Special Issue

Streptomyces and Biosynthesis

Message from the Guest Editors

Actinobacteria, and particularly the *Streptomyces* genus, remain one of the major sources of natural products. The advances in genome sequencing and analysis accompanied with tools and approaches for cloning and activating biosynthetic gene clusters changed the paradigm of the discovery of bacterial natural products. The classic way “from compound to gene” is now reversed. This facilitated the identification of metabolites with new structures and biosynthetic pathways, often involving new biochemistry, by cloning and manipulating gene clusters. This Special Issue of *Microorganisms* aims to present a collection of articles describing the structural diversity of natural products of actinobacterial origin with a specific focus on respective biosynthetic pathways, covering the assembly of new compounds and their modification reactions. We also welcome reviews dedicated to the topic of this Special Issue, as well as research articles covering the activation of cryptic biosynthetic gene clusters and the regulation of specialized metabolism in actinobacteria.

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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