

Special Issue

Advances in Bacterial Metabolism, Gene Regulation, and Pathogenesis

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.

Guest Editor

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

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