

Special Issue

Innovative Surface Modification Techniques for Biodegradable Implants

Message from the Guest Editor

We would like to invite you to submit your interesting work to this Special Issue on "Innovative Surface Modifications for Biodegradable Implants". The aim of this Special Issue is to present the latest experimental and theoretical developments in the field, through a combination of original research papers and review articles from leading research groups around the world. In particular, the topics of interest include, but are not limited to:

- Innovative coating materials;
- Novel coating techniques;
- Novel mechanical treatments;
- Experimental, theoretical, and simulation analysis of the surface modification techniques;
- Modelling and experimental characterization of degradation mechanisms;
- Development of new biodegradable materials and assessment of their properties;
- Hybrid surfacing strategies combining coating and mechanical treatment;
- Application trials of biodegradable implants in vitro or in vivo.

Guest Editor

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Deadline for manuscript submissions

closed (30 March 2021)



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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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