Special Issue

Biorheology at Micro- and Macro-Scales

Message from the Guest Editor

Biorheology is the study of deformation and flow of biological systems. It is an interesting interdisciplinary field as it brings together life science, medical engineering, food science, chemistry, physics, and other fields. Studies related to the rheology of biofluids have increased in recent decades, especially in the case of human biofluids such as blood, plasma, vitreous humor or saliva, because several diseases can promote changes in their rheological properties. Nevertheless, other soft solids biomaterials, from food to bioceramics, have also been rheologically characterized, as they have implications in biomedical applications and industry processes. The current issue aims to host contributions related to new experimental methods, new theoretical approaches, constitutive modeling, flow simulations or rheological studies of the behavior of biological materials at the micro- and macro-scales. It is my pleasure to invite you to contribute your research article, communication or review for this Special Issue.

Guest Editor

Dr. Laura Campo-Deaño

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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