CIRTEMO

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CIRTEMO to Unveil Multivariate Optical Element Platform for Complex Fluorochrome Discrimination

Version 2.0 customized for life sciences and medical devices

Columbia, S.C. – December 10, 2013 - CIRTEMO announced today that the company will unveil an updated Multivariate Optical Element (MOE) platform for fluorochrome discrimination version 2.0 at the 2013 American Society for Cell Biology (ASCB) annual meeting. The trade show, to be held in New Orleans' Ernest N. Morial Convention Center from December 14 through 17, is the largest annual meeting of research cell biologists in the world.

"After our first fluorochrome discrimination platform launched early this year, CIRTEMO's partners and customers provided valuable insight into the capabilities they are looking for in optical filters for their instruments and research," said Jason Williamson, CIRTEMO founder.

Using customer input and proprietary technological advancements, CIRTEMO created its Multivariate Optical Element-based fluorochrome discrimination platform version 2.0; the updated platform develops complex optical filters that can be leveraged in point detection systems, as well as complicated imaging applications, where traditional filters are not capable of resolving complex, spectrally overlapping fluorochromes and other biomarkers.

"The imaging and excitation capabilities recently added to our fluorochrome discrimination platform are significant for cell researchers, instrument and diagnostic manufacturers alike," said Dr. Ryan Priore, CIRTEMO's CTO.

The value of CIRTEMO's updated platform lies in its value to a variety of industries. With the latest improvements, Multivariate Optical Elements can be combined with inexpensive broad band and LED light sources as excitation tools, reducing the need for expensive lasers that drive up the cost of goods for instrument manufacturers and can degrade samples for end researchers. During the ASCB conference, CIRTEMO experts will provide a technology overview of how life science and diagnostics companies can leverage the patented MOE platform.

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The company will also host several free "lunch and learn" sessions and private briefings to discuss the new fluorochrome discrimination platform throughout the ASCB show. To participate or learn more about CIRTEMO's new fluorochrome discrimination platform, interested parties can e-mail info@cirtemo.com.

About CIRTEMO
CIRTEMO designs and manufactures patented optical filters, called Multivariate Optical Elements, which are encoded to detect/measure complex chemical compounds and attributes. CIRTEMO's patented Multivariate Optical Element platform enables optical systems to perform high value detection and analysis at the speed of light, to a variety of industries.

CIRTEMO primarily partners with OFMs and Optical Component and System Manufacturers (OCSMs). The Multivariate Optical Element platform allows OFMs and OCSMs to differentiate their offerings with a well-protected IP position and enable their customers to tackle new applications that are not possible with traditional optical filters and coatings. CIRTEMO is also engaged with key collaborators working to develop Multivariate Optical Element-based systems for life science and other high value applications.

Company History
CIRTEMO is the second company founded to commercialize the patented Multivariate Optical Element platform discovered by Dr. Michael Myrick at the University of South Carolina. Prior to founding CIRTEMO, Jason Williamson founded Ometric in 2005. Ometric successfully commercialized the Multivariate Optical Element platform in a wide variety of large industrial sectors, including pharmaceuticals, chemicals, pet nutrition, mining, food and many others.

Ometric was sold to Halliburton in 2011. Although the exact sale price of Ometric is considered confidential, Halliburton paid more than eight figures ($XXM) for the company, and the transaction generated the largest royalty payment in history ever paid to the University of South Carolina ($2.7M).

For more information, visit www.CIRTEMO.com or call (803) 467-4189.

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