ORIC® Pharmaceuticals Announces ORIC-944 Preclinical Presentation at the 2025 American Association for Cancer Research (AACR) Annual Meeting

March 25, 2025 at 4:30 PM EDT

SOUTH SAN FRANCISCO, Calif. and SAN DIEGO, March 25, 2025 (GLOBE NEWSWIRE) -- ORIC Pharmaceuticals, Inc. (Nasdaq: ORIC), a clinical stage oncology company focused on developing treatments that address mechanisms of therapeutic resistance, today announced that a preclinical abstract highlighting the potential of ORIC-944, a potent and selective allosteric inhibitor of PRC2 to treat prostate cancer, has been accepted for poster presentation at the 2025 American Association for Cancer Research (AACR) Annual Meeting taking place April 25-30, 2025 in Chicago, IL.

Poster presentation details:

Title:	ORIC-944, a PRC2 inhibitor with best-in-class properties, restores luminal features and restricts adaptation in prostate cancer models, conferring synergy with AR pathway inhibitors
Abstract Number:	452
Date & Time:	Sunday, April 27, 2025, 2:00 – 5:00 p.m. CT
Session Category:	Experimental and Molecular Therapeutics
Session Title:	Epigenetic Targets
Location:	Poster Section 20

Abstract Highlights

ORIC-944 is a potent, highly selective, orally bioavailable, allosteric inhibitor of PRC2 that demonstrates best-in-class drug properties, including potency, solubility, and pharmacokinetics, with half-life supporting once daily dosing. In preclinical prostate cancer models, ORIC-944 demonstrated robust inhibition of PRC2, enhanced luminal cell state, and increased androgen receptor (AR) signaling. Analysis of chromatin revealed that ORIC-944 specifically restricts accessibility to lineage-associated transcription factors known to impart cellular plasticity in prostate cancer. This plasticity-restricted luminal state conferred by PRC2 inhibition is dependent on AR, leading to antitumor activity either in the hormone-depleted context or in the combination setting with an AR pathway inhibitor (ARPI). Together these data indicate that ORIC-944 reinforces a luminal cell state and, notably, restricts access to plasticity genes leading to a highly AR-dependent state in prostate models. This mechanism supports the observed preclinical synergy between PRC2 inhibition and ARPIs in both ARPI-sensitive and ARPI-resistant settings. These results position ORIC-944 as a potential best-in-class PRC2 inhibitor that blocks prostate tumor adaptation, restores luminal features, and sensitizes tumors to ARPIs. A phase 1b trial of ORIC-944 in combination with ARPIs is ongoing in metastatic prostate cancer (NCT05413421).

All regular abstracts are available for viewing via AACR's online itinerary planner located, here.

About ORIC Pharmaceuticals, Inc.

ORIC Pharmaceuticals is a clinical stage biopharmaceutical company dedicated to improving patients' lives by *Overcoming Resistance In Cancer.* ORIC's clinical stage product candidates include (1) ORIC-944, an allosteric inhibitor of the polycomb repressive complex 2 (PRC2) via the EED subunit, being developed for prostate cancer, and (2) ORIC-114, a brain penetrant inhibitor that selectively targets EGFR exon 20, HER2 exon 20 and EGFR atypical mutations, being developed across multiple genetically defined cancers. Beyond these two product candidates, ORIC® is also developing multiple precision medicines targeting other hallmark cancer resistance mechanisms. ORIC has offices in South San Francisco and San Diego, California. For more information, please go to www.oricpharma.com, and follow us on X or LinkedIn.

Cautionary Note Regarding Forward-Looking Statements

This press release contains forward-looking statements as that term is defined in Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Statements in this press release that are not purely historical are forward-looking statements. Such forward-looking statements include, among other things, statements regarding the continued clinical development of ORIC-944; statements regarding the potential best-in-class properties of ORIC-944; the potential advantages of ORIC-944 and ORIC's other programs; and plans underlying ORIC's clinical trials and development. Words such as "believes," "anticipates," "plans," "expects," "intends," "will," "goal," "potential" and similar expressions are intended to identify forward-looking statements. The forward-looking statements contained herein are based upon ORIC's current expectations and involve assumptions that may never materialize or may prove to be incorrect. Actual results could differ materially from those projected in any forward-looking statements due to numerous risks and uncertainties, including but not limited to: risks associated with the process of discovering, developing and commercializing drugs that are safe and effective for use as human therapeutics and operating as an early clinical stage company; ORIC's ability to develop, initiate or complete preclinical studies and clinical trials for, obtain approvals for and commercialize any of its product candidates; changes in ORIC's plans to develop and commercialize its product candidates; the potential for clinical trials of ORIC's product candidates to differ from preclinical, initial, interim, preliminary or expected results; negative impacts of health emergencies, economic instability or international conflicts on ORIC's operations, including clinical trials; the risk of the occurrence of any event, change or other circumstance that could give rise to the termination of ORIC's license and collaboration agreements or its clinical trial collaboration and supply agreements; the potential market for ORIC's product candidates, and the progress and success of competing therapeutics currently available or in development; ORIC's ability to raise any additional funding it will need to continue to pursue its business and product development plans; regulatory developments in the United States and foreign countries; ORIC's reliance on third parties, including contract manufacturers and contract research organizations; ORIC's ability to obtain and maintain intellectual property protection for its product candidates; the loss of key scientific or management personnel; competition in the industry in which ORIC operates; general economic and market conditions; and other risks. Information regarding the foregoing and additional risks may be found in the section titled "Risk Factors" in ORIC's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "SEC") on February 18, 2025, and ORIC's future reports to be filed with the SEC. These forward-looking statements are made as of the date of this press release, and ORIC

assumes no obligation to update the forward-looking statements, or to update the reasons why actual results could differ from those projected in the forward-looking statements, except as required by law.

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