



POWERED RESEARCH

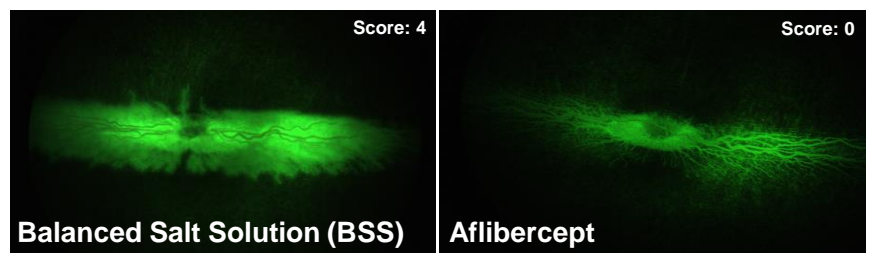
Retinal Leakage and Neovascularization Model in Rabbit

The VEGF-induced retinal leakage and neovascularization model was designed to assess the efficacy of products for the treatment of diabetic retinopathy and wet age-related macular degeneration (wet AMD).

Advantages of this model:

- ✓ Pharmacokinetically relevant
- ✓ Simultaneous assessment of tolerability and dose response
- ✓ Screening model with robust and rapid readout
- ✓ Can be used for therapeutics with short- or extended-release treatment durations

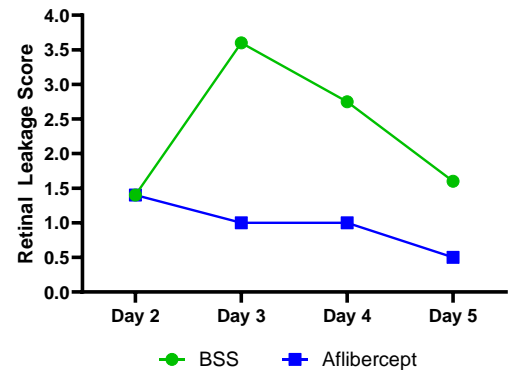
Fluorescein Angiography (Day 3)



Score Retinal Leakage

0	Major blood vessels appear very straight. Limited tortuosity of smaller vessels.
1	Major blood vessels present increased tortuosity and/or vessel dilation.
2	Leakage is present between major vessels. No leakage between minor vessels.
3	Leakage is present between major and minor vessels.
4	Leakage is present between major and minor vessels. Minor vessels are not visible.

Semi-Quantitative Scores



Endpoints can include (but are not limited to): slit lamp biomicroscopy and indirect ophthalmoscopy, high resolution fundus imaging, tonometry, fluorescein angiography, optical coherence tomography, electroretinography, and histopathology.

And many other offerings tailored to your needs...

Our Team

Studies are led by our specialized team with decades of experience-

Dr. David Culp, Senior Vice President, and Dr. Brian Gilger, Board-Certified Veterinary Ophthalmologist

Contact Us

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