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Cerno Bioscience Signs Agreements with Leading Pharmaceutical Research Programs in Shanghai, China

Danbury, CT. (October 24, 2006) – Cerno Bioscience announces two major agreements have been reached with leading research institutes in China for the use of ground-breaking MS data analysis software, MassWorks™. Cerno has entered into collaborative research in drug metabolism with Dr Dafang Zhong, Director of Drug Metabolism Research at Shanghai Institute of Materia Media, Chinese Academy of Sciences. Cerno has also signed an agreement with Egret Pharma (Shanghai) Limited for extensive use of the MassWorks software in small molecule synthesis.

Research by Dr Zhong will focus on obtaining high mass accuracy to aid in metabolite identification using conventional mass spectrometry systems by applying MassWorks. The triple quadrupole systems are specified to provide only rudimentary mass accuracy and therefore lack the high mass accuracy capabilities of a high resolution system considered necessary for metabolite identification. Metabolism researchers will be able to achieve the results of a high-end spectrometer for a fraction of the investment when applying MassWorks' MSIntegrity™ calibration technology, which improves mass accuracy by up to 100x. In addition to enhancing and confirming the identity of various metabolites, the software will also improve the signal-to-noise and peak shape of the MS data to further enable elemental composition determination on these unit mass resolution MS systems.

The agreement with Egret Pharma, a leading Chinese pharmaceutical research and development company, will see the company using Cerno's MassWorks software extensively in its small molecule synthesis studies to significantly shorten the turn-around time in the drug discovery process. MassWorks will be used to confirm the identity of target compounds as well as to identify synthesis by-products, impurities and degradation products, all using conventional unit mass resolution MS systems. This identification will provide timely feedback to the organic chemists to reduce turn-around time.

MassWorks utilizes Cerno's DirectRead™ technology to read most instrument data formats directly, eliminating the need for importing or exporting MS data to the clipboard or utilizing intermediate exchange formats. This saves time, reduces transcription errors, simplifies file management, and saves substantial disk space. As DirectRead does not alter the original data, it assists compliance with common regulatory requirements such as GLP and the FDA's 21 CFR Part 11.

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For more information on MassWorks, please contact Cerno Bioscience at info@cernobioscience.com, call +1 203-312-1150, or visit www.cernobioscience.com.

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About Cerno Bioscience LLC

Cerno is dedicated to the practical application of modern mathematical techniques to Mass Spectrometry for the purpose of improving the quality, accuracy and reliability of MS analysis. These techniques can be used to dramatically improve the amount of information obtainable from and reduce the amount of time required of many MS experiments. Cerno's technologies are proprietary and protected through numerous patents granted and submitted world-wide. The company was founded and is staffed by a team with over 80 years' experience in the fields of instrumentation, mathematical data processing, life science applications and biotech business development. Cerno is funded by a private investment group with an established track record of success in the Analytical Instrumentation market.

