BioLineRx to Deliver Oral Presentation at ESMO Immuno-Oncology Congress 2019

October 29, 2019

- Proffered paper presentation to highlight new clinical data from a Phase 2a study evaluating BL-8040 in combination with pembrolizumab and chemotherapy in metastatic pancreatic cancer -

TEL AVIV**,** Israel, Oct. 29, 2019 /PRNewswire/ -- BioLineRx Ltd. (NASDAQ: BLRX) (TASE: BLRX), a clinical-stage biopharmaceutical company focused on oncology, announced today that it will deliver a proffered paper (oral) presentation at the European Society of Medical Oncology (ESMO) Immuno-Oncology Congress 2019, which is being held December 11-14 at the Palexpo in Geneva, Switzerland.

Presentation details:

Abstract title: A Multi-Center Phase 2a Trial to Assess the Safety and Efficacy of BL-8040 (a CXCR4 inhibitor) in Combination with Pembrolizumab and Chemotherapy in Patients with Metastatic Pancreatic Adenocarcinoma (PDAC)

Date: Friday, December 13, 2019

Presentation No.: 91O

Lecture time: 11:15-11:30am CET

Location: Room C

About BL-8040

BL-8040 is a short synthetic peptide that functions as a high-affinity best-in-class antagonist for CXCR4, a chemokine receptor over-expressed in many human cancers, where it has been shown to be correlated with poor prognosis, and plays a key role in tumor growth, invasion, angiogenesis, metastasis and therapeutic resistance. CXCR4 is also directly involved in the homing and retention of hematopoietic stem cells (HSCs) and various hematological malignant cells in the bone marrow.

In a number of clinical and pre-clinical studies, BL-8040 has shown a critical role in immune cell trafficking, tumor infiltration by immune effector T cells and reduction in immunosuppressive cells within the tumor niche, turning "cold" tumors, such as pancreatic cancer, into "hot" tumors (i.e., sensitizing them to immune check point inhibitors). BL-8040-mediated inhibition of the CXCR4-CXCL12 (SDF-1) axis has also shown robust mobilization of HSCs for transplantation in hematological malignancies.

BL-8040 was licensed by BioLineRx from Biokine Therapeutics and was previously developed under the name BKT-140.

About BioLineRx

BioLineRx is a clinical-stage biopharmaceutical company focused on multiple oncology indications. The Company's lead program, BL-8040, is a cancer therapy platform currently being evaluated in a Phase 2a study in pancreatic cancer in combination with KEYTRUDA® and chemotherapy under a collaboration agreement with MSD. BL-8040 is also being evaluated in a Phase 2b study in consolidation AML and a Phase 3 study in stem cell mobilization for autologous bone-marrow transplantation. In addition, the Company has an ongoing collaboration agreement with Genentech, a member of the Roche Group, evaluating BL-8040 in combination with Genentech's atezolizumab in two Phase 1b/2 solid tumor studies.

BioLineRx is developing a second oncology program, AGI-134, an immunotherapy treatment for multiple solid tumors that is currently being evaluated in a Phase 1/2a study.

For additional information on BioLineRx, please visit the Company's website at www.biolinerx.com, where you can review the Company's SEC filings, press releases, announcements and events. BioLineRx industry updates are also regularly updated on Facebook, Twitter, and LinkedIn.

Various statements in this release concerning BioLineRx's future expectations constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include words such as "may," "expects," "anticipates," "believes," and "intends," and describe opinions about future events. These forward-looking statements involve known and unknown risks and uncertainties that may cause the actual results, performance or achievements of BioLineRx to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Some of these risks are: changes in relationships with collaborators; the impact of competitive products and technological changes; risks relating to the development of new products; and the ability to implement technological improvements. These and other factors are more fully discussed in the "Risk Factors" section of BioLineRx's most recent annual report on Form 20-F filed with the Securities and Exchange Commission on March 28, 2019. In addition, any forward-looking statements represent BioLineRx's views only as of the date of this release and should not be relied upon as representing its views as of any subsequent date. BioLineRx does not assume any obligation to update any forward-looking statements unless required by law.

Contact:

Tim McCarthy
LifeSci Advisors, LLC
+1-212-915-2564
tim@lifesciadvisors.com

or

Tsipi Haitovsky

Public Relations
+972-52-598-9892
tsipihai5@gmail.com

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