

Tentative Outline

Special Issue for Current Medicinal Chemistry

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Title of Thematic Issue: Retinal degeneration: molecular mechanisms and therapeutic strategies

Aims & Scope:

Retinal degeneration is a complex process with involvement of multiple factors. A significant understanding of disease mechanisms and new therapies have been developed in last decade. In this special issue, we welcome review articles related molecular basis of retinal degeneration, gene and stem cell associated therapies, and drug discovery.

Keywords: the macula, retinal degeneration, Muller cells, Photoreceptors, Retinal pigment epithelium, drug discovery.

Subtopics:

The sub-topics to be covered within the issue should be provided:

- Molecular mechanisms of inherited retinal degeneration
- Current gene therapy for retinal degeneration
- Stem cell and retinal degeneration
- Human retinal explant-novel platform for drug discovery
- The potentials of triterpenoids in preventing or treating retinal degeneration
- Relationship of gut microbiota and diabetic retinopathy.

Schedule:

Thematic issue submission deadline: September 2021