



an Open Access Journal by MDPI

# Photosynthesis

Guest Editor:

### Prof. Dr. Matteo Ballottari

Department of Biotechnology, University of Verona, Strada le Grazie 15, 37134 Verona, Italy

Deadline for manuscript submissions: closed (31 October 2018)

# Message from the Guest Editor

Dear Colleagues,

This Special Issue deals with the recent advances in the biochemistry and molecular physiology of the different steps of photosynthesis and their regulation. In this very wide context, we invite investigators to submit original research articles that explore different topics on the overall photosynthetic process including, but are not limited to:

- Light harvesting and photoprotection in photosynthetic organisms
- Biochemical and/or spectroscopic characterization of photosynthetic complexes
- Regulation of light and dark phase of photosynthesis
- Carbon fixation and photorespiration
- Alternative electron transport in the chloroplast and their role in the photosynthetic process
- Biotechnological strategies to increase biomass productivity in higher plants or microalgae

Assoc. Prof. Dr. Matteo Ballottari *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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

# **Contact Us**

International Journal of Molecular Sciences Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS\_MDPI