# Special Issue

## Novel Development of Quorum Sensing in Bacteria

### Message from the Guest Editor

Quorum sensing (QS) is a mechanism that enables bacteria to sense the density of a local cell population and to respond by altering the expression of specific genes. As cell density increases, signal molecules accumulate and are sensed by regulators that modulate QS-controlled gene expression. QS can regulate many different behaviors, including antibiotic production, bioluminescence, sporulation, symbiosis, biofilm development, and virulence. Over the past decade, the field has experienced rapid progress with the development of molecular biology and synthetic biology. This Special Issue aims to provide a comprehensive collection of the latest advances in quorum sensing in bacteria. We would like to cordially invite you to submit an article to this Special Issue. We welcome short communications, full research articles, and timely reviews.

### Guest Editor

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### Deadline for manuscript submissions

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