



Antimicrobial Use in Companion Animals—2nd Edition

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Message from the Guest Editors

Currently, antimicrobial resistance (AMR) is a serious and complex issue. It is now generally accepted that antimicrobial use (AMU) plays a major role in the prevalence of antimicrobial-resistant bacteria in a microbial population. As the issue of AMU has been addressed only quantitatively, the focus has fallen for several years on AMU in food-producing animals, where the largest quantity of antimicrobials is being used. However, companion animals are now increasingly recognized as a reservoir and source of transmission of resistant microbes for other animals and humans. However, the extent to which this occurs is still unknown. As the number of households that own a companion animal is large and constantly increasing (nearly 200 million in Europe alone), significant concerns are raised regarding the lack of knowledge on the risk factors and transmission routes for the transfer of AMR between these animals and humans. This Special Issue aims to gather and publish significant additional knowledge on all of these issues, hosting relevant research studies and reviews.





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Message from the Editor-in-Chief

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