Topical Collection

Updates on Rickettsia and Coxiella

Message from the Collection Editors

Rickettsiae and *Coxiella* are distinct bacterial groups, with the former an alphaproteobacterium and the later a gammaproteopbacterium, each with unique growth dynamics. Rickettsiae replicate in the cytosol or nucleus of eukaryotic cells while *Coxiella* grow in a pathogen-modified phagolysosome. These differences extend to their routes of transmission with rickettsiae mostly transmitted by arthropod vectors and *Coxiella* by air-borne transmission. However there is significant overlap in numerous aspects of their biology. This includes overlapping environmental niches, host and vector animals, and infection profiles in humans. This Special Issue, published by the journal *Pathogens*, will provide our small but productive community with an update on *Coxiella* and Rickettsiae. We are seeking papers from a wide scope, including epidemiological, species description and characterization, diagnostic assays, and vaccine development. We invite our colleagues from all disciplines, including clinical and basic research, to contribute their manuscripts for publication review in this Special Issue of the journal dedicated to our favorite microbes.

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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