

## Special Issue

# State-of-the-Art Infectious Disease Epidemiology in Japan

### Message from the Guest Editors

It is expected that the number of deaths caused by antimicrobial resistance (AMR) infections in the world will reach 10 million by 2050. Taking this crisis into consideration, WHO required each nation to develop an action plan for AMR. Japan announced a national action plan on AMR composed of 6 fields: 1. Public awareness and education; 2. Surveillance; 3. Infection prevention and control; 4. Appropriate use of antimicrobials; 5. Research and development; 6. International cooperation. The strategy has been utilized for the prevention of AMR, especially by survey or appropriate use of antimicrobials. Japan has been avoiding the critical rise in AMR through these searches even though AMR rates have been rising all over the world. Therefore, we need to disseminate the latest research addressing the development of new antimicrobial agents, monitoring for efficacy and safety of antimicrobial agents, and setting optimal dosage to the world. Not only papers reporting original data from epidemiologic studies but also systematic reviews and meta analyses are welcome in this Special Issue, especially those providing latest approaches to overcome antimicrobial resistance in Japan.

### Guest Editors

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### Deadline for manuscript submissions

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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