

Special Issue

Plant Molecular Farming

Message from the Guest Editor

It has now been 30 years since the pioneering work of Hiatt and colleagues made the cover of *Nature* with the report, in 1989, of the first successful expression of recombinant antibodies in plants. Since then, plant molecular farming has made great progress through years of steady activity. In 2012, when the first plant-made biopharmaceutical was approved for market release, the production of recombinant proteins in plant-based systems became a reality. Over the course of these three decades, a number of platforms have become available, ranging from whole plants to undifferentiated cultured cells. During this time, many different plant species have been used, as have individual plant organs and unicellular photosynthetic organisms. This Special Issue of *Plants* will highlight the versatility of plant-based platforms for the production of recombinant proteins or other high value compounds, with a special focus on the most recent advances in the field as well as on the challenges that remain for the future.

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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