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Genome Sequence of Novel Bacteria Showing Potential Biotechnological Applications

Guest Editors:

Dr. Leopoldo Palma

Instituto de Biotecnología y
Biomedicina (BIOTECMED),
Department of Genetics,
Universitat de València, 46100
Burjassot, Spain

Dr. Diego Herman Sauka

Instituto Nacional de Tecnología
Agropecuaria (INTA), Instituto de
Microbiología y Zoología Agrícola
(IMYZA), Hurlingham, Buenos
Aires B1686, Argentina

Prof. Dr. Baltasar Escriche

Department of Genetics,
University of Valencia, 46100
Burjassot, Spain

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Leopoldo Palma

Dr. Diego Herman Sauka

Prof. Dr. Baltasar Escriche

Guest Editors



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Special Issue



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Editor-in-Chief

**Prof. Dr. Jamal Jokar
Arsanjani**

Geoinformatics and Earth
Observation Research Group,
Department of Planning, Aalborg
University Copenhagen, A.C.
Meyers Vænge 15, DK-2450
Copenhagen, Denmark

Message from the Editor-in-Chief

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Data Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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