



# OCULAR *Gene Therapy*

**Comparative Biosciences is your resource for preclinical Ocular Gene Therapy and Regenerative Medicine Studies.**

#### **VIRUS OR BACTERIAL-MEDIATED DELIVERY**

- . Safe and effective vector for gene delivery.
- . Experienced handling AAV, Adreno, and other vectors up to BSL-2.

#### **GENE DELIVERY**

- RNAi therapy is widely used for ocular disorders because it enables local delivery of small-interfering RNAs (siRNA's) by topical instillation or injection including Sub Retinal injections by our skilled staff.
- . Our animal models test SiRNA's targeting critical molecules involved in pathogenesis of retinitis pigmentosa, glaucoma, and neovascular eye diseases.

#### **IPS STEM CELL DELIVERY**

- . Targeted delivery to front and back of eye.
- . Experience with these therapies in a variety of indications including retinopathy, corneal diseases, and lens substitutes/replacements.

#### **OCULAR TOXICOLOGY STUDIES**

Check our website for a complete content/Ocular Toxicology Studies

#### **OCULAR GENE THERAPY AND REGENERATIVE MEDICINE STUDIES**

Check our website for a complete content/science list of Ocular Studies



## **COMPARATIVE BIOSCIENCES, INC.**

A TRANSLATIONAL APPROACH TO PRECLINICAL RESEARCH

**Contact us for more information regarding Ocular Gene Therapy.**

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