

Special Issue

Biosynthesis of Natural Products in Lichen Fungi

Message from the Guest Editor

Research on the natural products produced by lichen fungi has undergone a resurgence in the past decade. This new interest in lichen fungi is a result of advances in both genome sequencing, analytical instrumentation and online tools that have enabled the linking of ‘genes-to-molecules’ in lichen fungi. More recently, heterologous expression of genes, from biosynthetic gene clusters, either individually or in groups in fungal or bacterial hosts, has expanded our knowledge of the biosynthesis of secondary metabolites in lichen fungi.

This Special Issue will showcase contributions from each of these areas of research, describing, in turn, the forefront of knowledge of natural product biosynthesis in lichen fungi. The full biosynthetic potential of the novel chemical structures produced by lichen fungi has yet to be fully realized. However, advances in sequencing, annotation, and chemical characterization will enable the discovery of new bioactive natural products produced by lichen fungi. This Special Issue will serve as a helpful reference for the community of researchers with an interest in lichen natural products and serve as a roadmap for future discoveries.

Guest Editor

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Message from the Editor-in-Chief

The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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