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Signaling Systems in *Pseudomonas aeruginosa* Biofilm

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Deadline for manuscript submissions:
closed (30 October 2017)

Message from the Guest Editors

Several signaling systems have been shown to be involved in different aspects of biofilm formation and maintenance, not least Quorum Sensing (QS) and cyclic-di-GMP. The importance of such signaling systems is supported by the growing identification of how factors regulated by these systems favor survival potentials of pathogens like *Pseudomonas aeruginosa*. Inhibition of signaling systems like QS and cyclic-di-GMP has gained considerable attention as potential approaches in the attempt to develop new strategies against biofilms. This Special Issue i n *Pathogens* on "Signaling Systems in *Pseudomonas aeruginosa* Biofilm" centers on the newest studies and current knowledge about the influence of signaling systems on *P. aeruginosa* biofilm, both in vitro and in vivo, as well as on the potential of modulating these regulatory systems to lower biofilm survival. We invite you to submit a research or review manuscripts covering these important molecular aspects of *P. aeruginosa* biofilm and look forward to contributions that can increase our understanding and knowledge of this important scientific field.

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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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Journal Rank: JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

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