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Special Issue on

Platelet Rich Plasma and Orthopedics: Why, When, and How

CALL FOR PAPERS

In orthopedics surgery and sports medicine, tissue repair process is a key biological mechanism on which all the surgeons draw. Nevertheless, there are many conditions in this repair process that either do not occur or are somehow hampered. The platelet-rich plasma (PRP) assisted treatment is increasingly applied in order to boost or improve the damage environmental tissue. The scientific rationale behind PRP product is the delivery of growth factors cytokines and adhesive proteins which are present in platelet and plasma, as well as other biological active proteins conveyed by the plasma such as fibrinogen, prothrombin, and fibronectin among others.

We invite investigators to contribute original research articles as well as review articles to this special issue. Potential topics include, but are not limited to:

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- Molecular mechanisms and biological effects
- Basic science in tissue repair and regeneration
- Definition and formulation of PRPs
- PRPs in tendinopathies
- How to use PRPs in muscle injury
- Applications of PRPs in joint tissues: meniscus, ligaments, and cartilage
- Bone and PRPs: fracture and nonunions
- Last but not least, nerve regeneration

Authors can submit their manuscripts via the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/bmri/orthopedics/plasma/.

Lead Guest Editor
Mikel Sánchez, Arthroscopic Surgery Unit, Hospital Quiron Vitoria, Vitoria-Gasteiz, Spain
mikel.sanchez@quiron.es

Guest Editors
Giuseppe Filardo, II Clinic - Biomechanics Laboratory, Rizzoli Orthopaedic Institute, Via di Barbiano 1-10, Bologna, Italy
g.filardo@biomec.ior.it

Tomokazu Yoshioka, Department of Orthopaedics Surgery and Rehabilitation, University of Tsukuba Hospital, Tsukuba, Ibaraki, Japan
tymd99@gmail.com

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