CALL FOR PAPERS

Special issue on

Antimicrobial Resistance in the Region of the Americas


Background

Antimicrobial resistance is considered one of the most serious threats to public health worldwide, with the potential to affect anyone, at any age and in any country. Without coordinated and urgent action from all stakeholders, the world is heading towards a post-antibiotic era in which common infections that have been treated effectively for decades can be difficult and expensive to treat. In addition, antimicrobial resistance has a serious impact on the economic development of countries, including agriculture and livestock. In this context, in 2015 the World Health Organization (WHO), in collaboration with key partners such as the United Nations Food and Agriculture Organization (FAO) and the World Organisation for Animal Health (OIE), developed the Global Action Plan on Antimicrobial Resistance (1), adopted by the World Health Assembly. In that year, the Member States of the Pan American Health Organization endorsed the Plan of Action on Antimicrobial Resistance (2). Almost five years later, it is time to know the degree of progress achieved, the remaining challenges and the impact of the interventions aimed at containing antimicrobial resistance.

This special issue of the Pan American Journal of Public Health will present the evidence acquired in the Americas on the epidemiological, microbiological, clinical and socioeconomic aspects of antimicrobial resistance; on interventions aimed at quantifying and reducing their impact on health and the economy; and on how to reduce antimicrobial resistance from the perspective of the WHO multisectoral approach "One health" (3). It will address not only bacterial resistance to antibiotics but also resistance to antiviral (including antiretroviral) and antituberculosis drugs.

Main theme and key topics

Under the main theme of antimicrobial resistance, manuscripts on the following key topics will be considered. Manuscripts must have a clear focus on public health and present updated information.

1. Epidemiology of antimicrobial resistance: burden of disease, dynamics of epidemics and epidemiological models.
3. The multisectoral approach "One health" and antimicrobial resistance: food safety, veterinary public health and environmental aspects. Regulatory aspects and use of antimicrobials in the veterinary field and agriculture.
4. Implementation of policies, strategies or programs for the optimized use of antimicrobials. Control and prevention of infections associated with health care. Role of vaccines in the containment of antimicrobial resistance.
Language of submissions
Papers will be accepted in Spanish, English or Portuguese. The manuscript selection process will follow the journal peer review usual procedures.

Publishing standards
Contributions include original research articles, systematic reviews, opinion and analysis, special reports, brief communications or current topics; please see the Instructions for authors. Please indicate in the cover letter and in the electronic submission interface that the manuscript is being submitted for the Special Issue on Antimicrobial Resistance.

Deadline: September 30, 2019

Questions: contacto_rpsp@paho.org Please include in the subject: "SI Antimicrobial Resistance"

www.paho.org/journal

REFERENCES


3. World Health Organization. The multisectoral “One Health” approach. Available at: https://www.who.int/features/qa/one-health/es/