



FOR IMMEDIATE RELEASE

Compugen Presents Update on COM701 Phase 1 Trial at ASCO-SITC Clinical Immuno-Oncology Symposium

Completion of enrollment of both monotherapy and dual combination dose escalation arms expected in 2019

HOLON, ISRAEL – March 1, 2019 – Compugen Ltd. (NASDAQ: CGEN), a clinical-stage cancer immunotherapy company and leader in predictive target discovery, today announced that its Phase 1 clinical trial evaluating COM701, a first-in-class therapeutic antibody targeting PVRIG, was featured in a trial-in-progress poster at [The ASCO-SITC Clinical Immuno-Oncology Symposium](#). In poster titled “A Phase 1 Study Evaluating COM701 in Patients With Advanced Solid Tumors,” the Company reported that the third single subject dose cohort has been completed with no dose-limiting toxicities (DLTs) reported. Clinical and laboratory assessment for safety and tolerability is ongoing for the fourth dosing cohort. The poster presented at the symposium is available on Compugen’s website.

“We continue to see significant interest in the study from investigators as they recognize the potential and differentiation of COM701 relative to other checkpoint inhibitors in development,” said Henry Adewoye, M.D., Chief Medical Officer at Compugen. “After recently adding Massachusetts General Hospital and the University of Chicago, two additional leading medical centers with significant experience in immuno-oncology, we now have five sites recruiting patients for this Phase 1 study. Patient enrollment is also on track and we expect to complete enrollment of both the monotherapy and dual combination dose escalation arms of the study this year.”

The sites currently recruiting patients are: The START center in San Antonio, Texas; The University of Tennessee West Cancer Center in Memphis, Tennessee; Sarah Cannon Research Institute in Nashville, Tennessee; Massachusetts General Hospital in Boston, Massachusetts; and the University of Chicago in Chicago, Illinois. The study is expected to include up to ten sites and enroll approximately 140 patients.

Updated information on the COM701 Phase 1 clinical study will be next featured in a trial-in-progress poster at [The AACR Annual Meeting 2019](#) taking place March 29-April 3, 2019 at the Georgia World Congress Center, Atlanta, GA.

About the COM701 Phase 1 Study

This Phase 1 open-label clinical trial is designed to assess the safety and tolerability of administering escalating doses of COM701 monotherapy as well as combination administration with a PD-1 inhibitor in patients with advanced solid tumors.

Additionally, the trial will evaluate evidence of preliminary antitumor activity of COM701 as a monotherapy as well as in combination with a PD-1 inhibitor in patients with selected tumor types, including non-small cell lung cancer, ovarian cancer, breast cancer and endometrial cancer. Additional information is available [here](#).

About Compugen

Compugen is a clinical-stage, therapeutic discovery and development company utilizing its broadly applicable predictive discovery infrastructure to identify novel drug targets and develop first-in-class therapeutics in the field of cancer immunotherapy. The Company's therapeutic pipeline consists of immuno-oncology programs against novel drug targets it has discovered, including T cell immune checkpoints and myeloid target programs. Compugen's business model is to selectively enter into collaborations for its novel targets and related drug product candidates at various stages of research and development. The Company is headquartered in Israel with facilities in South San Francisco, CA. Compugen's ordinary shares are listed on Nasdaq and the Tel Aviv Stock Exchange under the ticker symbol CGEN. For additional information, please visit Compugen's corporate website at www.cgen.com.

Forward-Looking Statement

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by the use of terminology such as "will," "may," "expects," "anticipates," "believes," "potential," "plan," "goal," "estimate," "likely," "should," "confident," and "intends," and describe opinions about possible future events. These forward-looking statements involve known and unknown risks and uncertainties that may cause the actual results, performance or achievements of Compugen to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Among these risks: Compugen's business model is substantially dependent on entering into collaboration agreements with third parties and Compugen may not be successful in generating adequate revenues or commercializing aspects of its business model. Moreover, the development and commercialization of therapeutic candidates involve many inherent risks, including failure to progress to clinical trials or, if they progress to or enter clinical trials, failure to receive regulatory approval. These and other factors, including the ability to finance the Company, are more fully discussed in the "Risk Factors" section of Compugen's most recent Annual Report on Form 20-F as filed with the Securities and Exchange Commission (SEC) as well as other documents that may be subsequently filed by Compugen from time to time with the SEC. In addition, any forward-looking

statements represent Compugen'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. Compugen does not assume any obligation to update any forward-looking statements unless required by law.

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