

ABR-Scan Science Week 13-14

Unit for Antibiotics and Infection Control

This ABR-Scan Science is compiled by the Unit for Antibiotics and Infection Control at the Public Health Agency of Sweden. It includes a summary of links to recent articles from a selection of 17 scientific journals that we find interesting. All journals included in the scan are listed at the bottom of the document. The articles are sorted according to our categorization: surveillance, treatment and diagnosis, prevention and intervention, microbiology and other. If you have any comments or suggestions, please send an e-mail to Jonas Fuks at ABR-scan@folkhalsomyndigheten.se

Surveillance

mcr-1 Colistin Resistance in ESBL-Producing *Klebsiella pneumoniae*, France. [Emerging Infectious Diseases](#)

Azithromycin Resistance and Decreased Ceftriaxone Susceptibility in *Neisseria gonorrhoeae*, Hawaii. [Emerging Infectious Diseases](#)

CTX-M-27–Producing *Escherichia coli* of Sequence Type 131 and Clade C1-M27, France. [Emerging Infectious Diseases](#)

Antimicrobial Drug Resistance among Refugees from Syria, Jordan. [Emerging Infectious Diseases](#)

Occurrence of blaKPC-2, blaCTX-M, and mcr-1 in Enterobacteriaceae from Well Water in Rural China. [Antimicrobial Agents and Chemotherapy](#)

Multicenter Clinical and Molecular Epidemiological Analysis of Bacteremia Due to Carbapenem-Resistant Enterobacteriaceae (CRE) in the CRE Epicenter of the United States. [Antimicrobial Agents and Chemotherapy](#)

Multiclonal Expansion of *Klebsiella pneumoniae* Isolates Producing NDM-1 in Rio de Janeiro, Brazil. [Antimicrobial Agents and Chemotherapy](#)

Australian Gonococcal Surveillance Programme annual report, 2015. [Communicable Diseases Intelligence](#)

Australian Gonococcal Surveillance Programme, 1 July to 30 September 2016. [Communicable Diseases Intelligence](#)

Treatment and diagnosis

Early, Goal-Directed Therapy for Septic Shock — A Patient-Level Meta-Analysis. [New England Journal of Medicine](#)

Nephrotoxicity in Patients with or without Cystic Fibrosis Treated with Polymyxin B Compared to Colistin. [Antimicrobial Agents and Chemotherapy](#)

Clindamycin Affects Group A *Streptococcus* Virulence Factors and Improves Clinical Outcome. [Journal of Infectious Diseases](#)

Reduction of Pertussis Inflammatory Pathology by Therapeutic Treatment With Sphingosine-1-Phosphate Receptor Ligands by a Pertussis Toxin-Insensitive Mechanism. [Journal of Infectious Diseases](#)

Test Aids Antibiotic Decisions. [JAMA](#)

Cranberry Capsules for Bacteriuria Plus Pyuria in Nursing Home Residents. [JAMA](#)

Cranberry Capsules for Bacteriuria Plus Pyuria in Nursing Home Residents [correspondence]. [JAMA](#)

Cranberry Capsules for bacteriuria Plus Pyuria in Nursing Home Residents [correspondence]. [JAMA](#)

Prevention and intervention

Development of a Live Attenuated Bivalent Oral Vaccine Against *Shigella sonnei* Shigellosis and Typhoid Fever. [Journal of Infectious Diseases](#)

Microbiology

Carbapenem MICs in Escherichia coli and Klebsiella Species Producing Extended-Spectrum β -Lactamases in Critical Care Patients from 2001 to 2009. [Antimicrobial Agents and Chemotherapy](#)

The Discovery of Penicillin—New Insights After More Than 75 Years of Clinical Use. [Emerging Infectious Diseases](#)

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.