

<<Advance in Barley Sc>>

图书基本信息

书名：<<Advance in Barley Sciences-Proceedings of 11th International Barley Genetics Symposium-大麦科学研究进展>>

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内容概要

The last half century has seen extraordinary progress in barley genetics research. In the first International Barley Genetics Symposium in 1963, scientists just started to discuss a map of barley chromosomes. Today, the International Barley Genome Sequencing Consortium is at the dawn of the completion of the barley genome sequence. The regular International Barley Genetics Symposium provide an important platform for barley breeders and scientists to share their research results and understand the future trends of barley genetics research. The proceedings are not only the permanent record; they also provide key references for interested outsiders at the symposium and future barley research scientists. The organizing committee received around 150 abstracts and put them into a special volume for all symposium participants to have access, which will be helpful for improving the discussions at the poster sessions. Moreover, we have selected 38 full length papers and published them as The Proceedings of 11th IBGS.

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作者简介

Advance in Barley Sciences : Proceedings of 11th International Barley Genetics Symposium presents up-to date developments in barley science. The book contains 38 papers submitted to the 11th International Barley Genetics Symposium, and covers all the presentation sessions of the conference, i.e, barley development and economics, utilization of germplasm, genetic resources and genetic stocks, end-uses, biotic stress tolerance, abiotic stresses, new and renewed breeding methodology, barley physiology, successful breeding examples, barley genomics and all other '-omics'. The information will be useful for barley breeders, brewers, biochemists, molecular geneticists and biotechnologists. This book may also serve as a reference text for students and scientists engaged in barley research.

Dr. Guoping Zhang is a barley breeder and crop physiologist in Department of Agronomy, Zhejiang University of, China.

Dr. Chengdao Li is a senior molecular geneticist and barley breeder in Department of Agriculture and Food, Western Australia. He is also an adjunct professor in Murdoch University of Australia and Zhejiang University.

Dr. Xu Liu, an Academician in China Academy of Engineering, is a scientist of plant resources in Chinese Academy of Agricultural Sciences.

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书籍目录

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Rust
Large Population with Low Marker Density Verse Small Population
with High Marker Density for QTL Mapping : A Case Study for Mapping
QTL Controlling Barley Net Blotch Resistance
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