

Special Issue

Recent Advances in the Molecular Biology of Transplantation

Message from the Guest Editor

Organ transplantation has been a promising therapeutic option that offers a great chance of rescuing patients with end-stage organ diseases. However, numerous issues such as patient selection criteria, donor availability, graft rejection and disease recurrence remain hotly debated for organ transplantation. Non-stop efforts in terms of basic science and clinical practice are still ongoing in order to optimize organ transplantation. Additionally, molecular biology remains the most important element in the foundation of organ transplantation. Therefore, we invite authors to contribute original research or review articles that will stimulate organ transplantation. In this Special Issue, we particularly take an interest in manuscripts that investigate and discuss the current status and limitations of organ transplantation in terms of molecular biology. Moreover, any innovations that could potentially facilitate the progress of this field in terms of pathogenesis, treatments and prolongation of patient survival are encouraged. We welcome basic or translational studies, including discussions of molecular mechanism and/or novel therapeutic strategy from real practice.

Guest Editor

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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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