

Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.



Antimicrobial stewardship during the COVID-19 pandemic

Timothy M. Rawson

Health Protection Research Unit for Healthcare Associated Infections and Antimicrobial Resistance, Imperial College London, London, UK

The SARS-CoV-2 pandemic may have a complex long-term impact on antimicrobial resistance (AMR). We will review the reported impact of COVID-19 on antimicrobial prescribing and AMR in the community and hospital settings. We will explore the links between bacterial infection and COVID-19 and discuss potential solutions to mitigate the negative impact of the pandemic on antimicrobial stewardship and AMR. Finally, we will explore the ongoing development of co-ordinated strategies at the individual, health-care and policy levels to inform necessary actions to reduce the potential longer-term impact on AMR and on access to effective antimicrobials.