



Kairos Pharma Announces New Department of Defense Funding for Research of ENV205

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LOS ANGELES--(BUSINESS WIRE)-- Kairos Pharma, Ltd. (NYSE American: KAPA), a clinical-stage biopharmaceutical company, announces that through its academic partnership with Cedars-Sinai Medical Center, Cedars-Sinai has received \$600,000 in funding from the Department of Defense Lung Cancer Research Program to advance the development of ENV205, a groundbreaking new drug to treat chemotherapy drug resistance and cachexia.

This funding will accelerate the Company's research efforts to develop ENV205, a first-in-class therapy designed to reverse chemotherapy drug resistance, counteract muscle loss, improve strength, and enhance the effectiveness of existing cancer treatments. By targeting key pathways that drive cachexia, Kairos seeks to develop ENV205 to provide a much-needed solution to help patients maintain their health and resilience throughout cancer therapy. The Company has long been partnering with Cedars-Sinai in its research and development of ENV205.

Neil Bhowmick, Kairos Pharma's Chief Scientific Officer, stated, "We are grateful to our supporters and collaborators who share our vision of improving outcomes for cancer patients worldwide. We look forward to collaborating with the Department of Defense to advance this promising new therapy toward clinical trials."

Dr. John Yu, Kairos Pharma's Chief Executive Officer, added, "Developing our therapeutics through non-dilutive federal funding has been a hallmark of Kairos's success in drug development and underscores the excellence of our scientific team."

Cachexia is a severe muscle-wasting condition that affects over half of cancer patients and significantly impacts quality of life, treatment tolerance, and survival. It is a complex metabolic syndrome characterized by involuntary weight loss, muscle atrophy, and systemic inflammation, which currently lacks effective treatment options.

About Kairos Pharma Ltd.

Based in Los Angeles, California, Kairos Pharma Ltd. ([NYSE American: KAPA](#)) is at the forefront of oncology therapeutics, utilizing structural biology to overcome drug resistance and immune suppression in cancer. Our lead candidate, ENV105, is an antibody that targets CD105 – a protein identified as a key driver of resistance to various

cancer treatments. Elevation of CD105 in response to standard therapy results in resistance and disease relapse. ENV105 aims to reverse drug resistance by targeting CD105 and restore the effectiveness of standard therapies across multiple cancer types. Currently, ENV105 is in a Phase 2 clinical trial for castrate-resistant prostate cancer and a Phase 1 trial for lung cancer aimed at addressing significant unmet medical needs. For more information, visit kairospharma.com.

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS

This press release contains “forward-looking statements” as defined in the Private Securities Litigation Reform Act of 1995. You can identify forward-looking statements as those that are not historical in nature, particularly those that use terminology such as “may,” “should,” “expects,” “anticipates,” “contemplates,” “estimates,” “believes,” “plans,” “projected,” “predicts,” “potential” or “hopes” or the negative of these or similar terms. The reader is cautioned not to rely on these forward-looking statements. If underlying assumptions prove inaccurate, or known or unknown risks or uncertainties materialize, actual results could vary materially from the expectations and projections of Kairos Pharma. We base these forward-looking statements on our expectations and projections about future events, which we derive from the information currently available to us. Such forward-looking statements relate to future events or our future performance. In evaluating these forward-looking statements, you should consider various factors, including: our expectations regarding the success and/or completion of our Phase 1 and Phase 2 clinical trials; our success in completing newly initiated clinical trials, commence new trials, and obtain regulatory approval following the conclusion of such trials; challenges and uncertainties inherent in product research and development; and the uncertainty regarding future commercial success. These and other factors may cause our actual results to differ materially from any forward-looking statement. Forward-looking statements are only predictions. The forward-looking statements discussed in this press release and other statements made from time to time by us or our representatives, may not occur, and actual events and results may differ materially and are subject to risks, uncertainties and assumptions about us, including those described in Kairos Pharma’s prospectus filed with the SEC. We are not obligated to publicly update or revise any forward-looking statement, and Kairos Pharma is not required to update any forward-looking statement as a result of new information or future events or developments, except as required by U.S. federal securities laws.

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