



Biocompatible Polymers

Guest Editor:

Prof. Dr. Marek M. Kowalczuk

M.Kowalczuk@wlv.ac.uk

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Message from the Guest Editor

Biocompatibility refers to the ability of a biomaterial to perform its desired function with respect to a medical therapy, without eliciting any undesirable local or systemic effects in the recipient or beneficiary of that therapy, but generating the most appropriate beneficial cellular or tissue response in that specific situation, and optimising the clinically relevant performance of that therapy. Biocompatible polymeric materials are presently used as, e.g., long-term implantable medical devices, degradable implantable systems, transient invasive intravascular devices, and, recently, as tissue engineering scaffolds.

The biosafety of biocompatible polymers needs prediction, evaluation and indication on potential complications arising from their use and the formation of their degradation products. Thus, the methodology of forensic engineering of advanced polymeric materials is currently being developed in the area of biocompatible polymers.

This Special Issue welcomes reviews, full papers and short communications highlighting the aspects of the current trends in the area of biocompatible polymers.





Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologien
Universität Potsdam, Germany

Message from the Editor-in-Chief

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