

Special Issue

Respiration and Photosynthetic Function in Plants

Message from the Guest Editor

This Special Issue focuses on recent advances in photosynthesis, respiration and photorespiration in plants including ecological, physiological, cellular and molecular perspectives. Special emphasis is given to (photo)respiratory and photosynthetic metabolism and how it links to plant carbon and water budget, natural isotope mass balance, nutrient assimilation, or long-distance transport via phloem export, redistribution and unloading. Technological advances are also considered including new-generation gas exchange measurements or the application of omics to disentangle physiological regulations of photosynthesis and respiration.

Guest Editor

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