



New Advances in Plant and Algae Molecular Farming

Guest Editor:

Dr. Nunzia Scotti

CNR-IBBR, National Research
Council of Italy, Institute of
Biosciences and BioResources,
Via Università, 133 80055 Portici,
NA, Italy

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

Although in the past few years several hosts and/or expression technologies have been successfully developed, molecular farming does not have a track record of success at the commercial level, especially for pharmaceutical products, mainly due to the lack of standardized methods and good manufacturing practices. Recently, the emergence of the COVID-19 pandemic has posed several global challenges, refocusing the attention toward the development of new concepts of plant/algae molecular farming.

The goal of this Special Issue is to provide new advances in the field of biotechnology to produce different molecules with diverse industrial applications.

In particular, this issue is open to research articles and reviews focused on different biotechnologies (transient expression platforms, stable genetic transformation methods, cell factories, etc.) or phototrophic organisms that are able to produce recombinant proteins and/or bioactive compounds.

Nunzia Scotti

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI