



Diagnosis, Management and Antibiotic Therapy of Urinary Tract Infections

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Message from the Guest Editor

Dear Colleagues,

Infectious diseases have always been one of the most influential forces to influence social life, economy, and politics throughout human history. The discovery and introduction of antibiotics and vaccines were milestones of the last century that equipped modern medicine with valuable instruments to manage infections.

Antibiotics in particular emerged as the new “magic bullets” to successfully combat bacterial infections. However, their overuse and misuse in recent decades have resulted in a new global healthcare crisis with the alarming increase in antimicrobial resistance (AMR). The first projections outlined a pre-antibiotic scenario with infectious disease as the number one cause of death on a global scale.

In this Special Issue, we aim to gather an interdisciplinary group of experts to report on the current developments and trends in the field to keep the reader up to date and to provide guidance for the management of urinary tract infections in our daily clinical practice.

Keywords: urinary tract infection; antibiotics; vaccines; antimicrobial resistance; infectious disease; diagnosis; antimicrobial therapy





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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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