Special Issue

Maize Breeding for Alternative and Multiple Uses

Message from the Guest Editor

In maize, the main part exploited is the grain at physiological maturity that is mostly used for feed animals. However, some specialty uses of grain are also important worldwide—for example, flour maize is an important component of the diet across Central and South America and many regions of Africa. In addition, several products, such as sugars, amino acids, organic acids, oils, etc., which are extracted for the grain are used or have the potential to be used in the food industry and other industries, for example, to obtain beverages or bioenergy. Some authors have compared the plants to refineries in which multiple products can be simultaneously obtained to increase the value. For example, the grain can be used for feed and the leaves, stalks, and cobs as feedstock for bioenergy or for extracting chemicals. This issue is dedicated to breeding for alternative uses to grain and for multiple uses which have not received as much attention as the grain.

Guest Editor

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