



BioMed Research International

Special Issue on
Retinal Glial Cells: Structure, Function, and Dysfunction

CALL FOR PAPERS

The retina is populated by, in addition to neurons, three types of glial cell: Müller cells, astrocytes, and microglia. For decades, increasing evidence has indicated that the structural and functional integrity of the retina are supported by these glial cells. Glia pathology is implicated in many retinopathies including age-related macular degeneration, retinitis pigmentosa, retinal degeneration, glaucoma, and diabetic retinopathy. New knowledge and a deeper understanding of glia function and dysfunction will lead to the development of animal models, new and better therapies, novel biochemical/genetic markers, and proof of concepts.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand the development, function, dysfunction, and regeneration of glia under normal and pathophysiological conditions, with special emphasis on basic cellular and molecular mechanisms.

Potential topics include, but are not limited to:

- ▶ Morphology of glia
- ▶ Roles of Müller cells and retinal function
- ▶ Roles of astrocytes in retinal function and disorder
- ▶ Microglia and retinal degeneration
- ▶ Glia genetics/epigenetics
- ▶ Glia metabolism

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/ophthalmology/rgc/>.

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First Round of Reviews

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