Bicycle Therapeutics Announces Publication of Article in the Journal of Medicinal Chemistry Highlighting Preclinical Data from BT8009 Program

October 10, 2022

CAMBRIDGE, England & BOSTON--(BUSINESS WIRE)--Oct. 10, 2022-- Bicycle Therapeutics plc (NASDAQ:BCYC), a biotechnology company pioneering a new and differentiated class of therapeutics based on its proprietary bicyclic peptide (*Bicycle*®) technology, today announced that an article highlighting preclinical data from BT8009, a Nectin-4 targeting *Bicycle* Toxin Conjugate, was published in the *Journal of Medicinal Chemistry*. The article, titled "Discovery of BT8009: a Nectin-4 Targeting Bicycle® Toxin Conjugate for the Treatment of Cancer" is available at the publications section of the Bicycle website at this link.

"The pre-clinical data published in the *Journal of Medicinal Chemistry* describe the discovery of our clinical-stage *Bicycle* Toxin Conjugate candidate targeting Nectin-4 expressing tumors," said Nicholas Keen, Ph.D., Chief Scientific Officer of Bicycle Therapeutics. "Together with our study published recently in *Molecular Cancer Therapeutics*, these articles describe the preclinical work supporting the development of BT8009, which we are currently evaluating in a Phase I/II clinical trial across a number of solid tumor cancers. Nectin-4 is a validated tumor antigen target and we are excited to develop a novel approach to Nectin-4 expressing tumors."

About Bicycle Therapeutics

Bicycle Therapeutics (NASDAQ: BCYC) is a clinical-stage biopharmaceutical company developing a novel class of medicines, referred to as *Bicycles*, for diseases that are underserved by existing therapeutics. Bicycles are fully synthetic short peptides constrained with small molecule scaffolds to form two loops that stabilize their structural geometry. This constraint facilitates target binding with high affinity and selectivity, making Bicycles attractive candidates for drug development. Bicycle is evaluating BT5528, a second-generation Bicycle Toxin Conjugate (BTC®) targeting EphA2; BT8009, a second-generation BTC targeting Nectin-4, a well-validated tumor antigen; and BT7480, a Bicycle TICA® targeting Nectin-4 and agonizing CD137, in company-sponsored Phase I/II trials. In addition, BT1718, a BTC that targets MT1-MMP, is being investigated in an ongoing Phase I/IIa clinical trial sponsored by the Cancer Research UK Centre for Drug Development. Bicycle is headquartered in Cambridge, UK, with many key functions and members of its leadership team located in Lexington, MA. For more information, visit bicycletherapeutics.com.

Forward-Looking Statements

This press release may contain forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "aims," "anticipates," "believes," "could," "estimates," "expects," "forecasts," "goal," "intends," "may," "plans," "possible," "potential," "seeks," "will" and variations of these words or similar expressions that are intended to identify forward-looking statements, although not all forward-looking statements contain these words. Forward-looking statements in this press release include, but are not limited to, statements regarding the potential of BT8009 to target and kill cancer tumor cells. Bicycle may not actually achieve the intentions or expectations disclosed in these forward-looking statements, and you should not place undue reliance on these forward-looking statements. Actual results or events could differ materially from the intentions and expectations disclosed in these forward-looking statements as a result of various factors, including: whether the outcomes of preclinical studies will be predictive of clinical trial results the risk that trials and studies may be delayed and may not have satisfactory outcomes; and other important factors, any of which could cause Bicycle's actual results to differ from those contained in the forward-looking statements, are described in greater detail in the section entitled "Risk Factors" in Bicycle's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (SEC) on August 4, 2022, as well as in other filings Bicycle may make with the SEC in the future. Any forward-looking statements contained in this press release speak only as of the date hereof, and Bicycle expressly disclaims any obligation to update any forward-looking statements contained herein, whether because of any new information, future events, changed circumstances or otherwise, except as otherwise required by law.

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Investors:
David Borah, CFA
VP, Capital Markets & Investor Relations
david.borah@bicycletx.com
617-203-8300

Media:
Argot Partners
Sarah Sutton
bicycle@argotpartners.com
212-600-1902

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