Special Issue

Cyclospora cayetanensis and Cyclosporiasis, 2nd Edition

Message from the Guest Editors

Cyclospora cayetanensis is an emerging and important cause of foodborne outbreaks of enteric disease in many developed countries, which are mostly associated with the consumption of contaminated fresh produce. Infection by C. cavetanensis is remarkably seasonal worldwide, although it varies by geographical regions. The most susceptible populations are children, foreigners, and immunocompromised patients in endemic countries, while in industrialized countries, C. cavetanensis affects people of any age. There are no animal models, and/or in vivo and in vitro culture systems to facilitate C. cavetanensis research, and many of the epidemiological aspects of this parasitic disease remain unknown. In addition, there is an urgent need for an effective genotyping method for source tracking in outbreak investigations. The aim of this Special Issue is to provide a comprehensive, up-to-date overview of the current knowledge on C. cayetanensis and cyclosporiasis, including general biology, molecular biology, diagnosis, epidemiology, outbreaks, clinical disease, treatment, control, and prevention. We welcome research articles, reviews, and short communications related to these topics.

Guest Editors

Dr. Sonia Almeria

Dr. Monica Santin

Dr. Hediye Nese Cinar

Deadline for manuscript submissions

closed (31 May 2025)



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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.

Editor-in-Chief

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