



***Legionella pneumophila*: A Microorganism with a Thousand Faces**

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Message from the Guest Editors

Legionella pneumophila is naturally found in fresh water where bacteria parasitize within protozoa. It also lives planctonically in water or biofilms. The pathogenesis of Legionnaires' disease is largely due to the ability of *L. pneumophila* to invade and grow within macrophages. In recent times, a prodigious number of bacterial virulence factors which affect the growth of *L. pneumophila* in both macrophages and protozoa have been recognized. There is now evidence that some legionellosis outbreaks are correlated with the presence of biofilms. Thus, preventing biofilm formation appears as one of the strategies to reduce water system contamination.

This Special Issue has the goal to focus on epidemiological data and experimental evidence as well as possible mechanisms of *L. pneumophila* and host factors involved in Legionnaires' disease. Finally, it will review the known mechanisms of biofilm formation and old and new anti-biofilm substances.

Deadline for manuscript
submissions:

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Message from the Editor-in-Chief

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