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## **Moleculin Announces its Sponsored Research at MD Anderson Cancer Center Has Resulted in the Filing of Patent Protection for New Discovery**

HOUSTON, Sept. 16, 2019 /PRNewswire/ -- Moleculin Biotech, Inc., (Nasdaq: MBRX) ("Moleculin" or the "Company"), a clinical stage pharmaceutical company with a broad portfolio of drug candidates targeting highly resistant tumors, today announced its sponsored research at MD Anderson Cancer Center has resulted in the filing of a new patent on behalf of MD Anderson Cancer Center covering the combination of its immune-stimulating/transcriptional-modulator, WP1066, with well-known immune checkpoint inhibitors.



"We had previously announced preliminary preclinical data showing beneficial therapeutic effect from WP1066 when used in combination with PDL-1 and CTLA-4 immune checkpoint inhibitors in pancreatic cancer models," commented Walter Klemp, Moleculin's Chairman and CEO. "We are pleased to report the filing of a patent on behalf of MD Anderson Cancer Center for this new discovery that opens new potentially effective approaches to utilize checkpoint inhibitors for treatment of pancreatic cancer and other types cancers that are unresponsive to current immunotherapies. These studies were supported by our sponsored research agreement with MD Anderson Cancer Center. Pursuant to the terms of our Sponsored Research Agreement, we intend to add this to our already diverse list of technology licenses."

### **About Moleculin Biotech, Inc.**

Moleculin Biotech, Inc. is a clinical stage pharmaceutical company focused on the development of a broad portfolio of oncology drug candidates for the treatment of highly resistant tumors. The Company's clinical stage drugs are: Annamycin, a Next Generation Anthracycline, designed to avoid multidrug resistance mechanisms with little to no cardiotoxicity being studied for the treatment of relapsed or refractory acute myeloid leukemia, more commonly referred to as AML, WP1066, an Immune/Transcription Modulator capable of inhibiting p-STAT3 and other oncogenic transcription factors while also stimulating a natural immune response, targeting brain tumors, pancreatic cancer and hematologic malignancies, and WP1220, an analog to WP1066, for the topical treatment of

cutaneous T-cell lymphoma. Moleculin is also engaged in preclinical development of additional drug candidates, including additional Immune/Transcription Modulators, as well as compounds capable of Metabolism/Glycosylation Inhibition.

For more information about the Company, please visit <http://www.moleculin.com>.

### **Forward-Looking Statements**

Some of the statements in this release are 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, which involve risks and uncertainties. Forward-looking statements in this press release include, without limitation, the ability of parties acting on behalf of MD Anderson Cancer Center to successfully prosecute the patent application and the ability of WP1066 to show safety and efficacy in combination with immune checkpoint inhibitors in humans. Although Moleculin believes that the expectations reflected in such forward-looking statements are reasonable as of the date made, expectations may prove to have been materially different from the results expressed or implied by such forward-looking statements. Moleculin Biotech 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 only predictions and involve known and unknown risks, uncertainties, and other factors, including those discussed under Item 1A. "Risk Factors" in our most recently filed Form 10-K filed with the Securities and Exchange Commission ("SEC") and updated from time to time in our Form 10-Q filings and in our other public filings with the SEC. Any forward-looking statements contained in this release speak only as of its date. We undertake no obligation to update any forward-looking statements contained in this release to reflect events or circumstances occurring after its date or to reflect the occurrence of unanticipated events. The Company cautions investors not to place undue reliance on the interim results announced today.

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