I am pleased to introduce the Bioceramics Development and Applications is an international peer-reviewed scientific periodical dedicated to research around redox interactions in all fields of medicine. The Journal is published quarterly and aims to publish high-quality full-length research papers or brief communications, comprehensive or ‘mini’-review articles as well as original hypotheses reflecting new sights and ideas in following areas.

Bioceramics and bioglasses are ceramic materials that are biocompatible. Bioceramics are an important subset of biomaterials. Bioceramics range in biocompatibility from the ceramic oxides, which are inert in the body, to the other extreme of resorbable materials, which are eventually replaced by the body after they have assisted repair. Bioceramics are used in many types of medical procedures. Bio ceramics are typically used as rigid materials in surgical implants, though some bioceramics are flexible. The ceramic materials used are not the same as porcelain type ceramic materials. Rather, bioceramics are closely related to either the body's own materials or are extremely durable metal oxides.

One of the main aims of the Journal is to supply original information from bench to bedside.

Journal publishes all types of Research like, original articles, review articles, short review, case reports, case studies, case series, short communications, etc. in all areas of related to Alternative materials calcified tissues, especially calcium phosphate synthesis,new biomaterials and new surgical technologies, gene therapy etc.

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As such, the journal aspires to be vibrant, engaging and accessible, and at the same time integrative and challenging. Average publication lag time of an article was further reduced to 2-3 weeks. Average download per article is increasing and on an average there are 50 downloads per paper. All these are promising signs. We could reach this stage through the constant support of Board Members and intellectual generosity of the readers and contributors (authors and reviewers).

The Journal of the Bioceramics Development and Applications publishes the results of original research and reviews relating to ceramic materials. Papers of either an experimental or theoretical character will be welcomed on a fully international basis. The emphasis is on novel generic science concerning the relationships between processing, microstructure and properties of polycrystalline ceramics consolidated at high temperature. Papers may relate to any of the conventional categories of ceramic: structural, functional, traditional or composite. The central objective is to sustain a high standard of research quality by means of appropriate reviewing procedures.

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