Special Issue

Advances in Campylobacter: Molecular Epidemiology, Virulence Factors, Immune Response and Drug Resistance

Message from the Guest Editors

Worldwide, *Campylobacter jejuni* and *Campylobacter coli* are considered the most common causative agents of bacterial enteritis. Furthermore, there are also many *Campylobacter*-related organisms (e.g., *Arcobacter* species or facultative anaerobic *Campylobacter* species such as *Campylobacter showae* or *Campylobacter rectus*) for which there are only a few studies dealing with their clinical relevance, virulence, pathogenesis, and antimicrobial resistance. *Campylobacter* infections also trigger a number of post-infectious sequelae that are causally linked to the complexity of the initial antibacterial immune response. The scope of this Special Issue includes all papers dealing with the epidemiology, antibiotic susceptibility, proteomics, genomics, and virulence of *Campylobacter* and closely related microbial species. The aspects of virulence and pathogenesis should also be expressly extended here to include the immunopathogenesis of post-infectious sequelae. In addition to original research, review articles and case reports—in particular those dealing with rare *Campylobacter* species, preferably in combination with genome data—are also within the scope of the Special Issue.

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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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