



NEWS RELEASE

Artiva Biotherapeutics Announces Presentation of Data from First-in-Human Phase 1/2 Clinical Trial of AB-101 at the 2023 ASCO Annual Meeting

4/26/2024

SAN DIEGO, April 26, 2023 — Artiva Biotherapeutics, Inc., a clinical stage company whose mission is to deliver highly effective, off-the-shelf, allogeneic natural killer (NK) cell-based therapies, announced today that a poster describing initial data from the Phase 1/2 trial of AB-101 will be presented at the 2023 American Society of Clinical Oncology (ASCO) Annual Meeting taking place June 2-6 in Chicago. AB-101 is a non-genetically modified, cord blood-derived, allogeneic, cryopreserved, ADCC-enhancing NK cell being investigated in combination with rituximab for the treatment of relapsed/refractory B-cell non-Hodgkin lymphoma.

Details of the presentation are as follows:

- Title: AB-101, an allogeneic, non-genetically modified, natural killer (NK) cell therapy, evaluated as monotherapy or in combination with rituximab in R/R non-Hodgkin lymphoma.
- Abstract: 7529
- Session: Hematologic Malignancies—Lymphoma and Chronic Lymphocytic Leukemia
- Session Day and Time: Monday, June 5, 8 am to 11 am CT
- Presenter: Thorsten Graef, M.D., Chief Medical Officer, Artiva Biotherapeutics

About AB-101

AB-101 is a non-genetically modified, cord blood-derived, allogeneic, cryopreserved, ADCC-enhancing NK cell

therapy candidate for use in combination with monoclonal antibodies or innate-cell engagers in the out-patient setting. Artiva selects cord blood units with the high affinity variant of the receptor CD16 and a KIR-B haplotype for enhanced product activity. Using the Company's AlloNK™ platform, Artiva can generate thousands of doses of pure, cryopreserved, infusion-ready NK cells from a single umbilical cord blood unit while retaining the high and consistent expression of CD16 and other tumor-engaging receptors, without the need for engineering. We believe this makes AB-101 an optimal adjunct therapy to targeted, ADCC-mechanistic biologics.

Artiva is conducting a Phase 1/2 multicenter clinical trial (ClinicalTrials.gov Identifier: NCT04673617) to assess the safety and clinical activity of AB-101 alone and in combination with the anti-CD20 monoclonal antibody, rituximab, in patients with relapsed or refractory B-cell-non-Hodgkin lymphoma (NHL) who have progressed beyond two or more prior lines of therapy including CAR-T therapy. This study is progressing at multiple clinical sites across the U.S., and AB-101 is administered weekly in the out-patient setting over one-month cycles and with up to four cycles to assess therapeutic efficacy and durability. Artiva is also collaborating with Affimed N.V. in developing a combination therapy, comprised of AB-101 and the Innate Cell Engager AFM13, for the treatment of patients with relapsed/refractory CD30-positive lymphomas.

About Artiva Biotherapeutics

Artiva's mission is to deliver highly effective, off-the-shelf, allogeneic NK cell-based therapies utilizing our Manufacturing-First approach, that are safe and accessible to cancer patients. Artiva's pipeline includes AB-101, an ADCC enhancer NK-cell therapy candidate for use in combination with monoclonal antibodies or innate-cell engagers. Artiva is currently advancing a Phase 1/2 clinical trial of AB-101 in combination with rituximab for the treatment of relapsed or refractory B-cell lymphomas and is also combining AB-101 with Affimed N.V.'s Innate Cell Engager AFM13 for the treatment of patients with relapsed/refractory CD30-positive lymphomas. Artiva's pipeline also includes AB-201, an anti-HER2 CAR-NK cell therapy candidate for the treatment of HER2-overexpressing tumors, such as breast, gastric, and bladder cancers, and for which an IND has been allowed by FDA, and a pipeline of CAR-NK candidates targeting both solid and hematopoietic cancers. Artiva has entered into therapeutic NK cell collaborations with Merck & Co., Inc. and with Affimed N.V. **Artiva's AlloNK™ platform** incorporates cell expansion, activation, and engineering technology developed by Artiva's strategic partner, GC Cell Corporation, a member of the GC family of companies, a leading healthcare company in Korea. Artiva is headquartered in San Diego.

Media: Jessica Yingling, Ph.D., **Little Dog Communications Inc.**, jessica@littldog.com, +1.858.344.8091

Investors: Nicholas Veomett, Ph.D., Artiva Biotherapeutics, ir@artivabio.com