

Special Issue

Light-Induced Retinal Injury

Message from the Guest Editor

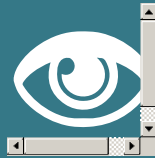
Retinal injury can occur due to exposure to high-intensity light, such as accidental or self-harming exposure to direct sunlight or artificial light sources, or direct gazing at the Sun when watching a solar eclipse without proper filters to provide sufficient eye protection. Over recent years, new insights have been gained into the role of retinaldehyde, oxidized lipids, the complement system, and microglia/macrophages in light-induced retinal injury, and novel protective strategies to ameliorate retinal photodamage have been developed. We welcome contributions reviewing the progress in understanding the mechanisms involved in retinal photodamage as well as the findings of original research. The total solar eclipse visible from Mexico, the USA, and Canada on 8th April 2024 was followed by some reports of functional and structural changes, visible in the retina using traditional ophthalmoscopy, optical coherence tomography, and/or adaptive optics scanning laser ophthalmoscopy. Now, as the anniversary of the solar eclipse approaches, we encourage contributions of case studies of solar retinopathy with long-term follow-ups.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Vision research has developed tremendously over the last years and has been well served by some of the available journals. We feel that a new journal, with no historical or societal affiliations, offers a chance for a broad interdisciplinary coverage and a means of highlighting the increasing number of interesting results and ideas. We are therefore convinced that the launch of a truly interdisciplinary journal in the area of vision science is worthwhile, timely and necessary. *Vision* is a journal for, and by, all vision scientists, committed to the advancement of their field of interest.

Editor-in-Chief

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