



Retinal Microvasculature in Health and Disease

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Message from the Guest Editors

Dear Colleagues,

The retina is a unique tissue that allows conveniently visualizing the smallest blood vessels. Fundus imaging and optical coherence tomography can capture structural blood vessel changes, while techniques such as dynamic vessel analysis characterize the functional status of the retinal microvasculature. Retinal metrics derived from these imaging techniques have been used in clinical and epidemiological studies and public health investigations. These metrics have the potential to identify the early effects of health risk factors (such as physical (in)activity, air pollution, dietary factors, etc.), map physiological changes (such as endothelial dysfunction, vascular reactivity, etc.), and differentiate between disease severities (diabetes, cardiovascular complications, etc.). This special issue welcomes submissions on state-of-the-art investigations that use retinal image analysis, including artificial intelligence, to measure the status of the microvasculature in health and disease.

Please click [here](#) for more information.





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