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Bartonella and Bartonellosis: New Advances and Further Challenges

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Deadline for manuscript submissions: closed (31 December 2023)

Message from the Guest Editors

The genus Bartonella is comprised of fastidious Gramnegative, slow-growing, and facultative intracellular bacteria belonging to the Alpha-2 subgroup of the class Proteobacteria, and the order Rhizobiales. These microorganisms are most often transmitted to humans through animal bites or scratches (cats, dogs, and other animals), by scratch inoculation of infected flea or body louse feces into the skin, and potentially, by bites of other vectors including ants, biting flies, keds, mites, spiders, and ticks. An infectious disease produced by bacteria of the genus Bartonella is called Bartonellosis and includes disease. cat-scratch disease. Carrion's chronic lymphadenopathy, trench fever, chronic bacteraemia, culture-negative endocarditis, bacilliary angiomatosis, bacilliary peliosis, vasculitis, and uveitis.

In this Special Issue, I invite reviews or original research articles related to Bartonella and Bartonellosis with a special emphasis on pathogenic mechanisms, prevalence values and findings in diagnostic settings, and signs and symptoms of infection.



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