BRIDGER PHOTONICS SELECTED BY PROTEA BIOSCIENCES TO SUPPLY MID-INFRARED LASERS FOR INNOVATIVE MASS SPEC APPLICATION

Bridger's Compact, High-Energy, Affordable, Mid-Infrared Lasers Will Enable the Next Generation in Rapid Mass Spectrometry on In-Vivo Samples

Bozeman, Mont., June 3, 2011— Bridger Photonics, Inc. (Bridger), a world leader in pulsed mid-infrared lasers and LIDAR, announced today that it has signed a product supply agreement with Protea Biosciences, Inc. (Protea), a leading developer of bioanalytical technology. Bridger will supply its compact, mid-infrared lasers for use in Protea's newly developed Laser Ablation Electrospray Ionization (LAESI) sources, which are being launched at the American Society for Mass Spectrometry (ASMS) 2011 exhibition in Denver, CO.

LAESI is a breakthrough mass spectrometry approach to identify proteins, peptides, lipids, metabolites and other biomolecules directly and rapidly in any sample that contains water content (e.g. tissues and aqueous samples). LAESI addresses a broad range of commercial applications in the fields of pharmaceutical and biological research, surgical and molecular pathology, clinical diagnostics, chemical and biological defense, forensics, agriculture, food process monitoring, and many others. In 2008, Protea secured an exclusive, worldwide license from George Washington University (inventor Dr. Akos Vertes) for commercial rights to LAESI.

"We are excited to work with Bridger to incorporate their mid-IR laser technology into our DP-1000 LAESI source. With their expertise and hard work, Bridger's R&D team has developed a compact, high quality mid-IR pulsed laser that will support our LAESI technology and provide our customers with a robust and dependable functionality," said Dr. Matthew Powell, Director of Research and Development at Protea. "We look forward to continuing our work with Bridger to develop new and more versatile laser systems that will further enable imaging mass spectrometry in the hands of our customers."

Bridger has shown that their lasers are ideal for demanding ionization applications such as Protea's, which require compact, high-energy, and affordable mid-infrared pulsed laser sources. "We are delighted to provide our lasers and technical expertise to support Protea's emerging LAESI products." said Dr. Pete Roos, President and Chief Executive Officer at Bridger. "It is exciting to be part of a technology with such advanced capabilities, growth potential, and societal benefit."

About Bridger Photonics, Inc.
Founded in 2006, Bridger Photonics, Inc. (Bridger) is a world leader in Precision LADAR, Precision LIDAR, and Advanced Imaging. Bridger has developed a compact, high-energy pulsed mid-infrared laser that requires no water cooling and can be made narrowband.

Applications for this laser include ablation, material processing, and LIDAR/remote sensing. Bridger has also developed LADAR systems with world-record range resolution on hard targets. Over long distances, Bridger's systems excel at target recognition/identification and precision surveying. Over short distances the systems are ideal for length metrology applications. Bridger has demonstrated full 3D imaging with their LADAR systems. For more information on Bridger, please visit www.bridgerphotonics.com.

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