



## Host Defense Against Bacteria

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### Message from the Guest Editor

Dear Colleagues,

Anti-bacterial host defense encompasses a diverse and clinically important set of interactions between bacteria and their host. Bacteria can range from mutualistic microbiota to highly virulent pathogens. Different species and strains have evolved unique mechanisms to adapt to their host environment, and continual adaptation to environmental exposures such as antibiotics presents an ongoing challenge for medicine. Bacterial virulence strategies often reveal important mammalian immune mechanisms, which span all aspects of innate and adaptive immunity. For this Special Issue of *Pathogens*, we invite you to submit a review article related to host defense against bacteria that elucidates emerging paradigms regarding interactions between medically relevant bacteria and their human hosts.

Dr. Sandip K. Datta  
*Guest Editor*





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## Editor-in-Chief

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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.

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