BBOT Presents Preclinical Data Demonstrating pan-KRAS Inhibitor BBO-11818 Has Robust Anti-Tumor Activity in KRAS-Mutant Preclinical Models at the AACR Annual Meeting 2026

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BBO-11818 targets KRAS in both its ON (active GTP-bound) and OFF (inactive GDP-bound) states, potently suppressing MAPK signaling and inhibiting cell proliferation in KRAS-mutant cell lines

BBO-11818 demonstrates robust anti-tumor activity as monotherapy and in combination across KRAS-mutant tumor models

Updated Phase 1 clinical data are expected in the second half of 2026

SOUTH SAN FRANCISCO, Calif., April 22, 2026 (GLOBE NEWSWIRE) -- BridgeBio Oncology Therapeutics, Inc. ("BBOT") (Nasdaq: BBOT), a clinical-stage biopharmaceutical company focused on RAS-pathway malignancies, today presented new preclinical data for BBO-11818, a selective, orally bioavailable non-covalent inhibitor that targets mutant KRAS in both the ON (active GTP-bound) and OFF (inactive GDP-bound) states with robust anti-tumor activity in KRAS-mutant preclinical models. The data underscore BBO-11818's differentiated activity across multiple KRAS-mutant cancer types. The data were presented at the American Association for Cancer Research (AACR) Annual Meeting 2026.

"BBO-11818 addresses a significant unmet need by targeting multiple KRAS variants for which no approved therapies exist, including $KRAS^{G12D}$ and $KRAS^{G12V}$," said Pedro J. Beltran, PhD, Chief Scientific Officer of BBOT. "Its ability to inhibit KRAS in both its inactive and active states drives potent tumor regressions in pancreatic, lung, and colorectal cancer models — and its efficacy is meaningfully amplified in combination with BBO-10203, cetuximab, and anti-PD-1, underscoring its potential as a combination backbone in KRAS-mutant cancers."

Highlights from the poster include:

- BBO-11818 potently inhibits ERK phosphorylation and proliferation in KRAS-dependent cell lines *in vitro*.
- BBO-11818 demonstrates robust efficacy in $KRAS^{G12D}$ and $KRAS^{G12V}$ CDX models.
- BBO-11818 exhibits *in vivo* combination effect with BBO-10203, a RAS:PI3Kα breaker, and cetuximab in KRAS-mutant CDX and PDX models.
- BBO-11818 also shows combination benefit with anti-PD-1 treatment, resulting in complete tumor regressions and the induction of an adaptive immune response in the CT26 syngeneic model.

The presentation is titled "*BBO-11818: an orally bioavailable, highly potent and selective non-covalent pan-KRAS (ON) and (OFF) inhibitor with robust anti-tumor activity in KRAS-mutant preclinical models*." A copy of the poster will be available on the "Publications" page of the BBOT website following the conference.

About BBO-11818
BBO-11818 is a selective, orally bioavailable non-covalent inhibitor that targets KRAS in both the ON and OFF states, has high selectivity over HRAS and NRAS, and displays strong activity in KRAS-mutant preclinical models, including $KRAS^{G12D}$ and $KRAS^{G12V}$. In addition, it potently suppresses MAPK signaling and inhibits cell proliferation in KRAS-mutant cell lines. BBO-11818 is currently being evaluated in the Phase 1 KONQUER-101 trial in subjects with locally advanced unresectable or metastatic KRAS-mutant solid tumors.

About BBOT
BBOT is a clinical-stage biopharmaceutical company advancing a next-generation pipeline of novel small molecule therapeutics targeting RAS and PI3Kα malignancies. BBOT has the goal of improving outcomes for patients with cancers driven by the two most prevalent oncogenes in human tumors. For more information, please visit www.bbotx.com and follow us on LinkedIn.

Forward-Looking Statements
This press release contains forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995, as amended, and other federal securities laws. Any statements in this press release that are not historical facts may be deemed forward-looking statements, which generally are accompanied by words such as "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "should," "would," "plan," "predict," "potential," "seem," "seek," "future," "outlook" and similar expressions that predict or indicate future events or trends. These statements are based on various assumptions, whether or not identified in this press release, and are the current expectations of BBOT's management and are not predictions of actual performance. Many actual events and circumstances are beyond the control of BBOT. These forward-looking statements are subject to a number of risks and uncertainties, including changes in domestic and foreign business, market, financial, political, and

legal conditions; risks related to the timing of expected regulatory and business milestones, including the progress of enrollment in clinical trials and availability of data from ongoing and planned clinical trials; and those factors discussed in documents BBOT has filed or will file with the U.S. Securities and Exchange Commission.

In addition, forward-looking statements reflect BBOT's expectations, plans, or forecasts of future events and views as of the date of this press release and are qualified in their entirety by reference to the cautionary statements herein. BBOT anticipates that subsequent events and developments will cause BBOT's assessments to change. These forward-looking statements should not be relied upon as any guarantee, assurance, prediction or definitive statement of fact or probability or as representing BBOT's assessments as of any date subsequent to the date of this press release. Neither BBOT, nor any of its affiliates undertake any obligation to update these forward-looking statements, except as required by law.

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