Clinical Microbiology and Infection Author(s): Olivier Paccoud, Marie Desnos-Ollivier, Florence Persat, Magalie Demar, Karine Boukris-Sitbon, Anne-Pauline Bellanger, Julie Bonhomme, Christine Bonnal, Françoise Botterel, Marie-Elisabeth Bougnoux, Sophie Brun, Sophie Cassaing, Estelle Cateau, Taieb Chouaki, Muriel Cornet, Eric Dannaoui, Nicole

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

31 Mar 2024

Publication date: Available online 29 March 2024 Source: Clinical Microbiology and Infection Author(s): Kevin B. Laupland, Felicity Edwards, Zoe Dettrick, Patrick N.A. Harris

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

29 Mar 2024

Publication date: Available online 28 March 2024 Source: Clinical Microbiology and Infection Author(s): Geert V.T. Roozen, Manon L.M. Prins, Corine Prins, Jacqueline J. Janse, Heidi L.M. de Gruyter, Cilia R. Pothast, Wesley Huisman, Jan Pieter R. Koopman, Olivia A.C. Lamers, Marjan Kuijter, Sebenzile K. Myeni, Rob S. van Binnendijk, Gerco den Hartog, Mirjam H.M. Heemskerk, Simon P. Jochems, Mariet C

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

29 Mar 2024

Publication date: Available online 29 March 2024 Source: Clinical Microbiology and Infection Author(s): Guido Granata, Eskild Petersen, Alessandro Capone, Daniele Donati, Benedetta Andriolo, Maya Gross, Stefania Cicalini, Nicola Petrosillo

Follow-up blood cultures do not reduce mortality in hospitalized patients with Gram-negative bloodstream infection: a retrospective population-wide cohort study.

28 Mar 2024

Publication date: Available online 27 March 2024 Source: Clinical Microbiology and Infection Author(s): Sean W.X. Ong, Jin Luo, Daniel J. Fridman, Samantha M. Lee, Jennie Johnstone, Kevin L. Schwartz, Christina Diong, Samir N. Patel, Derek MacFadden, Bradley Langford, Steven Y.C. Tong, Kevin A. Brown, Nick Daneman

"Stuck in pandemic uncertainty: A review of the persistent Effects of COVID-19 infection in immune deficient people"

28 Mar 2024

Publication date: Available online 27 March 2024 Source: Clinical Microbiology and Infection Author(s): Bevin Manuelpillai, Mackenzie Zendt, Emma Chang-Rabley, Emily E. Ricotta

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

28 Mar 2024

Publication date: Available online 28 March 2024 Source: Clinical Microbiology and Infection Author(s): Patrick D.J. Sturm, Noud T.H. Hermans, Adri G.M. van der Zanden, Cas J.A. Peters, Tanja Schülin

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

27 Mar 2024

Publication date: Available online 26 March 2024 Source: Clinical Microbiology and Infection Author(s): Léa Poussier, Alexandra Mailles, Pierre Tattevin, Jean Paul Stahl, Pierre Fillatre, the scientific committee and investigators group, Sophie Abgrall, Laurent Argaud, Xavier Argemi, Nathalie Asseray, Guillaume Baille, Aurélie Baldolli, Julien Biberon, Charlotte Biron, Geneviève Blanchet-Fourcade,

Corrigendum to "Effectiveness and Safety of Tuberculosis Preventive Treatment for Contacts of Patients with Multidrug-Resistant Tuberculosis: A Systematic Review and Meta-analysis"

25 Mar 2024

Publication date: Available online 24 March 2024 Source: Clinical Microbiology and Infection Author(s): Zhou G, Luo S, He J, Chen N, Zhang Y, Cai S, Guo X, Chen H, Song C

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Clinical Microbiology Reviews - Current Issue

[Scedosporiosis and lomentosporiosis: modern perspectives on these difficult-to-treat rare mold infections](#)

29 Mar 2024

Clinical Microbiology Reviews, Ahead of Print.

[Chagas disease in immunocompromised patients](#)

28 Mar 2024

Clinical Microbiology Reviews, Ahead of Print.

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Current Opinion in Microbiology

[Differences and similarities between innate immune evasion strategies of human coronaviruses](#)

31 Mar 2024

Publication date: June 2024 Source: Current Opinion in Microbiology, Volume 79 Author(s): Helene Hoenigsperger, Rinu Sivarajan, Konstantin MJ Sparrer

[Function of autophagy genes in innate immune defense against mucosal pathogens](#)

31 Mar 2024

Publication date: June 2024 Source: Current Opinion in Microbiology, Volume 79 Author(s): Xiaoyan Cui, Ya-Ting Wang

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Current Opinion in Virology

[A complex immune communication between eicosanoids and pulmonary macrophages](#)

28 Mar 2024

Publication date: June 2024 Source: Current Opinion in Virology, Volume 66 Author(s): Erwan Pernet, Jeremie Poschmann, Maziar Divangahi

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The Characteristics of the Gut Microbiota in Patients with Pulmonary Tuberculosis: A Systematic Review

31 Mar 2024

Publication date: Available online 30 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Weiran Li, Yunfei Huang, Shuai Tong, Chaomin Wan, Zhiling Wang

Staphylococcus aureus nasal colonization and susceptibility profile to antimicrobials in hemodialysis patients using a protocol of seven collections

31 Mar 2024

Publication date: Available online 30 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Mariana Abou Mourad Ferreira, Pamela Plass Andrade Pires, Kênia Valéria dos Santos

Proteus species bloodstream infections: Comparative epidemiology of three species

29 Mar 2024

Publication date: Available online 28 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Kevin B. Laupland, Felicity Edwards, Patrick N.A. Harris

Effectiveness of a standardized quality control management procedure for COVID-19 RT-PCR testing: a large-scale diagnostic accuracy study in China

29 Mar 2024

Publication date: Available online 28 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Mengyu Liu, Cuihong Tian, Yequn Chen, Jinxiu Zhu, Yan Zheng, Jianhua Chen, Zhen Li, Feng Xu, Liang Wu, Xingyu Wang, Longxu Xie, Xuerui Tan, Yingmu Cai

Hemophagocytic Lymphohistiocytosis Associated with Brucellosis

29 Mar 2024

Publication date: Available online 28 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Mingjing Guo, Kui Chen, Dezhi Huang, Chunfeng Feng, Hongyun Liu, Nian Quan, Fanfei Meng, Xiaojuan Deng, Liqun Zhang, Fei Liu

Viral infection: A missed cause of chronic spontaneous urticaria?

28 Mar 2024

Publication date: Available online 28 March 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Albert C Chong, David A Khan, Jeffrey D Klausner

A Rare Case Presentation of Septic Sacroiliitis Caused by Staphylococcus Xylosus and Complicated with Abscess Formation: A Case Report

27 Mar 2024

Publication date: Available online 27 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Ahmet Furkan Çolak, Beytullah Yazar, Tuğçe Meryem Bucağa, Kübranur Demirel, Mahmud Fazıl Aksakal, Berkay Yalçinkaya, Alp Çetin

Metagenomic next-generation sequencing for diagnosing severe leptospirosis in a patient suspected COVID-19: A case report

27 Mar 2024

Publication date: Available online 26 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Weijia Li, Song Wang, Dan Zheng

Impact of sphingolipid synthesis inhibition on the drug susceptibility patterns of Trichophyton species

25 Mar 2024

Publication date: Available online 24 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Khushboo Arya, Sana Akhtar Usmani, Nitin Bhardwaj, Manoj Kumar, Shivaprakash M Rudramurthy, Rajendra Prasad, Ashutosh Singh

Differential Host Responses to COVID-19: Unraveling the Complexity

25 Mar 2024

Publication date: Available online 24 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Vinod Kumar Verma, Rahul Yadav, Syed Sultan Beevi, Annie S Mohod, Shravya Mancharla, Neha Damodar, Radhika Chowdary Darapuneni, Sukurtha Gopal Reddy, Pavani Upendram, Mohammad Nawaz Salt, Praveen Kulkarni, Sambit Sahu, Bhaskar Rao Bollineni

SARS-CoV-2 live virus culture and sample freeze-thaw stability

25 Mar 2024

Publication date: Available online 24 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Phyllis J. Kanki, Donald J. Hamel, Stefan Riedel, Sanjucta Dutta, Annie Cheng, Charlotte A. Chang, Ramy Arnaout, James E. Kirby

Multi- and extensively drug resistant Escherichia coli isolated from South African children under 5 years old with diarrhoea

25 Mar 2024

Publication date: Available online 24 March 2024
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Lee Heine, Ntando Alfinete, Natasha Potgieter, Tobias G. Barnard

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European Journal of Clinical Microbiology & Infectious Diseases

A 14-year review (2007–2020) of helminthiasis epidemiology in a hospital in Southern Madrid, Spain

31 Mar 2024

Abstract Purpose Vast majority of helminth diseases remain neglected tropical diseases (NTDs), causing significant morbidity. The widespread and periodic distribution of antiparasitic drugs, remains the cornerstone for controlling these diseases. In Spain, most helminthiasis cases are imported, and suspicion and diagnosis have become increasingly important

Predicting the primary infection source of Escherichia coli bacteremia using virulence-associated genes

31 Mar 2024

Abstract Purpose To investigate the role of E. coli virulence-associated genes (VAGs) in predicting urinary tract infection (UTI) as the source of bacteremia in two distinct hospital populations, one with a large general catchment area and one dominated by referrals. Methods E

Evaluation of the MTS™ aztreonam-avibactam strip (Liofilchem) on New Delhi metallo- β -lactamase-producing Enterobacterales

31 Mar 2024

Abstract The combination of ceftazidime-avibactam (CAZ-AVI) and aztreonam (ATM) is used to treat MBL-producing Enterobacterales-related infections. The new combination aztreonam-avibactam (AZA) is currently in development

Genetic analysis of vancomycin-variable Enterococcus faecium clinical isolates in Italy

31 Mar 2024

Abstract Purpose To investigate the occurrence of vancomycin-variable enterococci (VVE) in a hospital in central Italy. Methods vanA positive but vancomycin-susceptible Enterococcus faecium isolates (VVE-S) were characterized by antibiotic susceptibility tests, molecular typing (PFGE and MLST), and WGS approach

Correction to: Added diagnostic value of 16S rRNA gene pan-mycobacterial PCR for nontuberculous mycobacterial infections: a 10-year retrospective study

27 Mar 2024

Clinical impact and cost-consequence analysis of ePlex® blood culture identification panels for the rapid diagnosis of bloodstream infections: a single-center randomized controlled trial

27 Mar 2024

Abstract To assess clinical impact and perform cost-consequence analysis of the broadest multiplex PCR panels available for the rapid diagnosis of bloodstream infections (BSI). Single-center, randomized controlled trial conducted from June 2019 to February 2021 at a French University hospital with an institutional antimicrobial stewardship program

Multidrug-resistant organism bloodstream infection and hospital acquisition among inpatients in three tertiary Greek hospitals during the COVID-19 era

26 Mar 2024

Abstract From 2019 (pre-COVID-19) to 2022 (COVID-19 years), three tertiary Greek hospitals monitored MDRO bloodstream infection (BSI) and hospital acquisition relying on laboratory data. Surveillance covered carbapenem-resistant Enterobacterales (CRE), Acinetobacter baumannii (CRAB), Pseudomonas aeruginosa (CRPA), vancomycin-resistant enterococci (VRE), and methicillin-resistant Staphylococcus

Eurosurveillance latest updates

COVID-19 vaccine effectiveness against symptomatic infection with SARS-CoV-2 BA.1/BA.2 lineages among adults and adolescents in a multicentre primary care study, Europe, December 2021 to June 2022

28 Mar 2024

Background Scarce European data in early 2021 suggested lower vaccine effectiveness (VE) against SARS-CoV-2 Omicron lineages than previous variants. Aim We aimed to estimate primary series (PS) and first booster VE against symptomatic BA.1/BA.2 infection and investigate potential biases

Atypical age distribution and high disease severity in children with RSV infections during two irregular epidemic seasons throughout the COVID-19 pandemic, Germany, 2021 to 2023

28 Mar 2024

Background Non-pharmaceutical interventions (NPIs) during the COVID-19 pandemic affected respiratory syncytial virus (RSV) circulation worldwide. Aim To describe, for children aged < 5 years, the 2021 and 2022/23 RSV seasons in Germany

Molecular epidemiology identifies the expansion of the DENV2 epidemic lineage from the French Caribbean Islands to French Guiana and mainland France, 2023 to 2024

28 Mar 2024

In 2023, dengue virus serotype 2 (DENV2) affected most French overseas territories. In the French Caribbean Islands, viral circulation continues with > 30,000 suspected infections by March 2024. Genome sequence analysis reveals that the epidemic lineage in the French Caribbean islands has also become established in French Guiana but not Réunion

Increase in invasive Streptococcus pyogenes M1 infections with close evolutionary genetic relationship, Iceland and Scotland, 2022 to 2023

28 Mar 2024

Group A Streptococcus isolates of the recently described M1UK clade have emerged to cause human infections in several European countries and elsewhere. Full-genome sequence analysis of M1 isolates discovered a close genomic relationship between some isolates from Scotland and the majority of isolates from Iceland causing serious infections in 2022 and 2023

Questioning risk compensation: pre-exposure prophylaxis (PrEP) and sexually transmitted infections among men who have sex with men, capital region of Denmark, 2019 to 2022

28 Mar 2024

Background Pre-exposure prophylaxis (PrEP) effectively prevents HIV, but its association with sexually transmitted infections (STIs) has raised concerns about risk compensation, potentially impacting the expansion of PrEP programmes. Aim We examined the relationship between PrEP and the incidence of chlamydia, gonorrhoea and syphilis

International Journal of Medical Microbiology

Comparative transcriptomic analysis of Staphylococcus epidermidis associated with periprosthetic joint infection under in vivo and in vitro conditions

31 Mar 2024

Publication date: Available online 30 March 2024 Source: International Journal of Medical Microbiology Author(s): Cody R. Fisher, Thao L. Masters, Stephen Johnson, Kerryl E. Greenwood-Quaintance, Nicholas Chia, Matthew P. Abdel, Robin Patel

Characterization of BCP/PreC/C region quasispecies in treatment-naive patients with different phases of HBV infection using next-generation sequencing

28 Mar 2024

Publication date: Available online 27 March 2024 Source: International Journal of Medical Microbiology Author(s): Chenggong Zhu, Minjie Tang, Ya Fu, Zhen Xun, Caorui Lin, Songhang Wu, Tianbin Chen, Yongbin Zeng, Bin Yang, Qishui Ou, Can Liu

International Journal of Infectious Diseases

Molnupiravir versus favipiravir in at-risk outpatients with COVID-19: a randomized controlled trial in Thailand

31 Mar 2024

Publication date: Available online 30 March 2024 Source: International Journal of Infectious Diseases Author(s): Nicolas Salvadori, Gonzague Jourdain, Rungroj Kittayaphong, Taweegrit Siripongboonsitti, Subsai Kongsangdao, Kriangsak Atipornwanich, Parichart Sakulkonkij, Nasikarn Angkasekwinai, Rujipas Sirijatuphat, Sarunyou Chusri, Tanavit Mekavuthikul, Anucha Apisarnthanarak, Sirawat

Generalized Lymphadenopathy due to Tropheryma whipplei: Thinking outside the box!

31 Mar 2024

Publication date: Available online 29 March 2024 Source: International Journal of Infectious Diseases Author(s): Stig Ree Krüger, Espen Rigby Norvard, Kjersti Wik Larssen, Ursa Maierhofer, Helene Hestmann, Thomas Papathomas

Association of persistent positive blood cultures and infective endocarditis: a cohort study among patients with suspected infective endocarditis

31 Mar 2024

Publication date: Available online 30 March 2024
Source: International Journal of Infectious Diseases
Author(s): André Teixeira Antunes, Pierre Monney, Georgios Tzimas, Piergiorgio Tozzi, Matthias Kirsch, Benoit Guery, Matthaios Papadimitriou-Olivgeris

Association of viral loads of influenza A(H3N2) with age and care setting on presentation – a prospective study during the 2022/23 influenza season in Spain.

31 Mar 2024

Publication date: Available online 30 March 2024
Source: International Journal of Infectious Diseases
Author(s): Iván Sanz-Muñoz, Javier Sánchez-Martínez, Carla Rodríguez-Crespo, Irene Arroyo-Hernantes, Marta Domínguez-Gil, Silvia Rojo-Rello, Marta Hernández, José M Eiros

Carriage of antimicrobial-resistant Enterobacterales among pregnant women and newborns in Amhara, Ethiopia

31 Mar 2024

Publication date: Available online 30 March 2024
Source: International Journal of Infectious Diseases
Author(s): Getnet Amsalu, Christine Tedijanto Wen, Olga Perovic, Addisalem Gebru, Bezawit M. Hunegnaw, Fisseha Tadesse, Marshagne Smith, Addisalem Fikre, Delayehu Bekele, Lisanu Tadesse, Grace Chan

Clinical and economic burden of invasive pneumococcal disease and non-invasive all-cause pneumonia in hospitalized US adults: A multicenter analysis from 2015-2020

29 Mar 2024

Publication date: Available online 29 March 2024
Source: International Journal of Infectious Diseases
Author(s): Salini Mohanty, Nicole Cossrow, Calvin C. Yu, Gang Ye, Meghan White, Vikas Gupta

Clinical evaluation of antifungal de-escalation in Candida infections: a systematic review and meta-analysis

27 Mar 2024

Publication date: Available online 26 March 2024
Source: International Journal of Infectious Diseases
Author(s): Marta Albanell-Fernández, Fernando Salazar González, Olalla Montero Pérez, Victoria Aniyar, Francisco-Javier Carrera Hueso, Alex Soriano, Carolina García-Vidal, Pedro Puerta-Alcalde, José Antonio Martínez, Pedro Vázquez Ferreiro

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Journal of Clinical Microbiology

Sensitivity and specificity of the new Bio-Rad HIV screening test, Access HIV combo V2

27 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

CMV-RNAemia as new marker of active viral replication in transplant recipients

27 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

Performance evaluation of the high-throughput quantitative Alinity m BK virus assay

25 Mar 2024

Journal of Clinical Microbiology, Ahead of Print.

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Journal of Hospital Infection

Epidemiology of healthcare-associated *Pseudomonas aeruginosa* in intensive care units: Are sink drains to blame?

28 Mar 2024

Pseudomonas aeruginosa (PA) is a common cause of healthcare-associated infections (PA-HAI) in the intensive care unit (ICU). We aimed to describe the epidemiology of PA-HAI in ICUs in Ontario, Canada, and determine whether we could identify episodes of sink-to-patient PA transmission.

The EC-COMPASS: Long-term, Multi-Centre Surveillance of *Enterobacter cloacae* complex – a Clinical Perspective

28 Mar 2024

Enterobacter cloacae complex (ECCO) comprises closely related Enterobacteriaceae, causing a variety of infections ranging from mild urinary tract infections to severe bloodstream infections. ECCO has emerged as a significant cause of healthcare-associated infections, particularly in neonatal and adult intensive care.

The usability and outcomes of self-monitored surgical wound healing using a smartphone based application by patients following neurosurgery.

28 Mar 2024

The Radboudumc developed a smartphone-application (WondGezond) to collect surgical wound healing information provided by the patient. We evaluated usability and outcomes to assess its potential for early surgical site infection (SSI) detection.

Genomic Insights into the expansion of Carbapenem-Resistant *Klebsiella pneumoniae* within Portuguese Hospitals

28 Mar 2024

Carbapenem-resistant *Klebsiella pneumoniae* complex (CR-KP) are a public health concern, causing infections with a high mortality rate, limited therapeutic options and challenging infection control strategies. In Portugal CR-KP rate has increased steeply, but the factors associated to this expansion are poorly explored

Should automated electronic hand hygiene monitoring systems be implemented in routine patient care? Systematic review and appraisal with Medical Research Council Framework for Complex Interventions

28 Mar 2024

Manual hand hygiene audit is time-consuming, labour-intensive and inaccurate. Automated hand hygiene monitoring systems (AHHMSs) offer advantages (generation of standardised data, avoidance of the Hawthorne effect). World Health Organization Guidelines for Hand Hygiene published in 2009 suggest that AHHMSs are a possible alternative.

The effect of Unidirectional Airflow ventilation on Surgical Site Infection in Cardiac Surgery: environmental impact as a factor in the choice for Turbulent Mixed Airflow.

25 Mar 2024

Surgical site infection (SSI) in the form of postoperative deep sternal wound infection (DSWI) after cardiac surgery is a rare, but potentially fatal complication. In addressing this, the focus is on preventive measures as most risk factors for SSI are not controllable

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Journal of Infection

Role of SARS-CoV-2 mutations in the evolution of the COVID-19 pandemic

31 Mar 2024

The SARS-CoV-2 pandemic and large-scale genomic surveillance provided an exceptional opportunity to analyze mutations that appeared over three years in viral genomes. Here we studied mutations and their epidemic consequences for SARS-CoV-2 genomes from our center.

Relapsing epidemic typhus (Brill-Zinsser disease) in China

30 Mar 2024

Dear Editor,

Utility of an in-house real-time PCR in whole blood samples as a minimally invasive method for early and accurate diagnosis of invasive mould infections.

27 Mar 2024

Invasive mould infections (IMIs) are a leading cause of death in patients with compromised immune systems. Proven invasive mould infection requires detection of a fungus by histopathological analysis of a biopsied specimen, sterile culture, or fungal DNA amplification by PCR in tissue

Evaluation of metagenomic and pathogen-targeted next-generation sequencing for diagnosis of meningitis and encephalitis in adults: A multicenter prospective observational cohort study in China

26 Mar 2024

Next-generation sequencing (NGS) might aid in identification of causal pathogens. However, the optimal approaches applied to cerebrospinal fluid (CSF) for detection are unclear, and studies evaluating application of different NGS workflows for diagnosis of intracranial infections are limited.

Paediatric meningitis in the conjugate vaccine era and a novel clinical decision model to predict bacterial aetiology

26 Mar 2024

The aims of this study were to assess aetiology and clinical characteristics in childhood meningitis, and develop clinical decision rules to distinguish bacterial meningitis from other similar clinical syndromes.

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Journal of Medical Microbiology

[Exploring the diversity of vaginal microbiota between healthy women and cervical cancer patients in India](#)

28 Mar 2024

Introduction. Cervicovaginal diversity has been reported as a predictive biomarker for cervical cancer risk. We recently reported the bio-therapeutic potential of vaginal probiotics from healthy Indian women against vaginal pathogens, isolated from the invasive cervical cancer (ICC) patients. Gap Statement

[Cancer invasion and anaerobic bacteria: new insights into mechanisms](#)

27 Mar 2024

There is growing evidence that altered microbiota abundance of a range of specific anaerobic bacteria are associated with cancer, including *Peptoniphilus* spp., *Porphyromonas* spp., *Fusobacterium* spp., *Fenollaria* spp., *Prevotella* spp., *Sneathia* spp., *Veillonella* spp. and *Anaerococcus* spp. linked to multiple cancer types. In this review we explore these pathogenic associations

[Anthraquinones against *Cryptococcus neoformans sensu stricto*: antifungal interaction, biofilm inhibition and pathogenicity in the *Caenorhabditis elegans* model](#)

26 Mar 2024

Introduction. Cryptococcal biofilms have been associated with persistent infections and antifungal resistance. Therefore, strategies, such as the association of natural compounds and antifungal drugs, have been applied for the prevention of biofilm growth

[*Clostridioides difficile* detection and infection in children: are they just small adults?](#)

25 Mar 2024

Clostridioides difficile is a well-recognized healthcare-associated pathogen, with its significance widely recognized in adult populations. Despite this, there is limited data on the significance of detection within paediatric populations, both for individual patient management and wider transmission risk-based considerations

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Journal of Microbiology, Immunology and Infection

Revisiting the Association Between Vitamin D Deficiency and Active Tuberculosis: A Prospective Case-Control Study in Taiwan

29 Mar 2024

Publication date: Available online 28 March 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Meng-Shiuan Hsu, Tzu-Chien Chung, Ping-Huai Wang, Shih-Lung Cheng, Yen-Wen Wu, Jung-Cheng Hsu, Bing-Hsiean Tzeng, Heng-Hsu Lin, Chung-Ming Tu, Fang-Yeh Chu, Chi-Tai Fang

A novel KPC-166 in ceftazidime/avibactam resistant ST307 Klebsiella pneumoniae causing an outbreak in Intensive Care Covid Unit, Italy

29 Mar 2024

Publication date: Available online 29 March 2024
Source: Journal of Microbiology, Immunology and Infection
Author(s): Aurora Piazza, Vittoria Mattioni Marchetti, Alessandra Bielli, Gherard Batisti Biffignandi, Francesca Piscopiello, Riccardo Giudici, Livia Tartaglione, Marco Merli, Chiara Vismara, Roberta Migliavacca

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Journal of Virology Current Issue

Hepatitis E virus ORF3 protein hijacking thioredoxin domain-containing protein 5 (TXNDC5) for its stability to promote viral particle release

29 Mar 2024

Journal of Virology, Ahead of Print.

Exploring the therapeutic potential of DV-B-120 as an inhibitor of dengue virus infection

28 Mar 2024

Journal of Virology, Ahead of Print.

Epitope(s) involving amino acids of the fusion loop of Japanese encephalitis virus envelope protein is(are) important to elicit protective immunity

26 Mar 2024

Journal of Virology, Ahead of Print.

Correction for Nebenzahl-Sharon et al., "An Interaction with PARP-1 and Inhibition of Parylation Contribute to Attenuation of DNA Damage Signaling by the Adenovirus E4orf4 Protein"

26 Mar 2024

Journal of Virology, Ahead of Print.

Correction for Querbes et al., "A JC Virus-Induced Signal Is Required for Infection of Glial Cells by a Clathrin- and eps15-Dependent Pathway"

26 Mar 2024

Journal of Virology, Ahead of Print.

Characterization of humoral and cellular immunologic responses to an mRNA-based human cytomegalovirus vaccine from a phase 1 trial of healthy adults

25 Mar 2024

Journal of Virology, Ahead of Print.

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Microbiology and Molecular Biology Reviews: Current Issue

[Bacillus subtilis stress-associated mutagenesis and developmental DNA repair](#)

29 Mar 2024

Microbiology and Molecular Biology Reviews, Ahead of Print.

[Structural analysis of resistance-nodulation cell division transporters](#)

29 Mar 2024

Microbiology and Molecular Biology Reviews, Ahead of Print.

[White-opaque switching in Candida albicans: cell biology, regulation, and function](#)

28 Mar 2024

Microbiology and Molecular Biology Reviews, Ahead of Print.

[Hsp90, a team player in protein quality control and the stress response in bacteria](#)

27 Mar 2024

Microbiology and Molecular Biology Reviews, Ahead of Print.

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Morbidity and Mortality Weekly Report (MMWR)

[Ceftriaxone-Resistant Gonorrhea - China, 2022](#)

28 Mar 2024

This report describes increases in the prevalence of antibiotic-resistant strains of *Neisseria gonorrhoeae* in China.

[Tuberculosis - United States, 2023](#)

28 Mar 2024

This report describes increases in tuberculosis cases among all age groups in the United States during 2023.

[Birth Prevalence of Sickle Cell Disease and County-Level Social Vulnerability - Sickle Cell Data Collection Program, 11 States, 2016-2020](#)

28 Mar 2024

This report describes the prevalence of sickle cell disease among newborns born to mothers in counties with high social vulnerability.

[Implications of Measles Inclusion by Commercial Syndromic Polymerase Chain Reaction Panels - United States, May 2022-April 2023](#)

28 Mar 2024

This report describes incidental detection of the measles vaccine strain when using syndromic polymerase chain reaction panels on patients who recently received a measles vaccine.

[Interim Effectiveness of Updated 2023-2024 \(Monovalent XBB.1.5\) COVID-19 Vaccines Against COVID-19-Associated Hospitalization Among Adults Aged \$\geq 18\$ Years with Immunocompromising Conditions - VISION Network, September 2023-February 2024](#)

28 Mar 2024

This report describes the effectiveness of the updated COVID-19 vaccine in preventing hospitalizations in adults with immunocompromising conditions.

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Nature Reviews Microbiology - Current Issue

[Author Correction: Conservation and similarity of bacterial and eukaryotic innate immunity](#)

26 Mar 2024

Nature Reviews Microbiology, Published online: 26 March 2024; doi:10.1038/s41579-024-01043-z Author Correction: Conservation and similarity of bacterial and eukaryotic innate immunity

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Scandinavian Journal of Infectious Diseases: Table of Contents

[Re-emergence of Nipah virus outbreak in Kerala, India: a global health concern](#)

29 Mar 2024

[Towards the identification of the correct place for convalescent plasma among COVID-19 therapies](#)

29 Mar 2024

Pooling of samples to optimise SARS-CoV-2 detection in nasopharyngeal swabs and gargle lavage self-samples for covid-19 diagnostics and surveillance

29 Mar 2024

Pseudomonas stutzeri bloodstream infection is a prevailing community-onset disease with important mortality rates: results from a retrospective observational study in Australia

27 Mar 2024

Staphylococcus aureus bacteraemia, cardiac implantable electronic device, extraction, and the risk of recurrent infection; a retrospective population-based cohort study

26 Mar 2024

Diagnosis of external ventricular drainage related infections with real-time 16S PCR and third-generation 16S sequencing

26 Mar 2024

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Sexually Transmitted Infection Online First

Self-sampling with oral rinse to detect oropharyngeal *Neisseria gonorrhoeae* among men who have sex with men: results from an exploratory study in Belgium (the SSONG Study)

29 Mar 2024

ObjectivesWe aimed to assess whether a self-collected oral rinse was non-inferior to clinician-collected oropharyngeal swabs to detect *Neisseria gonorrhoeae* (Ng) using culture and nucleic acid amplification tests (NAAT) among men who have sex with men (MSM), and whether Ng may still be detected in oral rinses for a minimum of 5 days after collection

HIV testing at visits to US emergency departments: 2021 update

26 Mar 2024

In this updated cross-sectional analysis of the National Hospital Ambulatory Medical Care Survey, we found that among the 2.5 million more weighted emergency department (ED) visits in 2021 compared with 2020, there was an insignificant increase in HIV testing per ED visit in 2021 compared with 2020 (0.81% to 0.86%)

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UKHSA affiliated authors

UKHSA affiliated authors

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

30 Mar 2024

Author Names: Coukan F., Sullivan A., Mitchell H., Jaffer S., Williams A., Saunders J., Atchison C., Ward H. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections, 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 Year: 2024 Issue:

Vaccine value profile for *Klebsiella pneumoniae*

30 Mar 2024

Author Names: Dangor Z., Benson N., Berkley J.A., Bielicki J., Bijnsma 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

Conceptualisation and implementation of integrated disease surveillance globally: a scoping review

30 Mar 2024

Author Names: Flodgren G.M., Bezuidenhout J.E., Alkanhal N., Brinkwirth S., Lee A.C.K. Database Source: Embase Weekly Updates Journal Title: Public Health, Public Health Article Title: Conceptualisation and implementation of integrated disease surveillance globally: a scoping review Year: 2024 Issue: Volume: 230 Abstract: Objectives: The objective of this study was to examine the

Development of Novel Membrane Disrupting Lipoguanidine Compounds Sensitizing Gram-Negative Bacteria to Antibiotics

30 Mar 2024

Author Names: Kim S.-H., Hind C.K., Fernandes G.F.S., Wu J., Semanya D., Clifford M., Marsh C., Anselmi S., Mason A.J., Bruce K.D., Sutton J.M., Castagnolo D. Database Source: Embase Weekly Updates Journal Title: ACS Medicinal Chemistry Letters, ACS Medicinal Chemistry Letters Article Title: Development of Novel Membrane Disrupting Lipoguanidine Compounds Sensitizing Gram-Negative Bacteria to

Azetidines Kill Multidrug-Resistant *Mycobacterium tuberculosis* without Detectable Resistance by Blocking Mycolate Assembly

30 Mar 2024

Author Names: Cui Y., Lanne A., Peng X., Browne E., Bhatt A., Coltman N.J., Craven P., Cox L.R., Cundy N.J., Dale K., Feula A., Frampton J., Fung M., Morton M., Goff A., Salih M., Lang X., Li X., Moon C., Pascoe J., Portman V., Press C., Schulz-Utermoehl T., Lee S., Tortorella

M.D., Tu Z., Underwood Z.E., Wang C., Yoshizawa A., Zhang T., Waddell S.J., Bacon J., Alderwick L., Fossey J.S., Neagoie C

Potential beneficial effect of IFN-beta1a and ocrelizumab in people with MS during the COVID-19 pandemic

30 Mar 2024

Author Names: Todorovic S., Vojinovic S., Savic D., Aleksic D., Danilovic M. Database Source: Embase Weekly Updates Journal Title: Acta Neurologica Belgica, Acta Neurologica Belgica Article Title: Potential beneficial effect of IFN-beta1a and ocrelizumab in people with MS during the COVID-19 pandemic Year: 2024 Issue: 2 Volume: 124 Abstract: Background/Aim: Disease-modifying therapy

Neisseria gonorrhoeae lipooligosaccharide glycan epitopes recognized by bactericidal IgG antibodies elicited by the meningococcal group B-directed vaccine, MenB-4C

30 Mar 2024

Author Names: Tzeng Y.-L., Sannigrahi S., Borrow R., Stephens D.S. Database Source: Embase Weekly Updates Journal Title: Frontiers in Immunology, Frontiers in Immunology Article Title: Neisseria gonorrhoeae lipooligosaccharide glycan epitopes recognized by bactericidal IgG antibodies elicited by the meningococcal group B-directed vaccine, MenB-4C Year: 2024 Issue: Volume: 15 Abstract:

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

30 Mar 2024

Author Names: Sides E., Lecky D., Taborn E., O'Neill L., Cooper E. Database Source: Embase Weekly 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

A multistage mixed-methods evaluation protocol for the national testing response during the COVID-19 pandemic in England

30 Mar 2024

Author Names: Naidoo R., Lambert B., Voysey M., Shretta R., Keene C., Wanat M., Andersen-Waine B., Dahal P., Stepniowska K., Hounsell R., Molyneux S., Rowe E., Pinto-Duschinsky S., Yenidogan G., Fowler T., White L.J

Inequalities in childhood vaccine uptake: a longitudinal analysis of national coverage in England 2019-23

30 Mar 2024

Author Names: Flatt A., Vivancos R., French N., Quinn S., Ashton M., Decraene V., Hungerford D., Taylor-Robinson D. Database Source: Embase Preprint Journal Title: medRxiv, ENG Article Title: Inequalities in childhood vaccine uptake: a longitudinal analysis of national coverage in England 2019-23 Year: 2024 Issue: Volume: Abstract: Objective This study aims to quantify changes in

Reviewing essential public health functions in the Eastern Mediterranean Region post COVID-19 pandemic: a foundation for system resilience.

30 Mar 2024

Author Names: Mohamed-Ahmed O,Aboutaleb H,Latif S,Watson HL,Handley R,Humphreys E,Gedik FG,De Sa J,Zhang Y,Bhatia T,Dar O,Saikat S,Squires N,Mataria A Database Source: Ovid MEDLINE(R) In-Process & In-Data-Review Citations <March 29, 2024> Journal Title: BMJ Global Health Article Title: Reviewing essential public health functions in the Eastern Mediterranean Region post COVID-19 pandemic: a

SARS-CoV-2, influenza A/B and respiratory syncytial virus positivity and association with influenza-like illness and self-reported symptoms, over the 2022/23 winter season in the UK: a longitudinal surveillance cohort.

30 Mar 2024

Author Names: Dietz E,Pritchard E,Pouwels K,Ehsaan M,Blake J,Gaughan C,Haduli E,Boothe H,Vihta KD,Peto T,Stoesser N,Matthews P,Taylor N,Diamond I,Studley R,Rourke E,Birrell P,De Angelis D,Fowler T,Watson C,Eyre D,House T,Walker AS Database Source: Ovid MEDLINE(R) Daily Update <March 29, 2024> Journal Title: BMC Medicine Article Title: SARS-CoV-2, influenza A/B and respiratory syncytial

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

30 Mar 2024

Author Names: Rutter C.E.,van Tongeren M.,Fletcher T.,Rhodes S.,Chen Y.,Hall I.,Warren N.,Pearce N. Database Source: Embase Weekly Updates Journal Title: Occupational and Environmental Medicine,Occupational and Environmental Medicine Article Title: Risk factors for SARS-CoV-2 infection at a UK electricity-generating company: a test-negative design case-control study Year: 2024 Issue:

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

30 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: 3 Volume: 98 Abstract: Lymphocytic choriomeningitis

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

30 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

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

30 Mar 2024

Author Names: Bock L. Database Source: Embase Weekly 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

Global diversity and evolution of Salmonella Panama, an understudied serovar causing gastrointestinal and invasive disease worldwide: a genomic epidemiology study

30 Mar 2024

Author Names: Pulford C.V.,Perez-Sepulveda B.M.,Ingle D.J.,Bengtsson R.J.,Bennett R.J.,Rodwell E.V.,de la Gandara M.P.,Chong C.,De Silva P.M.,Ravel M.,Guibert V.,Njamkepo E.,Hall N.,Chattaway M.A.,Howden B.P.,Williamson D.A.,Hinton J.C.D.,Weill F.-X.,Baker K.S

Interim 2023/24 season influenza vaccine effectiveness in primary and secondary care in the United Kingdom

30 Mar 2024

Author Names: Whitaker H.,Findlay B.,Zitha J.,Goudie R.,Hassell K.,Evans J.,Kalapotharakou P.,Agrawal U.,Kele B.,Hamilton M.,Moore C.,Byford R.,Stowe J.,Robertson C.,Couzens A.,Jamie G.,Hoschler K.,Pheasant K.,Button E.,Quinot C.,Jones T.,Anand S.,Watson C.,Andrews N.,de Lusignan S.,Zambon M.,Williams C.,Cottrell S.,Marsh K.,McMenamin J.,Bernal J.L

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

30 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: Embase Weekly Updates Journal Title: The Journal of antimicrobial chemotherapy Article Title: Investigating the cause of increased tetracycline-resistant Neisseria gonorrhoeae in England, 2016-20 Year: 2024

Development and validation of a random forest algorithm for source attribution of animal and human Salmonella Typhimurium and monophasic variants of S. Typhimurium isolates in England and Wales utilising whole genome sequencing data

30 Mar 2024

Author Names: Guzinski J.,Tang Y.,Chattaway M.A.,Dallman T.J.,Petrovska L. Database Source: Embase Weekly Updates Journal Title: Frontiers in Microbiology,Frontiers in Microbiology Article Title: Development and validation of a random forest algorithm for source attribution of animal and human Salmonella Typhimurium and monophasic variants of S

Regulatory workshop on challenge strain development and GMP manufacture - A stakeholder meeting report

30 Mar 2024

Author Names: Corti N.,Chiu C.,Cox R.J.,Demont C.,Devaster J.-M.,Engelhardt O.G.,Gorringe A.,Hassan K.,Hoefnagel M.,Kamerling I.,Krut O.,Lane C.,Liebers R.,Luke C.,Van Molle W.,Morel S.,Neels P.,Roestenberg M.,Rubbrecht M.,Klaas Smits W.,Stoughton D.,Talaat K.,Vehreschild M.J.G.T.,Wildfire A.,Meln I.,Olesen O.F

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

30 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:

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

30 Mar 2024

Author Names: Daniels C. Database Source: Embase Weekly 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

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

30 Mar 2024

Author Names: Sanyaolu L., Cooper E., Read B., Ahmed H., Lecky D.M. Database Source: Embase Weekly 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

Presence of phage-plasmids in multiple serovars of *Salmonella enterica*

30 Mar 2024

Author Names: Nair S., Barker C.R., Bird M., Greig D.R., Collins C., Painset A., Chattaway M., Pickard D., Larkin L., Gharbia S., Didelot X., Ribeca P. Database Source: Embase Preprint Journal Title: bioRxiv Article Title: Presence of phage-plasmids in multiple serovars of *Salmonella enterica* Year: 2024 Issue: Volume: Abstract: Evidence is accumulating in the literature that the horizontal

***Listeria monocytogenes*: the silent assassin**

30 Mar 2024

Author Names: Fotopoulou E.T., Jenkins C., Painset A., Amar C. Database Source: Embase Weekly Updates Journal Title: Journal of Medical Microbiology, Journal of Medical Microbiology Article Title: *Listeria monocytogenes*: the silent assassin Year: 2024 Issue: 3 Volume: 73 Abstract: Listeriosis is a foodborne infection in humans caused by *Listeria monocytogenes*

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

30 Mar 2024

Author Names: Faddy H.M., Osiowy C., Custer B., Busch M., Stramer S.L., Dean M.M., Acutt J., Viennet E., van de Laar T., Tsoi W.-C., Styles C., Kiely P., Margaritis A., Kwon S.-Y., Qiu Y., Deng X., Lewin A., Jorgensen S.W., Erikstrup C., Juhl D., Sauleda S., Camacho Rodriguez B.A., Soto Coral L.J.C., Gaviria Garcia P.A., Oota S., O'Brien S.F., Wendel S., Castro E., Navarro Perez L., Harvala H., Davison K., Reynolds C., Jarvis L

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

30 Mar 2024

Author Names: Mladenovic-Ranisavljevic I., Stefanovic V., Urosevic S., Ilic-Stojanovic S.
Database Source: Embase Weekly Updates Journal Title: International journal of occupational safety and ergonomics : JOSE Article Title: Multiple-criteria analysis of the employee satisfaction level at healthcare facilities during the pandemic Year: 2024 Issue: Volume: Abstract: Due to the

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

30 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 Weekly 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

Anthrax vaccine precipitated induces edema toxin-neutralizing, edema factor-specific antibodies in human recipients

30 Mar 2024

Author Names: Dumas E.K., Gross T., Larabee J., Pate L., Cuthbertson H., Charlton S., Hallis B., Engler R.J.M., Collins L.C., Spooner C.E., Chen H., Ballard J., James J.A., Darise Farris A. Database Source: Embase Weekly Updates Journal Title: Clinical and Vaccine Immunology, Clinical and Vaccine Immunology Article Title: Anthrax vaccine precipitated induces edema toxin-neutralizing, edema

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

30 Mar 2024

Author Names: Martin B. Database Source: Embase Weekly 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

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

30 Mar 2024

Author Names: Sanyaolu L., Hayes C., Lecky D., Weightman A., Ahmed H., Cannings-John R., Edwards A., Wood F. Database Source: Embase Weekly 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

Post-peak mpox in England: epidemiology, reinfection, and vaccine effectiveness - data from 2023

30 Mar 2024

Author Names: Charles H.,Thorley K.,Turner C.,Bennet K.F.,Andrews N.,Bertran M.,Mandal S.,Amirthalingam G.,Ramsay M.E.,Mohammed H.,Sinka K. Database Source: Embase Preprint Journal Title: medRxiv,ENG Article Title: Post-peak mpox in England: epidemiology, reinfection, and vaccine effectiveness - data from 2023 Year: 2024 Issue: Volume: Abstract: England, like other countries that

Epidemiological and clinical insights into the enterovirus D68 upsurge in Europe 2021/22 and the emergence of novel B3-derived lineages, ENPEN multicentre study.

30 Mar 2024

Author Names: Simoes MP,Hodcroft EB,Simmonds P,Albert J,Alidjinou EK,Ambert-Balay K,Andres C,Anton A,Auvray C,Bailly JL,Baldanti F,Bastings C,Beard S,Pereira CB,Berginc N,Bloemen M,Blomqvist S,Bosma F,Bottcher S,Bubba L,Buderus S,Cabrerizo M,Calvo C,Celma C,Ceriotti F,Clark G,Costa I,Coste-Burel M,Coudere K,Cremer J,Del Cuerpo Casas M,Daehne T,de Beer J,de Ceano-Vivas M,De Gascun C,de Rougemont

DPP-4 Inhibitors in the Prevention/Treatment of Pulmonary Fibrosis, Heart and Kidney Injury Caused by COVID-19-A Therapeutic Approach of Choice in Type 2 Diabetic Patients?.

30 Mar 2024

Author Names: Smelcerovic A,Kocic G,Gajic M,Tomovic K,Djordjevic V,Stankovic-Djordjevic D,Anderluh M Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 29, 2024> Journal Title: Frontiers in Pharmacology Article Title: DPP-4 Inhibitors in the Prevention/Treatment of Pulmonary Fibrosis, Heart and Kidney Injury Caused by COVID-19-A Therapeutic Approach of Choice in Type 2 Diabetic

Use of a meningococcal group B vaccine (4CMenB) in populations at high risk of gonorrhoea in the UK

30 Mar 2024

Author Names: Ladhani S.N.,White P.J.,Campbell H.,Mandal S.,Borrow R.,Andrews N.,Bhopal S.,Saunders J.,Mohammed H.,Drisdale-Gordon L.,Callan E.,Sinka K.,Folkard K.,Fifer H.,Ramsay M.E. Database Source: Embase Weekly Updates Journal Title: The Lancet Infectious Diseases,The Lancet Infectious Diseases Article Title: Use of a meningococcal group B vaccine (4CMenB) in populations at high risk

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

30 Mar 2024

Author Names: Moon C.,Porges E.,Roberts A.,Bacon J. Database Source: Embase Weekly Updates Journal Title: Antiviral Research,Antiviral Research Article Title: A combination of nirmatrelvir and ombitasvir boosts inhibition of SARS-CoV-2 replication Year: 2024 Issue: Volume: 225 Abstract: Antiviral therapeutics are highly effective countermeasures for the treatment of coronavirus

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

30 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

Radiotherapy for non-cancer diseases: benefits and long-term risks

30 Mar 2024

Author Names: Thariat J., Little M.P., Zablotska L.B., Samson P., O'Banion M.K., Leuraud K., Bergom C., Girault G., Azimzadeh O., Bouffler S., Hamada N. Database Source: Embase Weekly Updates Journal Title: International Journal of Radiation Biology, International Journal of Radiation Biology Article Title: Radiotherapy for non-cancer diseases: benefits and long-term risks Year: 2024 Issue: 4

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

30 Mar 2024

Author Names: Callaby H., McGuire E., Rajwal S., Stahlschmidt J., Hartley J., Brown R.M., Deheragoda M., Quaglia A., Rampling T., Houlihan C.F., Claire Gordon N., Brown C.S., Simmons R., Samson A., Mandal S., Grammatikopoulos T., Demirjian A

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

30 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

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

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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 Weekly 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

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

30 Mar 2024

Author Names: Prieto J., Wilson J., Tingle A., Cooper E., Handley M., Rycroft-Malone J., Bostock J., Loveday H. Database Source: Embase Weekly 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:

Enhanced testing can substantially improve defence against several types of respiratory virus pandemic

30 Mar 2024

Author Names: Petrie J., Hay J.A., Srimokla O., Panovska-Griffiths J., Whittaker C., Masel J. Database Source: Embase Preprint Journal Title: medRxiv, ENG Article Title: Enhanced

testing can substantially improve defence against several types of respiratory virus pandemic Year: 2024 Issue: Volume: Abstract: Mass testing to identify and isolate infected individuals is a promising

SARS-CoV-2, influenza A/B and respiratory syncytial virus positivity and association with influenza-like illness and self-reported symptoms, over the 2022/23 winter season in the UK: a longitudinal surveillance cohort

30 Mar 2024

Author Names: Dietz E.,Pritchard E.,Pouwels K.,Ehsaan M.,Blake J.,Gaughan C.,Haduli E.,Boothe H.,Vihta K.-D.,Peto T.,Stoesser N.,Matthews P.,Taylor N.,Diamond I.,Studley R.,Rourke E.,Birrell P.,De Angelis D.,Fowler T.,Watson C.,Eyre D.,House T.,Walker A.S

Overcoming Intrinsic and Acquired Resistance Mechanisms Associated with the Cell Wall of Gram-Negative Bacteria.

30 Mar 2024

Author Names: Impey RE,Hawkins DA,Sutton JM,Soares da Costa TP Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 29, 2024> Journal Title: Antibiotics Article Title: Overcoming Intrinsic and Acquired Resistance Mechanisms Associated with the Cell Wall of Gram-Negative Bacteria

Current state of COVID-19 in children: 4 years on.

30 Mar 2024

Author Names: Powell AA,Dowell AC,Moss P,Ladhani SN Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 29, 2024> Journal Title: Journal of Infection Article Title: Current state of COVID-19 in children: 4 years on. Year: 2024 Issue: 5 Volume: 88 Abstract: Children have been disproportionately affected by the COVID-19 pandemic

Listeria monocytogenes: the silent assassin.

29 Mar 2024

Author Names: Fotopoulou ET,Jenkins C,Painset A,Amar C Database Source: Ovid MEDLINE(R) Daily Update <March 28, 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

Development and validation of a random forest algorithm for source attribution of animal and human Salmonella Typhimurium and monophasic variants of S. Typhimurium isolates in England and Wales utilising whole genome sequencing data.

29 Mar 2024

Author Names: Guzinski J,Tang Y,Chattaway MA,Dallman TJ,Petrovska L Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 28, 2024> Journal Title: Frontiers in Microbiology Article Title: Development and validation of a random forest algorithm for source attribution of animal and human <ovid:i>Salmonella</ovid:i> Typhimurium and monophasic variants of <ovid:i>S

Monitoring Antimicrobial Resistance and Drug Usage in the Human and Livestock Sector and Foodborne Antimicrobial Resistance in Six European Countries.

29 Mar 2024

Author Names: Mesa Varona O,Chaintarli K,Muller-Pebody B,Anjum MF,Eckmanns T,Norstrom M,Boone I,Tenhagen BA Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 28, 2024> Journal Title: Infection & Drug Resistance Article Title: Monitoring Antimicrobial Resistance and Drug Usage in the Human and Livestock Sector and Foodborne Antimicrobial Resistance in Six European Countries

Antibiotic resistance prediction for *Mycobacterium tuberculosis* from genome sequence data with Mykrobe.

29 Mar 2024

Author Names: Hunt M,Bradley P,Lapierre SG,Heys S,Thomsit M,Hall MB,Malone KM,Wintringer P,Walker TM,Cirillo DM,Comas I,Farhat MR,Fowler P,Gardy J,Ismail N,Kohl TA,Mathys V,Merker M,Niemann S,Omar SV,Sintchenko V,Smith G,van Soolingen D,Supply P,Tahseen S,Wilcox M,Arandjelovic I,Peto TEA,Crook DW,Iqbal Z Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <March 28, 2024> Journal Title:

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.

28 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 4 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

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

28 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) <December Week 4 2023 to March Week 4 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

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

28 Mar 2024

Author Names: Hartner AM,Li X,Echeverria-Londono S,Roth J,Abbas K,Auzenberg M,de Villiers MJ,Ferrari MJ,Fraser K,Fu H,Hallett T,Hinsley W,Jit M,Karachaliou A,Moore SM,Nayagam S,Papadopoulos T,Perkins TA,Portnoy A,Minh QT,Vynnycky E,Winter AK,Burrows H,Chen C,Clapham HE,Deshpande A,Hauryski S,Huber J,Jean K,Kim C,Kim JH,Koh J,Lopman BA,Pitzer VE,Tam Y,Lambach P,Sim SY,Woodruff K,Ferguson

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28 Mar 2024

Author Names: Bellingeri A,Palmaccio GM,Cecone C,Trotta F,Corsi I Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: Ecotoxicology & Environmental Safety Article Title: Preliminary assessment of

environmental safety (ecosafety) of dextrin-based nanosponges for environmental applications

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

28 Mar 2024

Author Names: Lee ACK,Iversen BG,Lynes S,Desenclos JC,Bezuidenhoudt JE,Flodgren GM,Pyone T Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: Public Health Article Title: The state of integrated disease surveillance globally: synthesis report of a mixed methods study

Untitled Article

28 Mar 2024

Author Names: Estcourt CS,Mapp F,Woode Owusu M,Low N,Flowers P,Copas A,Roberts TE,Mercer CH,Saunders J,Nandwani R,Althaus CL,Stirrup O,Symonds M,Howarth AR,Johnson AM,Okeke Ogwulu C,Pothoulaki M,Vojt G,Wayal S,Brice S,Comer-Schwartz A,Tostevin A,Williams E,Lasoye S,McQueen J,Abdali Z,Cassell JA Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 27, 2024> Journal Title: Article

Laboratory-acquired infections and pathogen escapes worldwide between 2000 and 2021: a scoping review.

28 Mar 2024

Author Names: Blacksell SD,Dhawan S,Kusumoto M,Le KK,Summermatter K,O'Keefe J,Kozlovac JP,Almuhairi SS,Sendow I,Scheel CM,Ahumibe A,Masuku ZM,Bennett AM,Kojima K,Harper DR,Hamilton K Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: The Lancet

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

28 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) <December Week 4 2023 to March Week 4 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

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

28 Mar 2024

Author Names: Waterlow NR,Cooper BS,Robotham JV,Knight GM Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: PLoS Medicine / Public Library of Science Article Title: Antimicrobial resistance prevalence in bloodstream infection in 29 European countries by age and sex: An observational study

Rapid antigen testing for SARS-CoV-2 by lateral flow assay: A field evaluation of self- and professional testing at UK community testing sites.

28 Mar 2024

Author Names: Futschik ME,Johnson S,Turek E,Chapman D,Carr S,Thorlu-Bangura Z,Klapper PE,Sudhanva M,Dodgson A,Cole-Hamilton JR,Germanacos N,Kulasegaran-

Shylini R,Blandford E,Tunkel S,Peto T,Hopkins S,Fowler T Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: Journal of Clinical Virology Article Title: Rapid antigen testing for SARS-CoV-2 by lateral

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

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: Journal of Virology Article Title: Lymphocytic choriomeningitis arenavirus requires cellular COPI and AP-4 complexes for efficient virion production

Evaluation of a custom designed hybridisation assay for whole genome sequencing of human adenoviruses direct from clinical samples.

28 Mar 2024

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Increased rates of hospital-onset Staphylococcus aureus bacteraemia in National Health Service acute trusts in England between June 2020 and March 2021: a national surveillance review.

28 Mar 2024

Author Names: Mason E,Nsonwu O,Elmes J,Chudasama D,Pearson C,Hasan L,Hope R,Gerver SM Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: Journal of Hospital Infection Article Title: Increased rates of hospital-onset Staphylococcus aureus bacteraemia in National Health Service acute trusts in England between June 2020 and March 2021: a national surveillance review

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

28 Mar 2024

Author Names: Hempel H,Page M,Kemp T,Semper A,Brooks T,Pinto LA Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: The Lancet. Microbe Article Title: The importance of using WHO International Standards to harmonise SARS-CoV-2 serological assays

Mycoplasma pneumoniae: delayed re-emergence after COVID-19 pandemic restrictions.

28 Mar 2024

Author Names: Meyer Sauteur PM,Beeton ML Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: The Lancet. Microbe Article Title: Mycoplasma pneumoniae: delayed re-emergence after COVID-19 pandemic restrictions. Year: 2024 Issue: 2 Volume: 5 Abstract:

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

28 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) <December Week 4 2023 to March Week 4 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

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.

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: PLoS ONE [Electronic Resource] Article Title: Persistent symptoms are associated with long term effects of COVID-19

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

28 Mar 2024

Author Names: Tewkesbury DH,Pollard LR,Green HD,Horsley A,Kenna D,Jones AM Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 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

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

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: Journal of the Royal Society Interface Article Title: The reproduction number and its probability distribution for stochastic viral dynamics

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

28 Mar 2024

Author Names: Senin A,Noordin NM,Sani JAM,Mahat D,Donadel M,Scobie HM,Omar A,Chem YK,Zahari MI,Ismail F,Rahman RA,Hussin HM,Selvanesan S,Aziz ZA,Arifin WNAWM,Bakar RSA,Rusli N,Zailani MH,Soo P,Lo YR,Grabovac V,Rota PA,Mulders MN,Featherstone D,Warrener L,Brown DW Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: PLoS ONE [Electronic Resource]

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28 Mar 2024

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

28 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) Daily Update <March 27, 2024> Journal Title: The Lancet

Potential beneficial effect of IFN-beta1a and ocrelizumab in people with MS during the COVID-19 pandemic.

28 Mar 2024

Author Names: Todorovic S, Vojinovic S, Savic D, Aleksic D, Danilovic M Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: Acta Neurologica Belgica Article Title: Potential beneficial effect of IFN-beta1a and ocrelizumab in people with MS during the COVID-19 pandemic

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

28 Mar 2024

Author Names: Gilham EL, Pearce-Smith N, Carter V, Ashiru-Oredope D Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 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

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

28 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 4 2024> Journal Title: Scientific Reports Article Title: Diversity of symptom phenotypes in SARS-CoV-2 community infections observed in multiple large datasets

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28 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) <December Week 4 2023 to

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.

28 Mar 2024

Author Names: Rowley F,Cottrell S,Howard C,Meredith N,Song J,Barrasa A,Johnson C
Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024>
Journal Title: Vaccine Article Title: Use of invitations and reminders are associated with higher levels of Herpes zoster (shingles) vaccination uptake

Radiotherapy for non-cancer diseases: benefits and long-term risks.

28 Mar 2024

Author Names: Thariat J, Little MP, Zablotska LB, Samson P, O'Banion MK, Leuraud K, Bergom C, Girault G, Azimzadeh O, Bouffler S, Hamada N Database Source: Ovid MEDLINE(R) Daily Update <March 27, 2024> Journal Title: International Journal of Radiation Biology Article Title: Radiotherapy for non-cancer diseases: benefits and long-term risks

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

28 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) <December Week 4 2023 to March Week 4 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

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

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: Clinical Microbiology & Infection Article Title: Excess resource use and cost of

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.

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: Journal of Infection Article Title: Concomitant, consecutive, self-obtained facemask and swab samples from exhaled

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

28 Mar 2024

Author Names: Haq ZU, Fazid S, Hussain B, Khan MF, Betanni A, Behrawar B, Afridi S Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: 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

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

28 Mar 2024

Author Names: Sanchez Clemente N, Coles C, Paixao ES, Brickley EB, Whittaker E, Alfven T, Rulisa S, Agudelo Higueta N, Torpiano P, Agravat P, Thorley EV, Drysdale SB, Le Doare K, Muyembe Tamfum JJ Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: The Lancet Global Health Article Title: Paediatric, maternal, and congenital mpox: a systematic review and

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.

28 Mar 2024

Author Names: Whitaker HJ, Hassell K, Hoschler K, Power L, Stowe J, Boddington NL, Tsang C, Zhao H, Linley E, Button E, Okusi C, Aspden C, Byford R, deLusignan S, Amirthalingam G, Zambon M, Andrews NJ, Watson C Database Source: Ovid MEDLINE(R) <December Week 4 2023 to March Week 4 2024> Journal Title: Vaccine Article Title: Influenza vaccination during the 2021/22 season: A data-linkage test-negative

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

28 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

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.

28 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) <December Week 4 2023 to March Week 4 2024> Journal Title: Sexually Transmitted Infections Article Title: Sexual and reproductive health in Britain during the first

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.

27 Mar 2024

Author Names: Stanley J, Sullivan B, Dowsey AW, Jones K, Beck CR Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 26, 2024> Journal Title: Clinical Microbiology & Infection Article Title: 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

Regulatory workshop on challenge strain development and GMP manufacture - A stakeholder meeting report.

27 Mar 2024

Author Names: Corti N,Chiu C,Cox RJ,Demont C,Devaster JM,Engelhardt OG,Gorringe A,Hassan K,Hoefnagel M,Kamerling I,Krut O,Lane C,Liebers R,Luke C, Van Molle W,Morel S,Neels P,Roestenberg M,Rubbrecht M,Klaas Smits W,Stoughton D,Talaat K,Vehreschild MJGT,Wildfire A,Meln I,Olesen OF Database Source: Ovid MEDLINE(R) Daily Update <March 26, 2024> Journal Title: Biologicals Article Title:

The important lessons lurking in the history of meningococcal epidemiology.

27 Mar 2024

Author Names: Borrow R,Findlow J Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 26, 2024> Journal Title: Expert Review of Vaccines Article Title: The important lessons lurking in the history of meningococcal epidemiology

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

27 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 26, 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

Ultrasound-Driven Deposition of Au and Ag Nanoparticles on Citrus Pectin: Preparation and Characterisation of Antimicrobial Composites.

27 Mar 2024

Author Names: Bucciol F,Manzoli M,Zhang C,Di Nardo G,Gilardi G,Calcio Gaudino E,Cravotto G Database Source: Ovid MEDLINE(R) Epub Ahead of Print <March 26, 2024> Journal Title: Chempluschem Article Title: Ultrasound-Driven Deposition of Au and Ag Nanoparticles on Citrus Pectin: Preparation and Characterisation of Antimicrobial Composites

Genomic epidemiology of syphilis in England: a population-based study.

27 Mar 2024

Author Names: Beale MA,Thorn L,Cole MJ,Pitt R,Charles H,Ewens M,French P,Guiver M,Page EE,Smit E,Vera JH,Sinka K,Hughes G,Marks M,Fifer H,Thomson NR Database Source: Ovid MEDLINE(R) Daily Update <March 26, 2024> Journal Title: The Lancet. Microbe Article Title: Genomic epidemiology of syphilis in England: a population-based study

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

27 Mar 2024

Author Names: Mak J,Feary J,Amaral AFS,Marczylo E,Cullinan P,Green DC Database Source: Ovid MEDLINE(R) Daily Update <March 26, 2024> Journal Title: Environment International Article Title: Occupational exposure to particulate matter and staff sickness absence on the London underground

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

27 Mar 2024

Author Names: Bollaerts K,Wyndham-Thomas C,Miller E,Izurieta HS,Black S,Andrews N,Rubbrecht M,Van Heuverswyn F,Neels P Database Source: Ovid MEDLINE(R) Daily Update <March 26, 2024> Journal Title: Biologicals Article Title: The role of real-world evidence for regulatory and public health decision-making for Accelerated Vaccine Deployment- a meeting report

[Detection of Vaccine-Induced Antibodies to Ebola Virus in Oral Fluid.](#)

26 Mar 2024

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