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Cleveland Clinic to Present Final Results of Phase 1 Clinical Trial for Anixa Biosciences' Breast Cancer Vaccine at 2025 San Antonio Breast Cancer Symposium

Phase 1 Data Highlights Potential of First-in-Class Vaccine to Transform Breast Cancer Treatment and Prevention

Comprehensive Results, Supported by U.S. Department of Defense Funding, to Inform FDA Discussions and Advance Phase 2 Development Plans

SAN JOSE, Calif., Sept. 22, 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 final results from the Phase 1 clinical trial of its breast cancer vaccine will be presented at the 2025 San Antonio Breast Cancer Symposium (SABCS) on Thursday, December 11, 2025.

The trial, conducted at Cleveland Clinic and funded by a grant from the U.S. Department of Defense, evaluated the safety and immunogenicity of an alpha-lactalbumin (aLA) vaccine for breast cancer. The presentation, titled *"Final Results of a Phase I Trial of alpha-lactalbumin (aLA) Vaccine for Breast Cancer,"* will be delivered by Justin Johnson, Ph.D., Program Manager at Cleveland Clinic and co-inventor of the vaccine technology.

With the trial now complete and comprehensive analyses of blood and tissue samples underway, this presentation at SABCS will represent the most detailed data release to date. A full report of the findings will also be submitted to the U.S. Department of Defense, which funded the study, and separately to the U.S. Food and Drug Administration (FDA) to inform upcoming Phase 2 planning discussions.

Presentation Details:

- **Abstract Number:** 765

- **Presentation Number:** PS4-06-19
- **Presentation Title:** Final Results of a Phase I Trial of an Alpha-lactalbumin (aLA) Vaccine for Breast Cancer
- **Poster Presentation:** Thursday, December 11, 2025, 5:00–6:30 PM CST

"We are very encouraged by the data generated in this human clinical trial, which continues to exceed our expectations," stated Dr. Amit Kumar, Chairman and CEO of Anixa Biosciences. "This vaccine builds on decades of pioneering preclinical work led by the late Vincent Tuohy, Ph.D. and his team at Cleveland Clinic. His visionary research, has brought us to this pivotal moment—one that has the potential to transform the future of breast cancer prevention and treatment."

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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