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Interpace Diagnostics Launches Product Extension at World Conference on Thyroid Cancer

Expansion of ThyGenX® Panel Provides Additional Molecular Insights

BOSTON, Aug. 01, 2017 (GLOBE NEWSWIRE) -- Interpace Diagnostics Group, Inc. (NASDAQ:IDXG) ("Interpace" or the "Company"), a fully integrated commercial company that provides clinically useful molecular diagnostic tests and pathology services, announced the formal launch of the TERT marker of aggressiveness in indeterminate thyroid nodules at the Third World Congress on Thyroid Cancer being held in Boston, MA through Saturday, July 29th. Over 1200 domestic and international delegates gathered during the meeting. Along with launching TERT, the Company served as a major sponsor of the event in support of the meeting's objective to educate physicians and others about diagnosing and treating thyroid cancer.

The TERT marker is a strong molecular predictor of the aggressiveness of thyroid cancer and adds additional insights into a patient's molecular profile. Currently, the ThyGenX™ mutation panel includes the following markers that are predictive of thyroid cancer from cytologically indeterminate thyroid nodules: BRAF, HRAS, KRAS, NRAS, RET/PTC, PAX8/PPARy, and PIK3CA. By adding TERT, the panel will not only continue to be a strong positive predictor of thyroid cancer, but will also provide evidence that a positive result indicates the cancer is likely to be more aggressive in nature.

Published data indicates that TERT mutations can extend the life span of tumor cells and allow time for other mutations to develop. Mutations in the TERT promoter region are found in thyroid cancers and seem to act synergistically when they occur with the BRAF V600 mutation. The coexistence of mutations in TERT and BRAF genes has been shown to dramatically increase the risk of thyroid cancer aggressiveness, tumor recurrence and thyroid cancer-specific deaths.

Physicians are now able to order TERT as part of the ThyGenX mutation panel or on an individual basis.

The ThyGenX /ThyraMIR® test is the only test in the market that combines the rule-in properties of Next Generation Sequencing of a patient's DNA and RNA, and the rule-out capabilities of a micro-RNA classifier. Based on current performance, over 80% of the Company's total cases are reflexed to ThyraMIR for additional assessment. The Company first launched ThyGenX in October 2014 and ThyraMIR on April 15th, 2015, making both tests available to Endocrinologists and Pathologists throughout the country. Since then, the Company has conducted over 15,000 ThyGenX/ThyraMIR tests for nearly 400 physicians and hospitals nationwide.

According to the American Cancer Society, thyroid cancer is the most rapidly increasing cancer in the US, tripling in the past three decades. Most physicians have traditionally recommended thyroid surgery where thyroid nodule biopsy results are indeterminate, not clearly benign or malignant following traditional cytopathology review, however 70-80% of these surgical outcomes are ultimately benign. Molecular testing using ThyGenX /ThyraMIR has been shown to reduce the rate of unnecessary surgeries in indeterminate cases.

Jack E. Stover, President and CEO of Interpace, stated, “We are pleased to officially launch the TERT product extension at the World Congress on Thyroid Cancer. This is the appropriate setting and audience for bringing this important service to the market.”

About Thyroid Nodules, ThyGenX and ThyraMIR testing

According to the American Thyroid Association, approximately 15% to 30% of the 525,000 thyroid fine needle aspirations (FNAs) performed on an annual basis in the U.S. are indeterminate for malignancy based on standard cytological evaluation, and thus are candidates for ThyGenX and ThyraMIR.

ThyGenX and ThyraMIR reflex testing yields high predictive value in determining the presence and absence of cancer in thyroid nodules. The combination of both tests can improve risk stratification and surgical decision-making when standard cytopathology does not provide a clear diagnosis for the presence of cancer.

ThyGenX utilizes state-of-the-art next-generation sequencing (NGS) to identify more than 100 genetic alterations associated with papillary and follicular thyroid carcinomas, the two most common forms of thyroid cancer. ThyraMIR is the first microRNA gene expression classifier. MicroRNAs are small, non-coding RNAs that bind to messenger RNA and regulate expression of genes involved in human cancers, including every subtype of thyroid cancer. ThyraMIR measures the expression of 10 microRNAs. Both ThyGenX and ThyraMIR are covered by both Medicare and Commercial insurers.

About Interpace Diagnostics Group, Inc.

Interpace Diagnostics is a fully integrated commercial company that provides clinically useful molecular diagnostic tests and pathology services for evaluating risk of cancer by leveraging the latest technology in personalized medicine for better patient diagnosis and management. The Company currently has three commercialized molecular tests; PancraGen for the diagnosis and prognosis of pancreatic cancer from pancreatic cysts; ThyGenX, for the diagnosis of thyroid cancer from thyroid nodules utilizing a next generation sequencing assay and ThyraMIR, for the diagnosis of thyroid cancer from thyroid nodules utilizing a proprietary gene expression assay. Interpace Diagnostics' mission is to provide personalized medicine through molecular diagnostics and innovation to advance patient care based on rigorous science.

Forward Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995, relating to our future financial and operating performance. The company has attempted to identify forward looking statements by

terminology including "believes," "estimates," "anticipates," "expects," "plans," "projects," "intends," "potential," "may," "could," "might," "will," "should," "approximately" or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. These statements are based on current expectations, assumptions and uncertainties involving judgments about, among other things, future economic, competitive and market conditions and future business decisions, all of which are difficult or impossible to predict accurately and many of which are beyond the Company's control. These statements also involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results to be materially different from those expressed or implied by any forward-looking statement. Known and unknown risks, uncertainties and other factors include, but are not limited to, our ability to adequately finance the business, our ability to restructure our liabilities and other obligations, the market's acceptance of our molecular diagnostic tests; our ability to retain or secure reimbursement, our ability to secure additional business and generate higher profit margins through sales of our molecular diagnostic tests, in-licensing or other means, projections of future revenues, growth, gross profit and anticipated internal rate of return on investments and our ability to maintain our NASDAQ listing. Additionally, all forward-looking statements are subject to the risk factors detailed from time to time in the Company's periodic filings with the Securities and Exchange Commission (SEC), including without limitation, the Annual Report on Form 10-K filed with the SEC on March 31, 2017 and the amendment on Form 10-K/A filed on April 28, 2017, the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2017 filed with the SEC on May 12, 2017, and the Company's Registration Statement on Form S-1, as amended (333-218140) initially filed with the SEC on May 22, 2017. Because of these and other risks, uncertainties and assumptions, undue reliance should not be placed on these forward-looking statements. In addition, these statements speak only as of the date of this press release and, except as may be required by law, the Company undertakes no obligation to revise or update publicly any forward-looking statements for any reason.

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