

Special Issue

New Insights on Cellular Biology of Retinal Degenerations

Message from the Guest Editors

Inherited retinal degenerations (IRDs) represent one of the most recent groups of neural diseases associated with cellular protein homeostasis (proteostasis) disruption. Endoplasmic reticulum (ER) stress and unfolded protein response (UPR) signaling have been implicated in the etiopathogenesis of heritable forms of retinitis pigmentosa.

This Special Issue aims to involve researchers working on retinal cell biology, including protein misfolding and network alterations, with a focus on retinal degenerations. Contributors may submit research articles, reviews, or original papers describing the identification of new misfolded proteins, their accumulation in retinal cells, their involvement in ER stress and UPR, the functional relationship with RPE, the construction of protein interaction networks, and the assembly of protein complexes formed by mutant proteins associated with retinal genetic diseases.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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