

Special Issue

Emerging Topics in Tobacco Genomics

Message from the Guest Editor

As important model plants and economic crops, tobacco (*Nicotiana tabacum* and related *Nicotiana* species) species have drawn a significant amount of attention in the field of plant biology. In recent years, several versions of tobacco genome sequences have become available and significant progress has been made in tobacco functional genomics. This Special Issue aims to gather new information about the systems biology of tobacco, genes and molecular regulatory networks that regulate important traits, and new molecular tools developed based on tobacco, as well as cutting-edge research using tobacco as model systems. Specifically, this Special Issue calls for original research, reviews, and mini review submissions on tobacco functional genomics, including but not limited to: tobacco omics and gene families; cloning and functional analysis of genes; analysis of tobacco mutants; characterization of plant genes using tobacco as model systems; synthetic biology involving tobacco; new tools in molecular biology and biotechnology based on tobacco.

Guest Editor

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Deadline for manuscript submissions

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