



FOR IMMEDIATE RELEASE

Compugen to Present Data Update on COM701 Phase 1 Clinical Trial at the 2020 AACR Virtual Annual Meeting

HOLON, ISRAEL, April 14, 2020 – [Compugen Ltd.](#) (Nasdaq: CGEN), a clinical-stage cancer immunotherapy company and a leader in predictive target discovery, today announced that it will present updates on its ongoing Phase 1 clinical trial evaluating COM701, a first-in-class therapeutic antibody targeting PVRIG, for the treatment of advanced solid tumors in an oral presentation at the [2020 American Association for Cancer Research \(AACR\) Virtual Annual Meeting I](#) on April 27, 2020 at 11:45 AM EDT.

The presentation, titled, “COM701 demonstrates preliminary antitumor activity as monotherapy and in combination with nivolumab in patients with advanced solid tumors”, will include updates from the dose escalation arms of COM701 monotherapy and in combination with nivolumab. The presentation will be delivered by Ryan Sullivan, M.D., Assistant Professor, Medicine, Harvard Medical School and Assistant Professor, Hematology/Oncology, Massachusetts General Hospital.

The presentation will be made available on Compugen’s website at www.cgen.com following the conclusion of the presentation.

About COM701

COM701 is a humanized antibody that binds with high affinity to PVRIG, a novel immune checkpoint discovered computationally by Compugen, and blocks the interaction with its ligand, PVRL2. TIGIT, discovered by Compugen’s computational discovery platform in 2009, and PVRIG constitute parallel immune checkpoint pathways that counteract DNAM, a costimulatory molecule on T cells and NK cells. Preclinical data suggest that the blockade of PVRIG induces a robust anti-tumor immune response and demonstrates synergistic activity when used in combination with inhibitors of TIGIT and/or PD-1. Currently, COM701 is being evaluated in a Phase 1 clinical study. Data from the ongoing study have shown that COM701 is well-tolerated and demonstrated preliminary signs of anti-tumor activity in a heavily pretreated patient population.

About Compugen

Compugen is a clinical-stage therapeutic discovery and development company utilizing its broadly applicable, predictive computational discovery platforms to identify novel drug targets and develop

therapeutics in the field of cancer immunotherapy. The Company's lead product candidate, COM701, a first-in-class anti-PVRIG antibody, for the treatment of solid tumors, is undergoing a Phase 1 clinical study. In addition, COM902, Compugen's antibody targeting TIGIT, is in a Phase 1 clinical study. The Company's therapeutic pipeline also includes early stage immuno-oncology programs focused largely on myeloid targets. 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 offices in South San Francisco, CA. Compugen's shares are listed on the 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 Securities Act of 1933 and the Securities Exchange Act of 1934, as amended, and the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are based on the current beliefs, expectations and assumptions of Compugen. 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 similar expressions that are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements include, but are not limited to, statements regarding the fact that Compugen will present updates on its ongoing Phase 1 clinical trial evaluating COM701 on AACR. 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: Presentation of the data and the AACR conference could be affected by the outbreak and spread of the Coronavirus; Compugen's ability to present data derived from collaborations with its partners is dependent in some cases on the agreement of its partners to present such data. These risks and other risks are more fully described in the "Risk Factors" section of Compugen's most recent Annual Report on Form 20-F 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) 765-812

Investor Relations contact:

Bob Yedid

LifeSci Advisors, LLC

Email: bob@lifesciadvisors.com

Tel: +1 (646) 597-6989

Media contact:

Josephine Belluardo, Ph.D.

LifeSci Communications

Email: jo@lifescicomms.com

Tel: +1 (646) 751-4361