Iovance Biotherapeutics Announces Clinical Trial Updates with Collaborators MD Anderson and Moffitt Cancer Center

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- First Patient Dosed with LN-145 in Phase 2 Trial with MD Anderson for Treatment of Sarcomas and Ovarian Cancer -

- Preliminary Data from Moffitt NSCLC Study to be Presented at the Upcoming 19th World Conference on Lung Cancer in September 2018 -

SAN CARLOS, Calif., Aug. 16, 2018 (GLOBE NEWSWIRE) -- Iovance Biotherapeutics, Inc. (NASDAQ: IOVA), a biotechnology company developing novel cancer immunotherapies based on tumor-infiltrating lymphocyte (TIL) technology, today announced updates from its clinical collaborations with The University of Texas MD Anderson Cancer Center (MD Anderson) and Moffitt Cancer Center (Moffitt). Under the MD Anderson collaboration, the company announced that the first patient was dosed with LN-145 in the Phase 2, multi-arm clinical trial (NCT03449108). The company also announced that preliminary data from an investigator-sponsored Non-Small Cell Lung Cancer (NSCLC) study with Moffitt will be presented at the upcoming IASLC 19th World Conference on Lung Cancer (WCLC) on September 24, 2018 in Toronto, Canada.

“The start of patient dosing in the study at MD Anderson allows for exploration of TIL as a platform for treatment of multiple new solid tumors. Furthermore, this targeted patient population is left with very few treatment options and therefore is an unmet medical need. We are extremely pleased to be collaborating with MD Anderson as we investigate the potential of LN-145 to treat these patients with sarcomas and ovarian cancer,” said Dr. Maria Fardis, PhD, MBA, president and chief executive officer of Iovance Biotherapeutics. “We are also pleased that the preliminary data from the investigator-sponsored study at Moffitt has been accepted for presentation at the upcoming World Lung Conference in September. We look forward to further exploring the possibility of TIL as a potential treatment option for patients with lung cancer.”

The first MD Anderson study will enroll up to 54 patients. The endpoints for the trial are safety and efficacy of Iovance-manufactured LN-145 for the treatment of patients with soft tissue sarcoma, osteosarcoma and platinum-resistant ovarian cancer. The trial utilizes Iovance’s Gen 2 manufacturing process. A second clinical study is also in start-up under the collaboration using TIL manufactured by MD Anderson and using urelumab as a co-stimulatory agent during the manufacturing process. Additional information on this study is available at www.clinicaltrials.gov using the identifier number NCT03610490.

The ongoing investigator-sponsored study in NSCLC is currently underway in collaboration with Moffitt, Stand Up To Cancer, and other collaborators and is designed to allow dosing of the combination of TIL manufactured by Moffitt and nivolumab in NSCLC patients. **An abstract titled,** *Safety and Clinical Activity of Adoptive Cell Transfer Using Tumor Infiltrating Lymphocytes (TIL) Combined with Nivolumab in NSCLC,* has been accepted for presentation at the upcoming WCLC. The full details of the presentation are expected to be released in September. Additional information on this study is available at www.clinicaltrials.gov using the identifier number NCT03215810.

About Iovance Biotherapeutics, Inc.
Iovance Biotherapeutics, Inc. is a clinical-stage biotechnology company focused on the development of cancer immunotherapy products for the treatment of various cancers. The company's lead product candidate is an adoptive cell therapy using tumor-infiltrating lymphocyte (TIL) technology being investigated for the treatment of patients with metastatic melanoma, recurrent and/or metastatic squamous cell carcinoma of the head and neck, recurrent, metastatic or persistent cervical cancer and locally advanced or metastatic non-small cell lung cancer. For more information, please visit http://www.iovance.com.

Forward-Looking Statements
Certain matters discussed in this press release are “forward-looking statements”. We may, in some cases, use terms such as “predicts,” “believes,” “potential,” “continue,” “estimates,” “anticipates,” “expects,” “plans,” “intends,” “may,” “could,” “might,” “will,” “should” or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. In particular, the Company’s statements regarding clinical trials for NSCLC, soft tissue sarcoma, osteosarcoma and platinum-resistant ovarian cancer are examples of such forward-looking statements. The forward-looking statements include, but are not limited to, risks and uncertainties relating to the success, timing, projected enrollment, dosing, and cost of our ongoing clinical trials and anticipated clinical trials for our current product candidates (including both Company-sponsored and collaborator-sponsored trials), such as statements regarding the timing of initiation and completion of these trials; the timing of and our or our collaborator’s ability to obtain and maintain U.S. Food and Drug Administration or other regulatory authority approval of, or other action with respect to, our product candidates; the strength of Company’s product pipeline; the successful implementation of the Company’s research and development programs and collaborations; the success of the Company’s license or development agreements; the acceptance by the market of the Company’s product candidates, if approved; and other factors, including general economic conditions and regulatory developments, not within the Company’s control. The factors discussed herein could cause actual results and developments to be materially different from those expressed in or implied by such statements. A further list and description of the Company’s risks, uncertainties and other factors can be found in the Company’s most recent Annual Report on Form 10-K and the Company's subsequent filings with the Securities and Exchange Commission. Copies of these filings are available online at www.sec.gov or www.iovance.com. The forward-looking statements are made only as of the date of this press release and the Company undertakes no obligation to publicly update such forward-looking statements to reflect subsequent events or circumstances.

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