Gamida Cell Presents Data on its NAM-Enabled NK Cell Therapies at Protein & Antibody Engineering Summit (PEGS) Europe

November 4, 2021

BOSTON--(BUSINESS WIRE)--Nov. 4, 2021-- Gamida Cell Ltd. (Nasdaq: GMDA), an advanced cell therapy company committed to cures for cancer and other serious diseases, today announced that Aviad Pato, Ph.D., Head of Immunology Research, presented data on two nicotinamide (NAM)-enabled NK cell therapies, GDA-501 and GDA-301, at the Protein & Antibody Engineering Summit (PEGS) Europe taking place in Barcelona, Spain, and virtually November 2-4, 2021.

The presentation included data from early-stage studies of GDA-501, Gamida Cell's investigational cell therapy comprised of CAR-engineered NK cells designed to enhance homing and activation against cancers with HER2 overexpression such as breast, ovarian, lung, bladder, and gastric cancers. Data were also presented on GDA-301, which combines a CRISPR/Cas9 knockout of the CISH (cytokine inducible SH2 containing protein) gene in NK cells with a membrane-bound IL-15/IL-15Ra CAR, which is designed to improve tumor killing by promoting activation and inhibiting negative feedback signals and has potential application in a range of solid tumors and hematologic malignancies.

Data presented by Gamida Cell demonstrated that the engineered GDA-501 NK enhances potency and cytotoxicity against a HER2-expressing tumor cell line. Data also showed that GDA-301 has cytotoxic activity against a chronic myelogenous leukemia cell line (K562) and a multiple myeloma cell line (RPMI).

"The field of NK cell immunotherapy is advancing beyond what has previously been understood from T cell gene editing," said Yona Geffen, Ph.D., Vice President, Research and Development at Gamida Cell. "We are pleased to share this important update on two key potential therapies in Gamida Cell's robust NK pipeline that show their potential as clinical immunotherapy agents."

The full presentation shared at PEGS Europe is available at www.gamida-cell.com.

About Gamida Cell

Gamida Cell is pioneering a diverse immunotherapy pipeline of potentially curative cell therapies for patients with solid tumor and blood cancers and other serious blood diseases. We apply a proprietary expansion platform leveraging the properties of NAM to allogeneic cell sources including umbilical cord blood-derived cells and NK cells to create therapies with potential to redefine standards of care. These include omidubicel, an investigational product with potential as a life-saving alternative for patients in need of bone marrow transplant, and a line of modified and unmodified NAM-enabled NK cells targeted at solid tumor and hematological malignancies. For additional information, please visit www.gamida-cell.com or follow Gamida Cell on LinkedIn, Twitter, Facebook or Instagram at @GamidaCellTx.

Cautionary Note Regarding Forward Looking Statements

This press release contains forward-looking statements as that term is defined in the Private Securities Litigation Reform Act of 1995, including with respect to timing of initiation and progress of, and data reported from, the clinical trials of Gamida Cell's product candidates, anticipated regulatory filings (including the submission of the BLA for omidubicel to the FDA), commercialization planning efforts, the potentially life-saving or curative therapeutic and commercial potential of omidubicel, and Gamida Cell's expectations regarding its projected cash to be used for operating activities and cash runway. Any statement describing Gamida Cell's goals, expectations, financial or other projections, intentions or beliefs is a forward-looking statement and should be considered an at-risk statement. Such statements are subject to a number of risks, uncertainties and assumptions, including those related to the impact that the COVID-19 pandemic could have on our business, and including the scope, progress and expansion of Gamida Cell's clinical trials and ramifications for the cost thereof; clinical, scientific, regulatory and technical developments; and those inherent in the process of developing and commercializing product candidates that are safe and effective for use as human therapeutics, and in the endeavor of building a business around such product candidates. In light of these risks and uncertainties, and other risks and uncertainties that are described in the Risk Factors section and other sections of Gamida Cell's Annual Report on Form 20-F, filed with the Securities and Exchange Commission (SEC) on March 9, 2021, as amended, and other filings that Gamida Cell makes with the SEC from time to time (which are available at http://www.sec.gov), the events and circumstances discussed in such forward-looking statements may not occur, and Gamida Cell's actual results could differ materially and adversely from those anticipated or implied thereby. Although Gamida Cell's forward-looking statements reflect the good faith judgment of its management, these statements are based only on facts and factors currently known by Gamida Cell. As a result, you are cautioned not to rely on these forward-looking statements.

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