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Advances in Bacterial Metabolism, Gene Regulation, and Pathogenesis

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Deadline for manuscript
submissions:

closed (24 June 2022)

Message from the Guest Editor

Bacterial factors, such as flagella, pili, adhesins, siderophores, and toxins, are critical for pathogenesis and disease development. Research on virulence factors and stress response has not only increased our understanding of the mechanisms underlying bacterial pathogenesis but has also contributed to identifying novel targets for alternative antibacterial therapy. Therefore, in this Special Issue of *Life*, we invite researchers to submit their papers to share with us advances in the understanding of bacterial metabolism, gene regulation, and pathogenesis. This Special Issue will comprise the topics below:

Metabolomics analysis;

Transcriptome analysis of the pathogen;

Gene regulation of virulence factors;

Chemotaxis and motility;

Cell adhesion;

Signal transduction;

Stress response;

Toxin production and secretion;

Immune evasion mechanisms.



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Special Issue



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Message from the Editor-in-Chief

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