

Special Issue

Biomaterials and Tribology

Message from the Guest Editors

The development of adequate biomaterials, fulfilling biocompatible, inert, and non-cytotoxic requirements, is of prime importance. In parallel to this, reproducible and repeatable test protocols, in harmonization with international acceptance criteria, are another critical issue when dealing with biomaterials and tribology, given that the friction and wear are test-procedural-dependent characteristics. This is of special importance for those tribological biomaterials incorporating nanostructured materials. Questions of how to develop, how to test, and how to rely on the material, as well as how to rely on the test results, are still to be answered on the topic of biomaterials and tribology, the two main constituent parts of biotribology research. Updates on the use of advanced biomaterials employing nanoscaled materials and their in vitro and/or in vivo tribological response are also interesting insights in this Special Issue.

Guest Editors

Dr. Marcia Marie Maru

Prof. Dr. Amilcar Ramalho

Dr. Rafael Mello Trommer

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

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About the Journal

Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants*.

Editor-in-Chief

Prof. Dr. Homer Rahnejat
School of Engineering, University of Lancashire, Preston PR1 2HE, UK

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