Visual Prosthesis

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Message from the Guest Editors

The field of visual prostheses has developed tremendously over the past decade and today artificial vision is an exciting field in both ophthalmology and basic science. Thanks to all of these multidisciplinary efforts, different technologies able to help the blind have been published in many specialized scientific journals and over 300 hundred patients have experienced significant improvements in their visual function. However, at present these devices are only able to provide vision with relatively low spatial resolution and there are still many open technical challenges that need to be solved.

This Special Issue is inspired by the fact that to be able to restore useful vision and reach the high potential envisioned by these technologies, the main aim is to bring together researchers from the fields of retina and vision science, ophthalmology, neuroscience, engineering, material sciences, informatics, neurology, neurosurgery, professionals working with visual impaired people and others who are interested in the restoration of vision in the blind using visual pathway prostheses.

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Special Issue

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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.

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