Preface

Infectious Diseases caused by pathogens encompassing viruses, parasites, bacteria and fungi remain one of the major causative factors for mortality across the globe. WHO published a list of bacteria for which new antibiotics are urgently needed. Carbapenem-resistant *A. baumannii*, carbapenem-resistant *P. aeruginosa*, and carbapenem-resistant *K. pneumoniae* are considered within the group of priority 1 (critical), vancomycin-resistant *E. faecium* and vancomycin-resistant or glycopeptide-non susceptible *S. aureus* are grouped within the group of priority 2 (high). To address this urgent and unmet medical need, new drugs acting on previously unexplored targets need to be developed. Unfortunately, the area is too broad and there are several issues, the major being the resistance to even the new drugs which underscore the need for continued research to-wards discovering newer chemical entities to treat them.

*Anti-Infective Agents* which has now entered the 19th year of publishing specifically disseminate new knowledge in the area of infectious diseases. In particular, this journal publishes reviews, conference reports and original research papers concerning synthesis and bioactivity of new chemicals, advancement in biology, delivery systems and clinical trials results related to these diseases. There has been continuous increase in the number of manuscripts received by the editorial office on these topics and the present issue bears reflection of the same. The editorial office expresses gratitude to all the reviewers as their inputs helped to assess the manuscripts carefully. Finally, I would like to thank Bentham Science Publishers for appointing me as the Editor-in-Chief of this journal, and acknowledge the unrelenting assistance by Ms. Sabika Naqvi, which has helped me in managing this journal.

Dr. Giovanni Gherardi

*Editor-in-Chief*
University Campus Bio-Medico
Rome
Italy
E-mail: g.gherardi@unicampus.it