



FOR IMMEDIATE RELEASE

Compugen Presents Update on COM701 Phase 1 Trial at the 2019 AACR Annual Meeting

HOLON, ISRAEL – April 3, 2019 – [Compugen Ltd.](#) (NASDAQ: [CGEN](#)), a clinical-stage cancer immunotherapy company and leader in predictive target discovery, today announced that its ongoing Phase 1 clinical trial evaluating COM701, a first-in-class therapeutic antibody targeting PVRIG, was featured in a trial-in-progress poster at [The 2019 AACR Annual Meeting](#) in Atlanta, GA. In a poster titled “Phase I study of COM701 (a novel checkpoint inhibitor of PVRIG) in patients with advanced solid tumors,” the Company reported that the fifth dose level patient cohort of COM701 monotherapy has been completed and that no dose-limiting toxicities were reported. Clinical and laboratory assessment for safety and tolerability are ongoing for this and earlier dose level patient cohorts. The poster presented at the meeting is available on Compugen’s website.

Patient enrolment and site engagement are on track in accordance with the Company’s plans.

Updated information on the COM701 Phase 1 clinical study will be next featured in a trial-in-progress poster at [The 2019 ASCO Annual Meeting](#) taking place May 31-June 4, 2019 at McCormick Place, Chicago, IL.

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 Bristol-Myers Squibb’s Opdivo[®] in patients with advanced solid tumors. Additionally, the trial will evaluate evidence of preliminary antitumor activity of COM701 as monotherapy as well as in combination with Opdivo in patients with selected tumor types, including non-small cell lung cancer, ovarian cancer, breast cancer and endometrial cancer.

The Phase 1 Study, which is expected to enroll approximately 140 patients, is currently recruiting patients in five sites in the United States: 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. Additional information is available [here](#).

About Compugen

Compugen is a clinical-stage, therapeutic discovery and development company utilizing its broadly applicable computational discovery platforms 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 computationally, including T cell immune checkpoints and other early-stage immuno-oncology programs focused largely on myeloid targets. Compugen's business model is to 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 advance through clinical development or 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.

Company contact:

Elana Holzman

Director, Investor Relations and Corporate Communications

Compugen Ltd.

Email: elanah@cgen.com

Tel: +972 (3) 765-8124

Investor Relations contact:

Burns McClellan, Inc.

Jill Steier

Email: jsteier@burnsmc.com

Tel: 212-213-0006