



Advances in Research for Legume Genomics, Genetics, and Breeding

Guest Editors:

Dr. Naoufal Lakhssassi

Department of Plant, Soil, and
Agricultural Systems, Southern
Illinois University, Carbondale, IL
62901, USA

Dr. Adnane Boualem

Institute of Plant Sciences Paris-
Saclay (IPSS2), INRAE, CNRS,
Université Evry, Université de
Paris, Université Paris-Saclay,
91405 Orsay, France

Dr. Gunvant B. Patil

Department of Plant and Soil
Sciences, Institute of Genomics
for Crop Abiotic Stress Tolerance,
Texas Tech University, Lubbock,
TX 79409, USA

Message from the Guest Editors

The current issue of the International Journal of Molecular Sciences will focus on recent “Advances in Research for Legume Genomics, Genetics, and Breeding”. We encourage all kinds of efforts/work by the scientific community to accelerate legume improvement using genetic, genomic, and molecular breeding approaches. Works that bring new insights into biotic and abiotic stresses that affect legume production are also encouraged. Projects may include but are not limited to the improvement of nutraceutical and pharmaceutical compounds derived from legumes with extra human health benefits, seed composition (fatty acid, vitamins, oil, fiber, protein, carbohydrate, etc.), and diseases that affect cropping systems.

Deadline for manuscript
submissions:
closed (15 October 2023)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI