Special Issue

Bacterial DNA Organization and Segregation

Message from the Guest Editor

Dear colleagues, Bacterial genomes are highly dynamic and diverse. They are composed of a primary chromosome and a variable number of other replicons, including secondary chromosomes and plasmids. All these replicons are folded to compact DNA. At the same time, they manage all the processes involved in DNA metabolism. How these different DNA molecules are organized in a unique cellular compartment to faithfully segregate these varieties of replicons is still under intense investigation. Numerous controlled mechanisms are at play and are interconnected to achieve their transmission and maintenance over generations. This Special Issue of *Genes* on "Bacterial DNA Organization and Segregation" will address the mechanisms by which bacteria organize their genomes and manage the segregation and maintenance of all the replicons, providing an overview of recent developments in specialized research topics and of critical perspectives on upcoming challenges. We welcome original research articles and reviews. We look forward to receiving your contributions.

Guest Editor

Dr. Jean-Yves Bouet

Center for Integrative Biology, Centre National de la Recherche Scientifique (CNRS), Université Toulouse, Toulouse, France

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Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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