

Special Issue

Rice and Wheat Breeding: Conventional and Novel Approaches

Message from the Guest Editors

Rice and wheat are the two most important cereal crops, providing approximately 40% of calories consumed by humans. Thanks to the genetic and agronomic improvements during the Green Revolution in the 1960s and 1970s, wheat and rice yields almost doubled in many countries. Although yield improvements have stagnated since then, recent technological advances in molecular genetics, genomics, transformation, gene editing, phenomics, and speed breeding provide novel opportunities to enhance wheat and rice breeding efficiency and tackle the challenges of increasing population, changing climate, and diversifying market needs. This Special Issue will highlight research efforts in improving various breeding traits of wheat and rice through conventional and novel approaches. Original research articles and reviews are both welcome. We look forward to receiving your contributions.

Guest Editors

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Dr. Jae-Sung Lee

Deadline for manuscript submissions

closed (15 November 2023)



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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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