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Advances in Ocular Pharmacology

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Message from the Guest Editors

Dear Colleagues,

Ocular pharmacology is a field that has grown rapidly during the last few years, as we have witnessed several new and promising treatments becoming available for eye disorders that are not amenable to surgery, including age-related macular degeneration (AMD), branch retinal vein occlusion (BRVO), central retinal vein occlusion (CRVO), diabetic macular edema (DME), retinitis pigmentosa (RP), and virus infections.

The eye is an organ protected from environmental stress and obnoxious substances by various barriers, a fact that necessitates innovation in the administration route of pharmaceutical substances. Recently several innovative technologies have been developed to directly reach the vitreous chamber or the retina. Those include intravitreal injections of anti-vascular endothelial growth factor and direct intravitreal implants, using biodegradable or non-biodegradable polymer technology.

This Special Issue will summarize the state-of-the-art, and the latest findings published in the ocular pharmacology field, as well as to provide directions for future research





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