Special Issue

Interaction between *Francisella* Species and the Host Immune System

Message from the Guest Editors

More than a century of research on Francisella tularensis has provided significant information on the bacterium itself and its relationship with its host. However, recently the genus Francisella contains at least ten species and the taxonomy of the whole genus is somewhat uncertain. Recent advances in infection biology utilizing high-throughput technologies and sophisticated cell biology models and tools have brought new insights into the Francisella–host immune system relationship. Francisella species seems to be a promising model for host–pathogen interaction studies.

The aim of this Special Issue is to provide new knowledge and enable a better understanding of the cellular and molecular events that lead 1) to Francisella sp. induced infection and 2) to the induction of protective immunity. Deciphering the extracellular and intracellular mutual interactions between Francisella and the host's molecular and cellular entities is absolutely necessary for the construction of an effective vaccine, which is still lacking.

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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.

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