October 21, 2021

Interpace Diagnostics Announces US Patent Approval for Patent Application No. 11,118, 231 B2 Titled: microRNAs as Biomarkers for Distinguishing Benign from Malignant Thyroid Neoplasms

PARSIPPANY, NJ, Oct. 21, 2021 (GLOBE NEWSWIRE) -- Interpace Biosciences, Inc. ("Interpace" or the "Company") (OTCQX: IDXG), a fully integrated commercial company that provides clinically relevant molecular diagnostic tests and pathology services for improved patient diagnosis and management, today announced that on September 14th 2021, the United States Patent and Trademark Office granted it a Patent (U.S. PTO Number 11,118,231 B2) for use of microRNAs for distinguishing benign from malignant thyroid neoplasms. This patent covers the underlying technology of its ThyraMIR® microRNA Classifier.

MicroRNAs are small, non-coding RNAs that bind to messenger RNA and regulate expression of proteins involved in human cancers, including thyroid cancer.

ThyraMIR®, our micro-RNA classifier, is designed to work in concert with Interpace's NGS based ThyGeNEXT® test to risk stratify indeterminate Thyroid nodules. By measuring the expression levels of 10 microRNAs, ThyraMIR®, in combination with ThyGeNEXT® provide actionable rule-in and rule-out results, reducing unnecessary Thyroidectomy surgeries and improving patient care.

Alidad Mireskandari, Ph.D., MBA, Chief Development Officer of Interpace Biosciences stated, "We are pleased to announce the approval of this patent by the US PTO. This patent adds to our existing portfolio of Intellectual Property that protects our innovative products and unique technology around the use of micro RNAs as key diagnostic analytes."

About Interpace Biosciences

Interpace Biosciences is an emerging leader in enabling personalized medicine, offering specialized services along the therapeutic value chain from early diagnosis and prognostic planning to targeted therapeutic applications.

Clinical services, through Interpace Diagnostics, provides clinically useful molecular diagnostic tests, bioinformatics and pathology services for evaluating risk of cancer by leveraging the latest technology in personalized medicine for improved patient diagnosis and management. Interpace has five commercialized molecular tests and one test in a clinical evaluation program (CEP): PancraGEN® for the diagnosis and prognosis of pancreatic

cancer from pancreatic cysts; PanDNA, a “molecular only” version of PancraGEN® that provides physicians a snapshot of a limited number of factors; ThyGeNEXT® for the diagnosis of thyroid cancer from thyroid nodules utilizing a next generation sequencing assay; ThyraMIR® for the diagnosis of thyroid cancer from thyroid nodules utilizing a proprietary gene expression assay; and RespriDX® that differentiates lung cancer of primary versus metastatic origin. In addition, BarreGEN®, a molecular based assay that helps resolve the risk of progression of Barrett’s Esophagus to esophageal cancer, is currently in a clinical evaluation program (CEP) whereby we gather information from physicians using BarreGEN® to assist us in gathering clinical evidence relative to the safety and performance of the test and also providing data that will potentially support payer reimbursement.

Pharma services, through Interpace Pharma Solutions, provides pharmacogenomics testing, genotyping, biorepository and other customized services to the pharmaceutical and biotech industries. Pharma services also advances personalized medicine by partnering with pharmaceutical, academic, and technology leaders to effectively integrate pharmacogenomics into their drug development and clinical trial programs with the goals of delivering safer, more effective drugs to market more quickly, while also improving patient care.

For more information, please visit Interpace Biosciences’ website atwww.interpace.com.

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 the Company’s 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 statements including, but not limited to, the adverse impact of the COVID-19 pandemic on the Company’s operations and revenues, the substantial doubt about the Company’s ability to continue as a going concern, the possibility that the Company’s estimates of future revenue, cash flows and adjusted EBITDA may prove to be materially inaccurate, the Company’s history of operating losses, the Company’s ability to adequately finance its business, the Company’s ability to repay borrowings under its new credit facility as well as its $7.5M bridge loans from its private equity investors, the Company’s dependence on sales and reimbursements from its clinical services, the Company’s ability to retain or secure reimbursement including its reliance on third parties to process and transmit claims to payers and the adverse impact of any delay, data loss, or other disruption in processing or transmitting such claims, the Company’s revenue recognition being based in part on estimates for future collections which estimates may

prove to be incorrect, and the Company's ability to remediate material weaknesses in internal controls. Additionally, all forward-looking statements are subject to the "Risk Factors" detailed from time to time in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2020 filed with the Securities and Exchange Commission, Current Reports on Form 8-K and Quarterly Reports on Form 10-Q. 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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