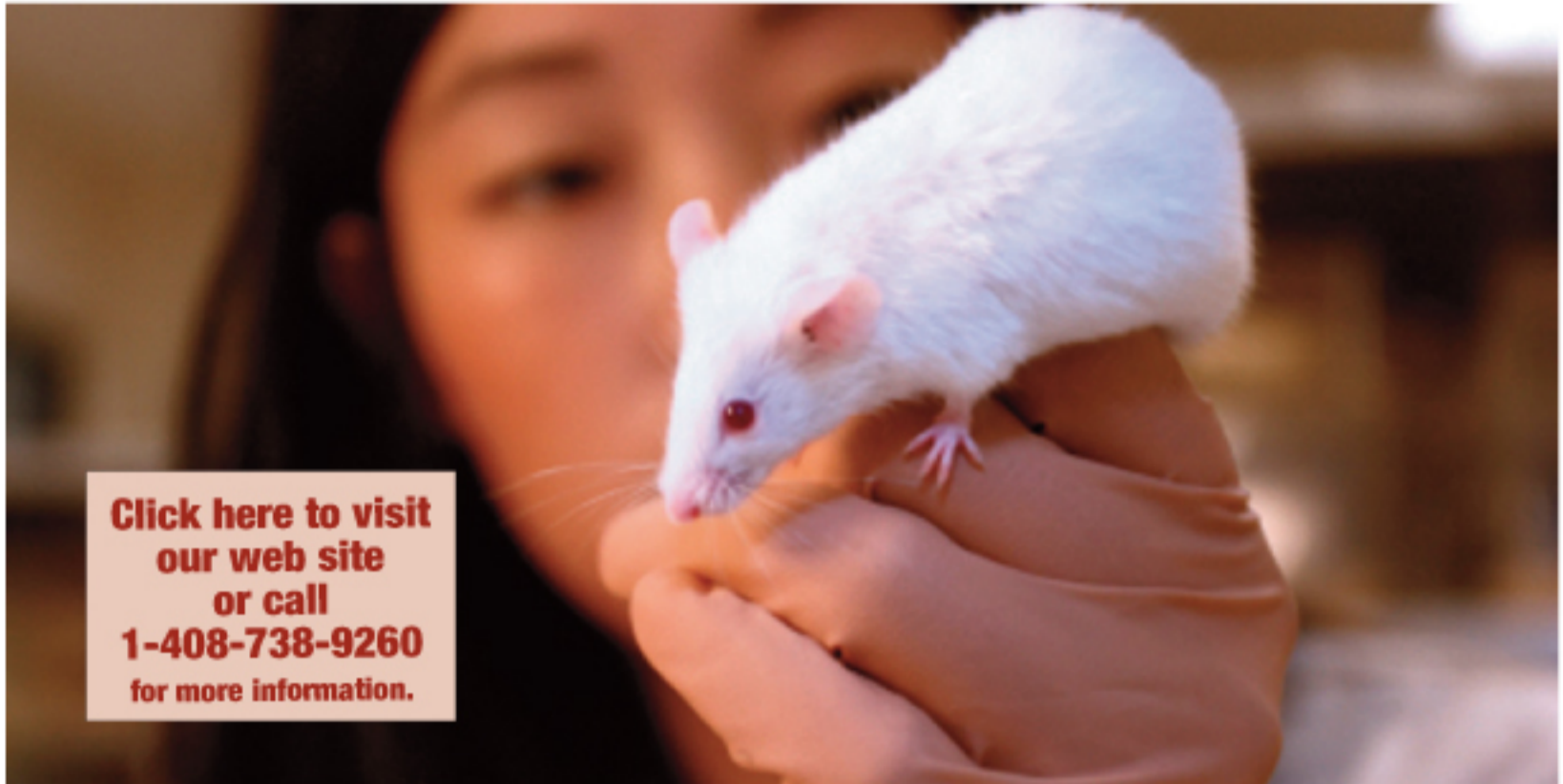




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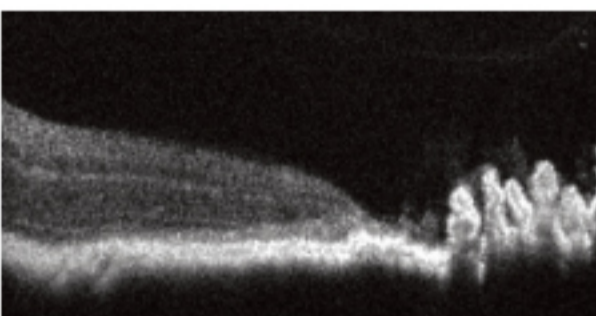
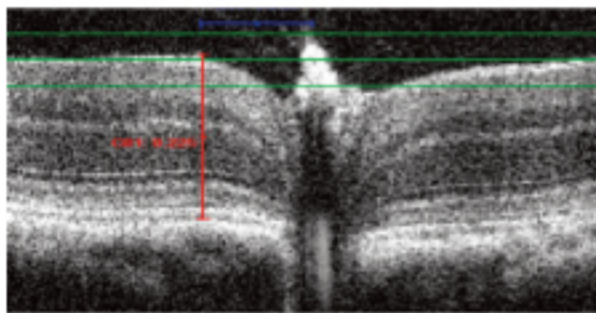


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our web site  
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1-408-738-9260  
for more information.



## Introducing OCT

CBI is proud to announce that it is now offering optical coherence tomography (OCT) for research and toxicology studies in laboratory animals. OCT is an optical signal acquisition and processing method that captures micrometer-resolution, three-dimensional images from within biologic tissues and in particular, eyes. Our Envisu R2200 SDOIS Imaging System (Bioptigen, Inc) allows us to assess the entire eye, particularly the retina, optic nerve, retinal vasculature, lens and anterior segment. Doppler assessment of ocular and retinal venous and arterial blood flow is also available.



Actual images of a mouse retina from ONH (Optic Nerve Hypoplasia) to periphery in real time.

OCT imaging captures a wide range of subtle in life changes in the retina and optic nerve, and to visualize lesions such as laser-induced subretinal plaques, neovascular proliferation, diabetic retinopathy, intraocular devices, intra-ocular depositions such as stem cells or subretinal depot injections, measure structures, and examine, in detail, the cornea, iris, ciliary process, angles, and lens. Further, the FDA is very interested that OCT be conducted in ocular toxicity studies.



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