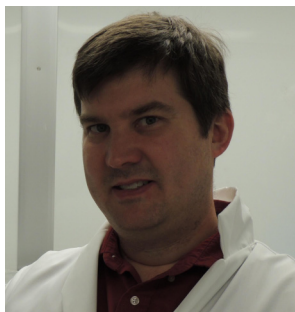

Title: Modern Biomaterials



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Proposal

Biomaterials are generally defined as a synthetic or natural material suitable for implanting in a living body to repair damaged or diseased parts. A hallmark of biomaterials is that they must interact with living systems. Most occasions dictate that biomaterials do not induce adverse immune responses in the patient. Since the advent of implantation surgery, many different materials have been used in the human body, including plastics, metals, polysaccharides, and natural fibers. These materials must have suitable chemical properties to interact with living systems, while also maintaining mechanical properties to perform tasks like wound closure, bone attachment, prosthetic attachment, and potentially many more required functions. There are dozens of biomaterials on the market today, each with their own strengths and weaknesses for different medical applications. The goal in choosing a medical material remains: a safe and durable material of the lowest possible cost for the application. Groundbreaking research will surely continue for many more decades to improve choices of biomaterials.

With the aim of an overview on the state of the art of biomaterials research, manufacture, and applications, it is my pleasure to invite you as an expert on this subject, to submit original research or a review article to my special issue on Biomaterials to be published in International Journal of Biotechnology for Wellness Industries.

Potential topics include, but are not limited to:

1. Purification, recovery and augmentation of natural materials;
2. Novel synthetic materials;
3. Biomaterial applications;
4. Biocompatibility of materials;
5. Material properties research;
6. Blended and composite materials and effect on properties;
7. Novel production methods of biomaterials.

I would appreciate if you send a title and abstract by as soon as possible. Further, you are requested to forward this invitation among your colleagues who are specialized in this field.

Before submission of full manuscript the authors should carefully read the journal's Author Guidelines, which are located at <http://www.lifescienceglobal.com/publish-with-us/guidelines-for-authors>.
