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Protea Biosciences Group, Inc. (“Protea”)

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Press Highlights

World Molecular Imaging Congress Savannah, GA, September 18 – 21, 2013

Protea is a technology leader in the field of mass spectrometry (“mass spec”) molecular imaging – the identification and localization of the molecular products of all living cells, that is foundational science for all pharmaceutical, medical and life science research. In 2009, Protea licensed the worldwide, exclusive rights to LAESI[®] (Laser Ablation Electrospray Ionization), a technology invented by Dr. Akos Vertes and Dr. Peter Nemes, from George Washington University. LAESI is used in conjunction with mass spec to analyze and image endogenous and exogenous molecules at ambient pressure enabling the analysis of biofluids, live cells, tissue and many other sample types. <https://proteabio.com/LAESI/About+LAESI+Technology>

Protea’s commercial offering, the LAESI DP-1000 system was introduced in 2012 and quickly received industry recognition, first as the Pittcon Editor’s 2012 Bronze Award and followed by an R&D 100 award. To date, there are 7 issued patents and over 30 peer-reviewed scientific publications on LAESI. <https://proteabio.com/LAESI/LAESI+DP-1000+System>

Customers interested in LAESI can purchase a LAESI DP-1000 instrument or utilize ProteaWorks[™], Protea’s technology access services for their in vitro, in vivo and ex vivo needs. ProteaWorks was introduced in October of 2012 to give customers access to Protea’s mass spectrometry expertise and our state of the art instrumentation and data analysis. With a focus on biological applications of mass spectrometry imaging, customers from the drug development, agricultural and medical device industries as well as academia-based researchers have already used ProteaWorks services <https://proteabio.com/imaging>

In June of 2012 Protea introduced ProteaScope[™], a revolutionary evolution of the LAESI technology platform that is made available as a service through ProteaWorks. Through a web-based portal, customers will be able to obtain LAESI mass spec molecular data on anatomical features of interest, bringing forth a new dimension of biological information. <https://proteabio.com/imaging/ProteaScope>

These exciting advances in biomolecular imaging technology reflect Protea’s commitment to bring mass spectrometry molecular imaging to biologists worldwide. <https://proteabio.com/>

For more Information:

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