

## Special Issue

# Molecular Genetics of Rice Disease Resistance

### Message from the Guest Editors

In recent years, rice has been recognized as a genetic model for molecular biology research aimed toward understanding mechanisms of disease resistance. To date, significant progress has been achieved in molecular genetics of rice disease resistance. Over 150 QTLs associated with rice disease resistance have been identified, and more than 50 resistance genes have been cloned. *IJMS* is a journal of molecular science with increasing influence on the molecular genetics of rice disease resistance. This Special Issue of *IJMS* aims to highlight the new findings or the utilization of molecular research on the following areas:

Screen and improvement of rice disease-resistant germplasm;  
Breeding of disease-resistant rice cultivar;  
Methods of inoculation and rating investigation;  
Mapping and cloning of resistance genes;  
Molecular genetic analysis of resistance (GWAS, etc.);  
Molecular biology research on resistance;  
Mechanisms of rice–pathogen interaction.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 October 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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