



Masahiro Yano

Nationality Japan
Affiliation National Institute of Agrobiological Sciences
Position Director, QTL Genomics Research Center
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Educational qualifications:

B.Sc. 1979 Faculty of Agriculture, Kyushu University, Japan
M.Sc. 1981 Graduate Course, Kyushu University, Japan
Ph.D. 1985 Graduate Course, Kyushu University, Japan

Employment Record:

Director of QTL Genomics research Center in NIAS (2006-present)
Professor in Graduate Course of the Tsukuba University (2007.4-present)
Associate Professor in Graduate Course of the Tsukuba University (2003-2007.3)
Head of Applied Genomics Laboratory in National Institute of Agrobiological Sciences (NIAS) (2000-2005)
Senior Researcher in National Institute of Agrobiological Resources (1994-1999)
Researcher in Hokuriku National Agricultural Experimental Station (1987-1993)
Researcher in National Agricultural Center (1986)

Main achievements and present research interests:

Masahiro Yano has been involved in the Rice Genome Research Program in Japan from 1994 to 2000 and performed a construction of a high-density linkage map of rice using RFLP markers. Then he has been focused on genetic and molecular dissection of complex traits in rice. Research activities in Masahiro Yano's laboratory range from molecular marker production, linkage mapping, quantitative trait locus (QTL) analysis, map-based cloning, marker-assisted selection on several traits with economic values, including heading date (<http://www.nias.affrc.go.jp/qtl/english/index.html>). He has been particularly involved in the analysis of genetic control in flowering time. His group is involved in development of plant materials resources for genetic dissection of natural variations and genome wide discovery of single nucleotide polymorphism for the allele mining in diverse germplasm. His group also studies genomic-assisted breeding in rice.

Awards received:

Award in Japanese Society of Breeding (2007), Award for distinguish Scientist in the Ministry of Education, Culture, Sports, Science and Technology (2002), Yong Scientist Award in Japanese Society of Breeding (1995).

Contribution to 150 papers, 28 Reviews, 18 Book chapters, 17 Patent applications.