# **Special Issue**

### Optical Methods for Characterization of Biological Materials

#### Message from the Guest Editor

Modern medical diagnostic applications greatly rely on our understanding of the interactions between light and biological materials. Examples include thermography, spectroscopy, microscopy, optical tomography, ophthalmoscopy, and many others. One of the main benefits of optical techniques, together with superior specificity and sensitivity, is that they mostly preserve the integrity of the biological materials being examined. Furthermore, many optical technologies can be used as a tool for interventional procedures. The advances in optical characterization of biomaterials are allowing scientists to unravel the mysteries of human body and its pathologies related to neurophysiology, vascular flow alternations, cancer, etc. This Special Issue is intended to bring together different optical imaging specialists to share their experiences and advancements in methodological research on biological materials. This Special Issue welcomes the submission of original manuscripts (unpublished research works), as well as reviews (comprehensive or focused) containing essential background information, preferably with the help of original figures.

#### **Guest Editor**

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#### Deadline for manuscript submissions

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## About the Journal

#### Message from the Editor-in-Chief

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.

#### Editor-in-Chief

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