



## Genome Stability in Visual Sciences

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 April 2023)**

### Message from the Guest Editor

Genetic information is stored in the base-pairing of double stranded DNA. However, the genome of all living organisms is under constant threat from extrinsic mutagens, such as  $\gamma$ -irradiation, or intrinsic problems of DNA metabolism, such as DNA replication fork collapse. The roles of genome stability have been mainly studied in cancer biology in the past. Recently, genome stability has been identified associating with many eye diseases.

This issue will focus on genome stability in ophthalmology and visual sciences. We seek high quality manuscripts describing the role of genomic alterations in mediating the initiation, progression and treatment responses in various eye diseases. We specifically encourage the submission of manuscripts presenting innovative approaches exploiting the genome stability concept in an attempt to identify novel strategies to improve the visual outcome.

Keywords:

- ophthalmology
- visual sciences
- genome stability
- DNA metabolism
- eye diseases
- genomic alterations





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## Message from the Editor-in-Chief

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