Special Issue

Genome Sequence of Novel Bacteria Showing Potential Biotechnological Applications

Message from the Guest Editors

Currently, next-generation sequencing (NGS) technologies constitute a cost-effective and time-saving tool for sequencing bacteria that harbor genes with potential biotechnological applications. These applications can be easily detected and predicted using a few bioinformatic tools on a regular desktop computer. From novel enzymes to exceptionally biologically active compounds and more, the bacterial genome serves as the starting point for discovering new species and valuable biotechnological tools. These tools not only simplify everyday tasks but also contribute to improvements in food, agriculture, and the environment, benefiting various end-users, the economy, and society as a whole. In this Special Issue, we aim to present research on genome sequences of novel bacterial strains with promising and potential biotechnological applications. Our goal is to highlight registrable, and entirely new sequencing data to the field of biotechnology, thereby advancing related research areas.

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Guest Editors

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Deadline for manuscript submissions

closed (5 July 2024)

Data

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CiteScore 5.0

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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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