

Special Issue

Polymer Issues in Orthopaedic Implants

Message from the Guest Editor

There are many issues related to absorbable and non-absorbable polymer implants in orthopaedic applications. Typical issues on wear particles caused by bone osteolysis have been paid special attention in the past few decades, especially on the UHMWPE used in orthopaedic joint reconstruction implants. Another typical application is in resorbable implants for fixation. The low strength level required to induce implant instability and an uncontrolled degradation rate leading to implant failure and adverse infection has been a dilemma for orthopaedic applications for many years. This Special Issue would like to invite researchers to address these two big issues and try to contribute to the orthopaedic industry to solve the implant development issues on these very interesting and important topics.

Guest Editor

Prof. Dr. Cheng-Kung Cheng

Department of Biomedical Engineering, National Yang-Ming University, Taipei 11221, Taiwan

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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