ABR-Scan Science Week 7-8
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

ESBL/AmpC- and carbapenemase-producing Enterobacteriaceae in animals: a threat for humans? Clinical Microbiology and Infection

Prevalence of mcr-1 in Escherichia coli and Klebsiella pneumoniae recovered from bloodstream infections in China: a multicentre longitudinal study. Lancet Infectious Diseases
China's antibiotic resistance problems. Lancet Infectious Diseases
Zoonotic Transmission of mcr-1 Colistin Resistance Gene from Small-Scale Poultry Farms, Vietnam. Emerging Infectious Diseases
Trends in carbapenemase-producing Enterobacteriaceae. Eurosurveillance
Epidemiology of Invasive Haemophilus influenzae Disease, Europe, 2007–2014. Emerging Infectious Diseases
Australian Gonococcal Surveillance Programme, 1 April to 30 June 2016. Communicable Disease Intelligence
Australian Gonococcal Surveillance Programme, 1 January to 31 March 2016. Communicable Diseases Intelligence
In vitro activity of Tedizolid phosphate against multidrug-resistant Streptococcus pneumoniae isolates from Asian countries. Diagnostic Microbiology and Infectious Diseases

Treatment and diagnosis

Clinical features and prognostic factors of listeriosis: the MONALISA national prospective cohort study. Lancet Infectious Diseases
MONALISA: a grim picture of listeriosis. Lancet Infectious Diseases
Azithromycin in Labor Lowers Clinical Infections in Mothers and Newborns: A Double-Blind Trial. Pediatrics

Microbiology

Clonal or not clonal? Investigating hospital outbreaks of KPC-producing Klebsiella pneumoniae with whole-genome sequencing. Clinical Microbiology and Infection

A four year seasonal survey of the relationship between outdoor climate and epidemiology of viral respiratory tract infections in a temperate climate. Journal of Clinical Virology

Other

Reliability of self-reported recent antibiotic use among the general population: a cross-sectional study. Clinical Microbiology and Infection
Approaches for quantifying antimicrobial consumption per animal species based on national sales data: a Swiss example. 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.