Special Issue

Molecular Mechanisms and Metabolic Pathways of Retinitis Pigmentosa

Message from the Guest Editors

Retinitis pigmentosa (RP), a group of heterogeneous inherited retinal disorders, is characterized by pigment deposits in the retina and progressive photoreceptor death. Mutations of over 60 genes cause RP; these genes have diverse functions, including phototransduction, transcription regulation, metabolism, ciliary transport, and the maintenance of cellular integrity. The underlying pathological mechanisms of RP are not fully understood and effective treatments are limited. This Special Issue aims to collect recent developments in elucidating the underlying molecular mechanisms of RP in in vitro cell systems and in vivo RP models and in developing new therapeutic strategies for RP. It will provide a platform for our research community to advance our understanding of RP and to develop new therapeutic interventions for RP. We look forward to receiving the original studies and critical reviews of experts in this field.

Guest Editors

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