Special Issue

Campylobacter Infection: Antibiotic Susceptibility, Global Epidemiology and Dynamics of Transmission

Message from the Guest Editor

Campylobacter spp. is considered the most common bacterial cause of human gastroenteritis in the world. Although infections are generally mild, they can be fatal among very young children, elderly, and immunosuppressed individuals and post-infection sequelae (reactive arthritis, Miller-Fisher syndrome or Guillain-Barré syndrome) can be produced. Campylobacteriosis is transmitted to humans from animals or animal products, specially carcasses or meats which could be contaminated during slaughtering. However, the relative contribution of other sources such as contaminated milk and water to the overall burden of disease is unknown. Moreover, most of studies have been carried out in High income countries and little is known about the epidemiology of this pathogen in Low and Medium Incomes Countries. Therefore, the scope of this Special Issue includes papers dealing with antibiotic susceptibility, proteomics, genomics, and virulence as well as the epidemiology and dynamic of transmission of Campylobacter, specially in LMIC.

Guest Editor

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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