Special Issue

Aggregatibacter actinomycetemcomitans: A D-3 (Dysbiosis, Damage, Disease) Periodontal Pathobiont

Message from the Guest Editor

Aggregatibacter actinomycetemcomitans is a Gram-negative bacterium associated with localized aggressive periodontitis. It is equipped with several potent virulence factors that can cause cell death and induce or evade inflammation. However, research on its pathogenic mechanism in the human body and preclinical experimental models are still in the process of dynamic exploration. The focus of this Special Issue is on the following three research directions related to *A. actinomycetemcomitans*: (1) *Aggregatibacter actinomycetemcomitans* and its relationship to periodontal disease and other clinical infections;
(2) *Aggregatibacter actinomycetemcomitans* virulence genes;
(3) *Aggregatibacter actinomycetemcomitans* and ecological relationships in supra- and subgingival biofilms.

Guest Editor

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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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