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Mobile Genetic Elements and Microbial Multidrug Resistance

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Message from the Guest Editors

Studies on MGEs are critical to delineate the factors and mechanisms that influence the increasing trends of resistance and provide a valuable resource to devise novel approaches for mitigating the threat of AMR and superbugs. This will also support stakeholders in improving the surveillance of AMR gene flow, identifying genetic reservoirs, and harnessing microbial ecology and evolutionary pathways to control drug-resistant microorganisms.

This Special Issue is focused on 1) addressing the global antimicrobial resistance threat, 2) filling knowledge gaps in the understanding of the transmission dynamics of AMR genes and MGEs, and 3) highlighting new advances and discoveries related to the emergence of problematic MDR organisms, especially those that exhibit resistance to critical and last resort antibiotics. We cordially invite researchers working in these areas to contribute Original Research, Case Reports, and General and Systematic Reviews.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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