



Monte Rosa Therapeutics Announces First Patient Dosed in Phase 1/2 Clinical Trial Evaluating MRT-2359, a GSPT1-directed Molecular Glue Degradator, for Treatment of MYC-driven Tumors

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BOSTON, Nov. 01, 2022 (GLOBE NEWSWIRE) -- [Monte Rosa Therapeutics, Inc.](#) (NASDAQ: GLUE), a biotechnology company developing novel molecular glue degrader (MGD)-based medicines, today announced the company has dosed the first patient in its Phase 1/2 clinical trial evaluating MRT-2359 for the treatment of MYC-driven solid tumors, including lung cancer. MRT-2359 is a potent, selective and orally bioavailable GSPT1-directed MGD, designed to disrupt protein synthesis in MYC-driven tumors, and lead to anti-tumor activity.

"MYC transcription factors are well-defined drivers of human cancers, and disrupting protein translation has emerged as a promising path to address this highly prevalent disease pathway. Dosing the first patient is a significant milestone in developing MRT-2359 as a therapeutic option for MYC-driven cancers," said Filip Janku, M.D., Ph.D., Chief Medical Officer of Monte Rosa. "We have designed our Phase 1 trial to move efficiently through dose escalation and, by focusing on tumor types where MYC expression is prevalent, to improve our chances of seeing early signals of clinical activity. We are encouraged by the strong preclinical data and hope that MRT-2359 will make a meaningful difference in the lives of patients."

The Phase 1/2, open-label, multicenter study will primarily assess the safety, tolerability, pharmacokinetic (PK), pharmacodynamic (PD) and preliminary clinical activity of MRT-2359 in patients with previously treated selected solid tumors, including non-small cell lung cancer (NSCLC), small cell lung cancer (SCLC), high-grade neuroendocrine cancer of any primary site, diffuse large B-cell lymphoma (DLBCL) and solid tumors with L-MYC or N-MYC amplification. In the Phase 1 portion of the study, patients will receive escalating doses of MRT-2359 to determine the maximum tolerated dose (MTD) and recommended Phase 2 dose (RP2D). Once the RP2D is determined, the anti-tumor activity of MRT-2359 will be assessed as part of the Phase 2 portion of the study, which includes molecular biomarkers for stratification and selection.

To learn more about the MRT-2359 clinical trial, visit [clinicaltrials.gov](#) (Identifier: [NCT05546268](#)).

About MRT-2359

MRT-2359 is a potent, selective and orally bioavailable molecular glue degrader (MGD) that induces the interaction between the E3 ubiquitin ligase component cereblon (CRBN) and the translation termination factor GSPT1, leading to the targeted degradation of GSPT1 protein. The MYC transcription factors (c-MYC, L-MYC and N-MYC) are well-established drivers of human cancers that maintain high levels of protein translation, which is critical for uncontrolled cell proliferation and tumor growth. Our preclinical studies have shown that this addiction to MYC-induced protein translation creates a dependency on GSPT1. MRT-2359 exploits this vulnerability by inducing degradation of GSPT1, disrupting protein synthesis preferentially in MYC-driven cell lines and leading to anti-tumor activity in MYC-driven tumor models. Our ongoing Phase 1/2 clinical study aims to evaluate the safety, tolerability and anti-tumor activity of MRT-2359.

About Monte Rosa

Monte Rosa Therapeutics is a biotechnology company developing a portfolio of novel molecular glue degrader (MGD) medicines. These medicines are designed to employ the body's natural mechanisms to selectively eliminate therapeutically relevant proteins. The company has developed a proprietary protein degradation platform, called QuEEN™ (Quantitative and Engineered Elimination of Neosubstrates), that enables it to rapidly identify protein targets and MGD product candidates that are designed to eliminate therapeutically relevant proteins in a highly selective manner. The company's drug discovery platform combines diverse and proprietary chemical libraries of small molecule protein degraders with in-house proteomics, structural biology, AI/machine learning-based target selection, and computational chemistry capabilities to predict and obtain protein degradation profiles. For more information, visit [www.monterosatx.com](#).

Forward-Looking Statements

This communication includes express and implied "forward-looking statements," including forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward looking statements include all statements that are not historical facts, and in some cases, can be identified by terms such as "may," "might," "will," "could," "would," "should," "expect," "intend," "plan," "objective," "anticipate," "believe," "estimate," "predict," "potential," "continue," "ongoing," or the negative of these terms, or other comparable terminology intended to identify statements about the future. Forward-looking statements contained in herein include, but are not limited to, statements about our product development activities, including our expectations around MRT-2359, the ongoing development of our QuEEN™ platform and the advancement of our pipeline and the various products therein, our expectations of timing of our clinical trial for MRT-2359, our ability to initiate and the timing of initiation of additional lead optimization programs, and our expectations regarding our ability to nominate and the timing of our nominations of additional development candidates. By their nature, these statements are subject to numerous risks and uncertainties, including the impact that the current COVID-19 pandemic will have on our development activities and operations, as well as those risks and uncertainties set forth in our most recent Quarterly Report on Form 10-Q and Annual Report on Form 10-K for the year ended December 31, 2021 filed with the US Securities and Exchange Commission, and any subsequent filings, that could cause actual results, performance or achievement to differ materially and adversely from those anticipated or implied in the statements. You should not rely upon forward looking statements as predictions of future events. Although our management believes that the expectations reflected in our statements are reasonable, we cannot guarantee that the future results, performance or events and circumstances described in the forward-looking statements will be achieved or occur. Recipients are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date such statements are made and should not be construed as statements of fact. We undertake no obligation to publicly update any forward-looking statements, whether as a result of new information, any future presentations or otherwise, except as required by applicable law. Certain information contained in these materials and any statements made orally during any presentation of these materials that relate to the materials or are based on studies, publications, surveys and other data obtained from third-party sources and our own internal estimates and research. While we believe these third-party studies, publications, surveys and other data to be reliable as of the date of these materials, we have not independently verified, and make no representations as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, no independent source has evaluated the reasonableness or accuracy of our internal estimates or research and no

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