

Bio-Path Holdings, Inc. Announces Closing of Public Offering of Common Stock

HOUSTON— January 17, 2019 – Bio-Path Holdings, Inc., (Nasdaq: BPTH) (Bio-Path), a biotechnology company leveraging its proprietary DNAbilize[®] antisense RNAi nanoparticle technology to develop a portfolio of targeted nucleic acid cancer drugs, today announced the closing and funding of its previously announced underwritten public offering of 8,592,308 shares of its common stock at a price to the public of \$0.13 per share. The aggregate gross proceeds from the offering, before deducting the underwriting discounts and commissions and estimated offering expenses, are approximately \$1.1 million.

H.C. Wainwright & Co. acted as the sole book-running manager for the offering.

Bio-Path currently intends to use the net proceeds from the offering for working capital and general corporate purposes.

A shelf registration statement on Form S-3 (Registration No. 333-215205) relating to the public offering of the shares of common stock described above was filed with the Securities and Exchange Commission ("SEC") and was declared effective on January 9, 2017. A preliminary prospectus supplement describing the terms of the offering was filed with the SEC on January 14, 2019. A final prospectus supplement and accompanying prospectus describing the terms of the offering was filed with the SEC on January 16, 2019. Copies of the final prospectus supplement and the accompanying prospectus relating to the offering may be obtained from H.C. Wainwright & Co., LLC, 430 Park Avenue 3rd Floor, New York, NY 10022, or by calling (646) 975-6996 or by emailing placements@hcwco.com or at the SEC's website at http://www.sec.gov.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such jurisdiction. Any offer, if at all, will be made only by means of the prospectus supplement and accompanying prospectus forming a part of the effective registration statement.

About Bio-Path Holdings, Inc.

Bio-Path is a biotechnology company developing DNAbilize[®], a novel technology that has yielded a pipeline of RNAi nanoparticle drugs that can be administered with a simple intravenous transfusion. Bio-Path's lead product candidate, prexigebersen (BP1001, targeting the Grb2 protein), is in a Phase 2 study for blood cancers and in preclinical studies for solid tumors. This is followed by BP1002, targeting the Bcl-2 protein, which the company anticipates entering into clinical studies where it will be evaluated in lymphoma and solid tumors.

For more information, please visit the Company's website at http://www.biopathholdings.com

Forward-Looking Statements

This press release contains forward-looking statements that are made pursuant to the safe harbor provisions of the federal securities laws, including statements regarding our business operations, the offering of shares of common stock described above, including those relating to the size thereof, the expected net proceeds from the offering, the intended use of proceeds and the timing of the closing of the offering. These statements are based on management's current expectations and accordingly are subject to uncertainty and changes in circumstances. Any express or implied statements contained in this press release that are not statements of historical fact may be deemed to be forward-looking statements. Any statements that are not historical facts contained in this release are forward-looking statements that involve risks and uncertainties, including Bio-Path's ability to raise needed additional capital on a timely basis in order for it to continue its operations, Bio-Path's ability to have success in the clinical development of its technologies, the timing of enrollment and release of data in such clinical studies and the accuracy of such data, limited patient populations of early stage clinical studies and the possibility that results from later stage clinical trials with much larger patient populations may not be consistent with earlier stage clinical trials, the maintenance of intellectual property rights, risks relating to maintaining Bio-Path's listing on the Nasdaq Capital Market and such other risks which are identified in Bio-Path's most recent Annual Report on Form 10-K and in any subsequent quarterly reports on Form 10-Q. These documents are available on request from Bio-Path or at www.sec.gov. Bio-Path disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

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