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Advances in Cereal Crops Breeding II

Guest Editor:

Prof. Dr. Igor G. Loskutov

Department of Genetic
Resources of Oat, Barley, Rye, N.
I. Vavilov Institute of Plant
Genetic Resources (VIR), 190000
St. Petersburg, Russia

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Message from the Guest Editor

Cereals are the main food and feed crops on our planet: wheat, rice, and corn occupy three-quarters of the total acreage. The vast majority of plant breeders and plant geneticists in the world are engaged in cereals breeding. The breeding methods are chosen on the basis of the biology of the crop (self-pollinating or cross-pollinating), the level of development of genetic research for a particular crop, and the country where the breeding is carried out. The history of crop breeding is long, beginning at the dawn of human civilization with the agricultural revolution and the creation of primitive landraces, continuing with the discovery of the genetic laws of G. Mendel and the creation of the first primitive (obsolete) breeding varieties of plants at the beginning of the twentieth century, and then further progressing with the development of genetics yielding heterotic hybrids as well as physical and chemical crop mutants. .



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Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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