

Special Issue on
Effects of Ageing on the Eye Structure and Function 2019

CALL FOR PAPERS

The world will soon have more aged people than children and more people at extreme old age than ever before, and improving quality of life as well as reducing severe disability due to age-related problems has become key for the health systems worldwide. The ageing of the world population has both structural and functional consequences for the human visual system; ageing changes occur in all the structures of the eye causing a variety of effects.

Over the last few years great advances in ophthalmic instrumentation allow the determination of ocular parameters to a level of detail without precedent. Such advances allow researchers to develop specific devices for visual correction and rehabilitation and at the same time guide the clinicians in their decision-making and selection of treatment options to convey with the increasing demand of high quality outcomes of the ageing population.

This special issue aims to create a multidisciplinary forum of discussion on recent advances in the knowledge on the effects of ageing in the human eye structure and function and improvements on the early detection, treatment, and prognosis of age-related ocular conditions.

The accepted papers will show a diversity of new developments in these areas. This issue accepts high quality articles containing original research results and review articles of exceptional merit, and it will let the readers of this journal know more about this important topic.

Potential topics include but are not limited to the following:

- ▶ Age-related alterations in the ocular surface, adnexa, and internal optical media
- ▶ Advances in knowledge of accommodation mechanism and presbyopia onset and progression
- ▶ Advances in the correction of presbyopia
- ▶ Instruments to assess the objective and subjective deterioration of the vision-related quality of life
- ▶ Changes in refractive error and optical ocular components with ageing
- ▶ Advances in treatment and prevention of age-related ocular pathology

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/joph/aeye19/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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