



***Pasteurella multocida* and Its Virulence Factors**

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Message from the Guest Editor

Dear Colleagues,

Pasteurella multocida can infect a lot of animals causing various diseases with specific syndromes. While atrophic rhinitis of pigs is connected specifically to toxigenic *P. multocida* strains that express the exotoxin PMT (*P. multocida* toxin), the pathogenic mechanisms for other diseases are less well understood, although LPS is required for pathogenesis. Other emerging virulence factors that can be detected by the endotoxin receptor TLR4 are proteins, such as outer membrane proteins (Omp), fimbriae or porins. These factors are discussed as potential candidates to generate efficient vaccines.

This Special Issue aims to summarize what is known about the interaction of *P. multocida* endotoxins and its exotoxin with cells of the immune system. We welcome articles (research or review) that center on the effects of LPS, PMT, or other emerging virulence factors and the generation of vaccines, respectively.

Dr. Katharina Hieke-Kubatzky
Guest Editor





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Message from the Editor-in-Chief

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