



an Open Access Journal by MDPI

# Leaf Development

Guest Editor:

#### Dr. Naomi Ori

The Robert H. Smith Institute of Plant Sciences and Genetics in Agriculture, Faculty of Agriculture, Hebrew University of Jerusalem, P.O. Box 12, Rehovot 76100, Israel

Deadline for manuscript submissions: closed (31 January 2013)

### Message from the Guest Editor

Dear Colleagues,

Plant leaves are the main photosynthetic organs. While some aspects of leaf development are conserved among species, leaf development is extremely flexible and variable. Leaf development as well as the final shape and size of the leaf vary among species and within a given species. Leaf development is a dynamic process that responds to internal and external circumstances, including the developmental state of the plant, and the biotic and abiotic environment. This issue focuses on the mechanism underlying the variability in leaf size and shape within and among species, and the response of leaf development to internal and external cues. Reviews and research papers on these topics are invited.

Dr. Naomi Ori *Guest Editor* 









an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

### 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, 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 community.

### **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, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Plant Science)

### **Contact Us**

*Plants* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/plants plants@mdpi.com X@Plants\_MDPl