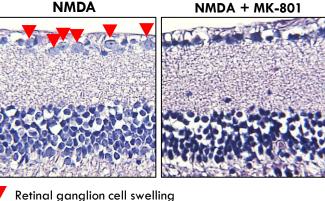


- $\checkmark$  Rapid and robust readouts
- ✓ Retina flat mount analysis is a quantitative endpoint for RGC loss
- OCT measurement and ERG analysis are primary in-life endpoints to measure functional neuroprotection

## Retinal Ganglion Cell Count from Flat Mount Analysis



15000-Vehicle Control Flat Mount RGC Count Analysis NMDA 5mM NMDA 5mM & MK-801 Unchallenged NMDA + MK-801 NMDA 10000 RGC Count  $(Cells/mm^2)$ Fluorescent Image DAPI 5000 Day 7 Insets show segmented nuclei outlines from ImageJ quantification Timepoint

Endpoints can include (but are not limited to): slit lamp biomicroscopy and indirect ophthalmoscopy, 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**

Email: info@poweredresearch.com | Web: www.poweredresearch.com

