

Special Issue

Basics and Clinics of Retinal Laser Therapy

Message from the Guest Editors

Laser therapy has become an indispensable part of medical treatment along with drug therapy in the treatment of retinal disorders. Besides the commonly applied laser coagulation for the treatment of ischemic and proliferative retinal diseases, various minimally invasive laser techniques have been developed, allowing laser treatment within the macular region, where central vision is located. These novel laser therapies, also called sub-threshold, stimulate or selectively disrupt retinal pigment epithelium cells (RPE), leaving neuroretina undamaged. Dosimetry and controlling systems even increase the safety of these systems. The development of such technologies is underway and may broaden the range of treatment options and enable more individualized treatment. The purpose of this Special Issue is to deepen our knowledge about retinal laser therapies and to promote their further development in both research and clinical practice. We would like to feature your precious reports on basic and clinical research on various retinal laser treatments, from interdisciplinary fields, as well as any kind of clinical results.

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