Special Issue

Current Status and Management of Coffee Rust Disease

Message from the Guest Editor

Coffee leaf rust (CLR), caused by the biotrophic fungus Hemileia vastatrix (Hv), is one of the major coffee diseases. Breeding for CLR resistance has been the most appropriate and sustainable control strategy. The recent loss of resistance of some varieties, as well as the current epidemics in Central America, highlights the importance of improving the existing knowledge on the pathogen virulence and host resistance, as a basis to breed efficiently for durable resistance.
This research topic aims to update the advances on CLR research and provide new directions for sustainable disease control strategies. We welcome all scientific work (original research articles, reviews, short communications, opinion and perspectives papers) addressing the following topics: pathogen genetic diversity, plant-pathogen effectors, plant genetic resistance, mechanisms of plant resistance and tolerance; impact of climate changes on coffee leaf rust, durable resistance, sustainable disease control strategies.

Guest Editor

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