Potato Genetics and Breeding in the Genomics Era

Guest Editors:

Dr. Xianzhou Nie
Fredericton Research and Development Centre, Agriculture and Agri-Food Canada, Fredericton, NB 3B 4Z7, Canada

Dr. David De Koeyer
Agriculture and Agri-Food Canada, Fredericton, NB E3B 4Z7, Canada

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Message from the Guest Editors

Dear Colleagues,

Potato is—and has long been—one of the major food crops grown worldwide and, with the human population increasing, it will no doubt continue to help feed the masses. In present day, the majority of potato cultivars are tetraploid and propagated vegetatively, with the breeding strategy being primarily based on phenotypic selection. As such, eliminating deleterious alleles and improving crops has proven laborious and difficult. Furthermore, over the years, potato has been no stranger to disease agents of all kinds, and the continual appearance of potato pests will not likely soon cease. As we stand, in the genomics era, breakthroughs and technologies that have come about in the last quarter-century provide us brand-new approaches to studying potato genetics and breeding, and the time has never been better to work on this important crop species. In this Special Issue, we welcome original research, reviews and opinions concerning recent insights, approaches, and advances in potato genetics and the optimization of potato breeding.

Dr. Xianzhou Nie
Dr. David De Koeyer
Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. Peter Langridge
School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

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