

Special Issue

Diabetic Retinopathy: Current Understanding, Mechanisms, and Treatment Strategies

Message from the Guest Editor

As we are observing a dramatic increase in the number of persons affected by diabetes worldwide, diabetes-associated eye complications are rapidly emerging as a global health issue that may threaten patients' visual acuity and visual function. Even though the treatment of diabetic retinopathy can reduce the risk of visual loss by 60%, diabetic retinopathy still remains the leading cause of blindness among working-age adults.

Therefore, the identification of mechanisms behind the pathophysiology and therapies of diabetic retinopathy is an area of significant research efforts, attracting scientists from a diverse range of fields, including neuroscience, pharmacology, and medicinal chemistry, among several others. This Special Collection is aimed at highlighting the importance of the discovery and mechanistic characterization of novel drug targets, signaling pathways, and mechanisms of action. Potential papers to submit include, but are not limited to, laboratory and clinical studies on diabetes-associated ocular complications.

Guest Editor

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