



## Recent Progress in Regenerative Therapy Using Blood-Derived Biomaterials

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### Message from the Guest Editors

In this Special Issue, we would like to provide a platform to exchange your unique basic findings and concepts of platelet-rich plasma (PRP) therapy and together overcome the current difficulties faced in PRP therapy. PRP and its derivatives of blood-derived biomaterials seem to have lost their established position as the most attractive materials for regenerative medicine. However, this analysis is based only on the number of scientific publications. Considering that PRP has been constantly or increasingly used in the fields of orthopedic surgery, plastic surgery, and esthetic surgery, PRP therapy is still accepted as the first-line treatment among many clinicians and patients. The popularity of therapeutic modalities is severely influenced by many factors such as potency, cost, availability, and individual differences. However, even though a certain therapy has lost its popularity, it does not necessarily imply that it also loses its potential power. PRP therapy is currently at a deadlock. To break these current conditions, we need to swiftly update our knowledge based on scientific evidence from the molecular and cellular levels.





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