

Campinas, SP. 29/07/2019

Prof. Dr. Dr. Sergio Gonçalves
UNESP, S. Jose dos Campos, SP, Brasil
Editor-in Chief
Brazilian Dental Science
Email: sergio@fosjc.unesp.br

Dear Prof. Gonçalves:

We are sending you our manuscript **“NANOSTRUCTURED PLATELET-RICH-PLASMA: STATE OF ART IN DENTAL TREATMENTS”** for appreciation and, possible publication in Brazilian Dental Science. The manuscript or portions thereof are not under consideration by another journal or electronic publication and have not been previously published. Also, the paper has been revised by a professional linguistic reviewer. All co-authors have seen and agree with the contents of the manuscript and there is no financial interest to report.

In this manuscript, we report several topics related to platelet-rich-plasma (PRP) such as PRP definition, preparation and the application in the odontology area. From this review was clear that PRP gives many benefits in various fields alone or in association with other biomaterials, and in special in odontology. However, we think that better designed and adequate controlled experiments are necessary to give solid notoriety for success of PRP in tissue healing or other applications. Our intention is also to inform odontologists of the actual rules and protocols involved in this area and some specific examples of their applications.

Our manuscript has 5.600 words and 71 references.

We have previous demonstrated knowledge in this field as testified by publications related to this area:

- 1) G.C. Padovani, V.P. Feitosa, S. Sauro, F.R.F. Tay, G. Durán, S.A.J. Paula, N. Durán, Advances in dental materials through nanotechnology: facts, perspectives and toxicological aspects, Trends Biotechnol. 33 (2015) 621–36.
- 2) V. Noronha, A.J. Paula, G. Durán, A. Galembeck, M.K. Cogo-Muller, M. Franz-Montan, N. Durán, Silver nanoparticles in dentistry, Dental Mat. 33 (2017) 110-126.
- 3) T.P. Sato, C.I. Conjo, R.D. Rossoni, J.C. Junqueira, F.R.M. de Melo, N. Durán, A.L.S. Borges. Antimicrobial and mechanical acrylic resin properties with silver particles obtained from *Fusarium oxysporum*. Braz. Dental Sci. 21 (2018) 96-102.

Then, we would like to be most grateful to you for a consideration and favorable action on this manuscript.

Sincerely,

Prof. Dr. Nelson Durán (Nanobiotechnologist and Nanomedicine)
Dra. Gabriela Durán (Dental Surgeon)
Prof. Dr. Angela C.M. Luzo (Hemotherapy, PRP Center)
Prof. Dr. Wagner J. Fávaro (Nanomedicine, Oncology)