



## Mitochondrial Dysfunction in Corneal Diseases

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 July 2024)**

### Message from the Guest Editor

Dear Colleagues,

Mitochondrial dysfunction has been implicated in corneal endothelial dystrophies, keratoconus, and dry eye. The cornea is exposed to UV light and high oxygen tension, making it more susceptible to oxidative stress and mitochondrial dysfunction. This Special Issue, titled Mitochondrial Dysfunction in Corneal Diseases, aims to reveal the latest advances in understanding the role of mitochondrial dysfunction in corneal disease. What are the mechanisms that trigger mitochondrial dysfunction in these diseases? How does mitochondrial dysfunction inform the pathological phenotype? What are the possible therapies that can be used to target the mitochondria? Original papers and focused reviews are sought contributions.

Dr. Diego Ogando

*Guest Editor*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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