September 5, 2017

Biocept Launches Liquid Biopsy Test for NRAS Mutations

Expands commercial offering to 15 clinically actionable biomarker tests, including key validated alterations listed in the NCCN Guidelines® for metastatic melanoma and colorectal cancer

SAN DIEGO, Sept. 5, 2017 /PRNewswire/ -- Biocept, Inc. (NASDAQ: BIOC), a leading commercial provider of liquid biopsy tests designed to provide physicians with clinically actionable information to improve the outcomes of cancer patients, announces the commercial availability of its assay for mutations of the *NRAS* oncogene. The assay can be used to detect and monitor an actionable biomarker associated with multiple cancer types such as metastatic melanoma, colorectal and lung cancer. Biocept now offers 15 CLIA-certified liquid biopsy tests utilizing its Target Selector™ platform to determine the status of key cancer biomarkers listed in the NCCN Guidelines®.

"Our newest assay combines our proprietary switch blocker technology for improved mutation detection with the power of next generation sequencing, resulting in ultra-high sensitive performance of our liquid biopsy *NRAS* test," said Lyle Arnold, Ph.D., Biocept's Chief Scientific Officer. "This is our first commercially available assay that utilizes more than one switch blocker in the assay to interrogate multiple genes simultaneously, demonstrating our ability to develop multiplex panels that can analyze several different mutated gene regions in a single test."

"We continue to execute on expanding our menu of non-invasive and cost-effective biomarker tests," said Biocept's President and Chief Executive Officer Michael Nall. "Biocept now offers 15 commercially available liquid biopsy assays covering the most relevant genomic alterations for solid tumors listed in the NCCN guidelines®. With the addition of *NRAS*, our assay menu now offers expanded genomic testing for both metastatic melanoma and colorectal cancer, which we believe will drive further adoption of our technology in these indications."

Biocept's Target Selector™ *NRAS* mutation test uses the Company's proprietary switch blocker technology, which enriches for oncogene mutations of interest and results in highly sensitive biomarker detection. The Company's liquid biopsy tests are performed in its CLIA-certified, CAP-accredited laboratory located in San Diego, California. To order a liquid biopsy test, please contact Customer Service at **888-332-7729** or customerservice@biocept.com.

About *NRAS*
The *NRAS* gene encodes for the N-Ras protein, which is involved in communicating signals from the exterior of the cell to the cell's interior (called signal transduction). These signals provide instructions for a cell to proliferate or differentiate. Mutations in the *NRAS* gene lead to dysregulated N-Ras protein function, resulting in uncontrolled cell growth and division. *NRAS* mutations are associated with the development of several types of cancer, such as melanoma (15-20% of cases), thyroid carcinoma (6%), colorectal cancer (1-6%), and lung cancer (1%). Currently, there are no FDA approved therapies that target *NRAS* mutations directly, however, several drug candidates are in development and MEK inhibitor monotherapy or combination therapies with MEK inhibitors may provide viable treatment options for patients harboring *NRAS* mutations. Immuno-oncology therapies may also be effective in the treatment of *NRAS*-mutant disease.

About NCCN Guidelines®
The National Comprehensive Cancer Network® (NCCN®), a not-for-profit alliance of 27 leading cancer centers devoted to patient care, research and education, is dedicated to improving the quality, effectiveness and efficiency of cancer care so that patients can live better lives. NCCN offers a number of programs to give clinicians access to tools and knowledge that can help guide decision-making in the management of cancer. Over the past 25 years, NCCN has developed an integrated suite of tools to improve the quality of cancer care. The NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) document evidence-based, consensus-driven management to ensure that all patients receive preventive, diagnostic,

treatment, and supportive services that are most likely to lead to optimal outcomes.

About Biocept
Biocept, Inc. is a molecular diagnostics company with commercialized assays for lung, breast, gastric, colorectal and prostate cancers, and melanoma. The Company leverages its proprietary liquid biopsy technology to provide physicians with clinically actionable information for treating and monitoring patients diagnosed with cancer. Biocept's patented Target Selector™ liquid biopsy technology platform captures and analyzes tumor-associated molecular markers in both circulating tumor cells (CTCs) and in circulating tumor DNA (ctDNA). With thousands of tests performed, the platform has demonstrated the ability to identify cancer mutations and alterations to inform physicians about a patient's disease and therapeutic options. For additional information, please visit www.biocept.com.

Forward-Looking Statements Disclaimer Statement
This news release contains forward-looking statements that are based upon current expectations or beliefs, as well as a number of assumptions about future events. Although we believe that the expectations reflected in the forward-looking statements and the assumptions upon which they are based are reasonable, we can give no assurance that such expectations and assumptions will prove to be correct. Forward-looking statements are generally identifiable by the use of words like "may," "will," "should," "could," "expect," "anticipate," "estimate," "believe," "intend" or "project," or the negative of these words or other variations on these words or comparable terminology. To the extent that statements in this news release are not strictly historical, including, without limitation, statements as to our ability to identify specific clinical conditions or improve the outcomes of cancer patients, the utility and effectiveness of our intellectual property protections, the financial impact of new contracts, and our ability to increase the number of products or services provided or the value of the Company, such statements are forward-looking, and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. The reader is cautioned not to put undue reliance on these forward-looking statements, as these statements are subject to numerous risk factors as set forth in our Securities and Exchange Commission (SEC) filings. The effects of such risks and uncertainties could cause actual results to differ materially from the forward-looking statements contained in this news release. We do not plan to update any such forward-looking statements and expressly disclaim any duty to update the information contained in this press release except as required by law. Readers are advised to review our filings with the SEC at www.sec.gov

View original content with multimedia:http://www.prnewswire.com/news-releases/biocept-launches-liquid-biopsy-test-for-nras-mutations-300511327.html

SOURCE Biocept, Inc.