

# A Review on Diabetic Retinopathy

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**Abstract:** *Diabetic Retinopathy is a vascular microvascular complaint also called diabetic eye complaint caused by microangiopathy leading to progressive damage of the retina and blindness. The uncontrolled blood glyceic position or sugar position results in diabetic retinopathy. There are two stages of diabetic retinopathy proliferative diabetic retinopathy and nonproliferative diabetic retinopathy. Symptoms of diabetic retinopathy constantly have no early warning signs, indeed muscular edema, which can beget rapid-fire- fire vision loss. Macular edema in which the blood vessels leak can also do at any stage of diabetic retinopathy. Symptoms are darkened or distorted images and blurred vision that are n't the same in both eyes. This review study primarily discusses the pathophysiology, genetics, and ALR, ages, VEGF, EPO, and eNOS involved in diabetic retinopathy. The longer a person has diabetes, the advanced their trouble of developing some optic problems. During gravidity, diabetic retinopathy may also be a problem for women with diabetes. NIH are recommends that all pregnant women with diabetes have an overall eye examination. opinion of diabetic retinopathy is made during an eye examination that comprises ophthalmoscopy or fundus photography, and glow- in angiography for Fundus. also, we present a review of the current perceptivity into pathophysiology in diabetic retinopathy, as well as clinical treatments for diabetic retinopathy cases. new laboratory findings and related clinical trials are also analysed.*

**Keywords:** Diabetes mellitus, diabetic retinopathy, retina, PHARMACOLOGICAL TARGETS