

**NEWS RELEASE - FOR IMMEDIATE RELEASE**  
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[www.syngene.com](http://www.syngene.com)**-Copy Starts-*****Novel Imaging Application of ChemiGenius<sup>2</sup>***  
***Is Helping with Vital Research into the Causes of Diabetes Related Blindness***

**Cambridge, UK:** Syngene, a world-leading manufacturer of image analysis solutions, is pleased to announce its ChemiGenius<sup>2</sup> multi-purpose imaging system, is being used by the University of Oklahoma for a fluorescence imaging application which is part of an important study into the causes of blindness associated with diabetes.

Scientists at the University of Oklahoma College of Medicine are using the ChemiGenius<sup>2</sup> in a unique way to analyse slides of fluorescently labelled eye tissue. The system is also in use for routine tasks such as checking the quality and size of DNA fragments and determining protein expression by Western blotting. The ultimate goal of this research is to develop natural peptides as new non-invasive therapies to block vascular leakage in the eyes, preventing retinal degeneration and subsequent blindness caused by diseases such as diabetes.

Dr Jian-Xing Ma, Professor in the Department of Cell Biology, University of Oklahoma College of Medicine commented: "Before installing the ChemiGenius<sup>2</sup> we used several thousands of dollars of Polaroid film ever year to document our research. Using the system means we don't need to do this any more, as we can produce excellent, publication quality images and store them on our desktops."

"We chose the ChemiGenius<sup>2</sup> because we have to perform a number of diverse imaging tasks and this system offers the most versatility. Also the software is so simple to use that we can quickly and easily email images back to our desks for analysis with Syngene's GeneTools and therefore allow maximum access to the ChemiGenius<sup>2</sup>."

Paula Maia, Syngene's Sales & Marketing Manager in the USA added: "It is very exciting to see the ChemiGenius<sup>2</sup> being successfully used for imaging fluorescently stained slides as this is a unique application of it. This interesting research shows how a ChemiGenius<sup>2</sup> can save time and expense in generating quality images which can be confidently submitted to any regulatory authorities."

**-End-****News Release**