Surveillance

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News From the Centers for Disease Control and Prevention March 27, 2018 - Drug-Resistant Infections from Raw Milk. JAMA
Candida auris: epidemiological situation, laboratory capacity and preparedness in European Union and European Economic Area countries, 2013 to 2017. Eurosurveillance
Microbiological and epidemiological information relating to multi-drug resistant gonorrhoea (MDRGC) in England, the first case being reported in March 2018. Public Health England Health Protection Report
Treatment and diagnosis

Population pharmacokinetics and probability of target attainment of ertapenem administered by subcutaneous or intravenous route in patients with bone and joint infection. *Journal of Antimicrobial Chemotherapy*

Duration of exposure to multiple antibiotics is associated with increased risk of VRE bacteraemia: a nested case-control study. *Journal of Antimicrobial Chemotherapy*

Procalcitonin monitoring as a guide for antimicrobial therapy: a review of current literature. *Pharmacotherapy*

Antibacterial activity of ceftolozane/tazobactam alone and in combination with other antimicrobial agents against MDR *Pseudomonas aeruginosa*. *Journal of Antimicrobial Chemotherapy*

Temocillin dosing in haemodialysis patients based on population pharmacokinetics of total and unbound concentrations and Monte Carlo simulations. *Journal of Antimicrobial Chemotherapy*

Opportunities for better value wound care: a multiservice, cross-sectional survey of complex wounds and their care in a UK community population. *BMJ Open*

Detection of *Neisseria meningitidis* in a paediatric patient with septic arthritis using multiplexed diagnostic PCR targeting meningitis/encephalitis (ME). *Annals of Clinical Microbiology and Antimicrobials*

Clinical efficacy and safety of cefepime–tazobactam in hospitalized patients in South India. *Infectious Diseases*

Impact of fluoroquinolone prophylaxis on documented infections in patients with febrile neutropenia. *Infectious Diseases*

Combination antibiotic therapy for *Pseudomonas aeruginosa* bacteremia in febrile neutropenic patients? The question still remains. *Infectious Diseases*

A shorter period of therapy is associated with higher mortality in bloodstream infections caused by carbapenemase-producing *Klebsiella pneumoniae* in a Brazilian centre. *Infectious Diseases*

A potential benefit from infectious disease specialist and stationary ward in rational antibiotic therapy of complicated skin and skin structure infections. *Infectious Diseases*

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Tuberculosis: progress and advances in development of new drugs, treatment regimens, and host-directed therapies. *Lancet Infectious Diseases*

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Hand hygiene and compliance behaviours are the under-appreciated human factors pivotal to reducing hospital-acquired infections. *Journal of Hospital Infection*

Efficacy of ethanol against viruses in hand disinfection. *Journal of Hospital Infection*
Changing the paradigm: messages for hand hygiene education and audit from cluster analysis. *Journal of Hospital Infection*

Demonstrating success in reducing adult cardiac surgical site infections and the economic impact of using multidisciplinary collaboration. *Journal of Hospital Infection*

Multidrug-resistant infections in long-term care facilities: extended-spectrum β-lactamase–producing Enterobacteriaceae and hypervirulent antibiotic resistant *Clostridium difficile*. *Diagnostic Microbiology & Infectious Diseases*

Antimicrobial stewardship in the neonatal unit reduces antibiotic exposure. *Acta Paediatrica*

Can Infection Prevention Programs in Hospitals and Nursing Facilities Be Integrated? From Silos to Partners. *JAMA*

The Importance of Contact Precautions for Endemic Methicillin-Resistant Staphylococcus aureus and Vancomycin-Resistant Enterococci. *JAMA*

Effectiveness of interventions to improve the public’s antimicrobial resistance awareness and behaviours associated with prudent use of antimicrobials: a systematic review. *Journal of Antimicrobial Chemotherapy*

Evaluation of institutional guideline adherence for carbapenem use at a large academic medical center. *Infectious Diseases*

Fluoroquinolone Restriction as an Effective Antimicrobial Stewardship Intervention. *Current Infectious Disease Reports*

The impact of paediatric antimicrobial stewardship programmes on patient outcomes. *Current Opinion in Infectious Diseases*

Barriers to and enablers of implementing antimicrobial stewardship programs in veterinary practices. *Journal of Veterinary Internal Medicine*

Expert consensus regarding drivers of antimicrobial stewardship in companion animal veterinary practice: a Delphi study. *BMJ VetRecord*

**Microbiology**

*Lactobacillus paracasei* CNCM I-3689 reduces vancomycin-resistant Enterococcus persistence and promotes Bacteroidetes resilience in the gut following antibiotic challenge. *Scientific Reports*

Vancomycin and Daptomycin Minimum Inhibitory Concentration as a predictor of methicillin-resistant Staphylococcus aureus bacteremia outcome. *Journal of Global Antimicrobial Resistance*

Genomic epidemiology of multidrug-resistant Gram-negative organisms. *Annals of the New York Academy of Sciences*

**Other**

Concrete action now: UN High-Level Meeting on Tuberculosis. *Lancet Infectious Diseases*

Opportunities and challenges to improving antibiotic prescribing practices through a One Health approach: results of a comparative survey of doctors, dentists and veterinarians in Australia. *BMJ Open*

Note from the editors: World Tuberculosis Day 2018 and Special issue–Screening and prevention of infectious diseases in newly arrived migrants in Europe. *Eurosurveillance*
The publications included in the scan are: Antimicrobial Agents and Chemotherapy, British Medical Journal, Clinical Infectious Diseases, Clinical Microbiology and Infection, Emerging Infectious Diseases, Eurosurveillance, Infection Control & Hospital Epidemiology, Infectious Diseases, JAMA - The Journal of the American Medical Association, Journal of Antimicrobial Chemotherapy, Journal of Hospital Infection, Journal of Infectious Diseases, Lancet, Lancet Infectious Diseases, New England Journal of Medicine, Pediatrics and Scandinavian Journal of Primary Health Care. In addition, other articles from other publications can be included.