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Anixa Biosciences Announces Issuance of Additional U.S. Patent for Ovarian Cancer Vaccine Technology

SAN JOSE, Calif., July 9, 2025 /PRNewswire/ -- [Anixa Biosciences, Inc.](#) ("Anixa" or the "Company") (NASDAQ: ANIX), a biotechnology company focused on the treatment and prevention of cancer, today announced that the United States Patent and Trademark Office (USPTO) will issue U.S. Patent Number 12,357,593 on July 15, 2025 covering key aspects of its ovarian cancer vaccine technology. The patent includes broad claims related to methods of eliciting an immune response targeting anti-Müllerian hormone receptor, type II (AMHR2), a promising target for ovarian cancer prevention and treatment.

Anixa's ovarian cancer vaccine, being developed in a collaboration between Cleveland Clinic and the National Cancer Institute, represents a novel approach to preventing and treating ovarian cancer, particularly among high-risk populations such as those carrying BRCA mutations or with a family history of the disease.

The patent includes methods of administering an immunogenic composition comprising a nucleic acid encoding the AMHR2 polypeptide, specifically the extracellular domain of human AMHR2, to elicit an AMHR2-specific immune response. This patent was issued to Cleveland Clinic and Anixa exclusively holds the world-wide rights to the patent.

Dr. Amit Kumar, Chairman and CEO of Anixa Biosciences, commented, "The issuance of this patent by the USPTO continues to strengthen broad protection for the various components and delivery mechanisms of our vaccine technology. This patent supports the continued advancement of our program."

About Anixa Biosciences, Inc.

Anixa is a clinical-stage biotechnology company focused on the treatment and prevention of cancer. Anixa's therapeutic portfolio consists of an ovarian cancer immunotherapy program being developed in collaboration with Moffitt Cancer Center, which uses a novel type of CAR-T, known as chimeric endocrine receptor-T cell (CER-T) technology. This technology is differentiated from other cell therapies as the natural ligand of the FSHR receptor, FSH, binds to the FSHR receptor on the tumor cell instead of an antibody fragment. Moffitt is a world leader in cancer immunotherapy treatments, pioneering next-generation cell therapies

such as CAR-T, and tumor infiltrating lymphocytes (TILs) to harness the power of the immune system. The Company's vaccine portfolio includes vaccines being developed in collaboration with Cleveland Clinic to treat and prevent breast cancer and ovarian cancer, as well as additional cancer vaccines to address many intractable cancers, including high incidence malignancies in lung, colon, and prostate. These vaccine technologies focus on immunizing against "retired" proteins that have been found to be expressed in certain forms of cancer. The breast and ovarian cancer vaccines were developed at Cleveland Clinic and exclusively licensed to Anixa. Cleveland Clinic is entitled to royalties and other commercialization revenues from the Company related to these vaccine technologies. Anixa's unique business model of partnering with world-renowned research institutions on all stages of development allows the Company to continually examine emerging technologies in complementary fields for further development and commercialization. To learn more, visit www.anixa.com or follow Anixa on [LinkedIn](#), [X](#), [Facebook](#) and [YouTube](#).

Forward-Looking Statements

Statements that are not historical fact may be considered forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are not statements of historical facts, but rather reflect Anixa's current expectations concerning future events and results. We generally use the words "believes," "expects," "intends," "plans," "anticipates," "likely," "will" and similar expressions to identify forward-looking statements. Such forward-looking statements, including those concerning our expectations, involve risks, uncertainties and other factors, some of which are beyond our control, which may cause our actual results, performance or achievements, or industry results, to be materially different from any future results, performance, or achievements expressed or implied by such forward-looking statements. These risks, uncertainties and factors include, but are not limited to, those factors set forth in "Item 1A - Risk Factors" and other sections of our most recent Annual Report on Form 10-K as well as in our Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. You are cautioned not to unduly rely on such forward-looking statements when evaluating the information presented in this press release.

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