

## Special Issue

# Research and Application of Platelet-Rich Plasma (PRP)

### Message from the Guest Editor

Since it was first reported in the 1990s, platelet concentrations, such as platelet-rich plasma (PRP) and platelet-rich fibrin (PRF), have been applied in tissue regenerative therapy in various fields. The theoretical basis for use is that concentrated growth factors can be provided by platelet concentrates without serious adverse effects. The advantages of this therapy are its high cost-effectiveness ratio, non-limited commercial availability, and lack of risk of pathogen transfection. In this Special Issue, we aim to highlight the role of platelets. If non-responders can be detected by monitoring platelet physiological functions and biochemical reactions at molecular levels, this would help realize more predictable PRP therapy. However, the topics of interest are not limited to the aforementioned topics. All in all, in this Special Issue, we explore cutting-edge research on platelet-rich plasma (PRP) and its applications in various biomedical fields. Original, impactful, cutting-edge research and insightful review articles regarding the basic aspects of PRP therapy are highly desirable.

### Guest Editor

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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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