

Special Issue

Inflorescence Architecture and Development in Plants

Message from the Guest Editor

Flowering plants show a significant variation in the structure of their inflorescences from very simple to very complex forms. The form and structure of the inflorescence is one of the most important trait in the characterization of species, their taxonomy and the evolution of the different groups of plants. In turn, it has a direct impact on the regulation of fruit and seed number, affecting crop yields. Consequently, the inflorescence is one of the major organs in determining grain yield. This Special Issue aims to publish scientific articles related to the development, structure, function, diversity and evolution of inflorescences. It would be essential on this subject to receive contributions from morphological/architectural, anatomical, ontogenic, physiological, taxonomic, phylogenetic, and genetic/molecular regulation studies. The discussion on this topic will make it possible to outline new lines of research that contribute to future prospectives.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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