

Special Issue

Multimodal Optical Diagnostics of Glycated Biological Tissues

Message from the Guest Editor

The prevalence of diabetes complications is a significant public health problem with a considerable economic cost. Over the past few years, the prevalence of diabetes has reached alarmingly high levels. Thus, the timely diagnosis of complications and the prevention of their development will contribute to increasing the length and quality of patients lives, as well as reducing the economic costs of their treatments. Light-based technologies present unique opportunities for the diagnosis of various pathological disorders of biological tissues. Various spectroscopy and imaging technologies can provide information on their optical properties, which are directly related to its blood supply, degree of oxygenation, and the morphological changes. This Special Issue will highlight the advantages and unique aspects of the use of optical diagnostic methods in identifying and evaluating complications of diabetes. Articles may focus on the application of technology, disease, or other aspects of the use of spectroscopy and imaging in clinical practice. Articles should reflect novel innovative research and emerging ideas.

Guest Editor

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