Cue Biopharma to Present Corporate Overview and Update on Clinical Development Progress for CUE-101 at the Cantor 2019 Global Healthcare Conference

October 2, 2019

CAMBRIDGE, Mass., Oct. 02, 2019 (GLOBE NEWSWIRE) -- Cue Biopharma, Inc. (NASDAQ: CUE), a clinical-stage biopharmaceutical company engineering a novel class of injectable biologics to selectively engage and modulate targeted T cells within the body, announced today that it will present at the Cantor 2019 Global Healthcare Conference on Wednesday, October 2, 2019 at 4:10 p.m. ET in New York City.

Daniel Passeri, president and chief executive officer of Cue Biopharma, will provide a corporate overview and update on the clinical development progress for the Company's lead program CUE-101, which is currently being tested in a Phase 1 clinical trial for the treatment of HPV16-driven recurrent or metastatic head and neck squamous cell carcinoma (HNSCC). His presentation will also include an update on the Company's Immuno-STAT ™*(Selective Targeting and Alteration of T cells)* platform and pipeline progress for the IL-2 based CUE-100 series, as well as anticipated corporate development milestones. A live and archived version of the webcast will be available at http://wsw.com/webcast/cantor10/cue/. The presentation will be archived for 90 days on the Investors section of the Company's website at https://www.cuebiopharma.com/investors-media/events-presentations/.

About CUE-100 Series
Product candidates developed within the CUE-100 series are designed to selectively target tumor-specific T cells peptide-MHC complexes (pMHC) in combination with interleukin 2 (IL-2), which together are critical to the activation, expansion and survival of T cells. The binding affinity of IL-2 for its receptor has been attenuated to achieve preferential selective activation of tumor-specific T cells without broad systemic activation, potentially mitigating the dose-limiting toxicities associated with current IL-2-based therapies.

The lead program from the CUE-100 series, CUE-101, contains IL-2 and a pMHC composed of HLA-A*02:01 complexed with a dominant peptide derived from the human papilloma virus 16 E7 protein (HPV16-E7). The drug is a fusion protein biologic designed to target and activate antigen-specific T cells to attack HPV-driven cancers.

About Immuno-STAT
Immuno-STAT biologics are designed for targeted modulation of disease-associated T cells in the areas of immuno-oncology and autoimmune disease. Each of our biologic drugs is designed using our proprietary scaffold comprising: 1) a peptide-MHC complex (pMHC) to provide selectivity through the pMHC T cell receptor (TCR) interaction, and 2) a unique co-stimulatory signaling molecule to modulate the activity of the target T cells.

The simultaneous engagement of co-stimulatory molecules and pMHC binding mimics the signals delivered by antigen presenting cells (APCs) to T cells during a natural immune response. This design enables Immuno-STAT biologics to engage with the T cell population of interest, resulting in highly targeted T cell modulation. Because our drugs are delivered in vivo, they are fundamentally different from other T cell therapeutic approaches, which require the patients' T cells to be extracted, then stimulated and expanded outside the body (ex vivo) and reinfused in an activated state.

About Cue Biopharma
Cue Biopharma, a clinical-stage biopharmaceutical company, is engineering a novel class of injectable biologics to selectively engage and modulate targeted T cells within the body to transform the treatment of cancer and autoimmune diseases. The company's proprietary platform, Immuno-STAT ™*(Selective Targeting and Alteration of T cells),* is designed to harness the body's intrinsic immune system without the need for ex vivo manipulation.

Headquartered in Cambridge, Massachusetts, we are led by an experienced management team and independent Board of Directors with deep expertise in the design and clinical development of protein biologics, immunology and immuno-oncology.

For more information, visit www.cuebio.com and follow us on Twitter https://twitter.com/CueBiopharma.

Forward-Looking Statements
This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, that are intended to be covered by the "safe harbor" created by those sections. Forward-looking statements, which are based on certain assumptions and describe our future plans, strategies and expectations, can generally be identified by the use of forward-looking terms such as "believe," "expect," "may," "will," "should," "would," "could," "seek," "intend," "plan," "goal," "project," "estimate," "anticipate," "strategy," "future," "likely" or other comparable terms. All statements other than statements of historical facts included in this press release regarding our strategies, prospects, financial condition, operations, costs, plans and objectives are forward-looking statements. Examples of forward-looking statements include, among others, statements we make regarding anticipated results of our drug development efforts, including study results, our expectations regarding regulatory developments and expected future operating results. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, our limited operating history, limited cash and a history of losses; our ability to achieve profitability; our ability to secure required U.S. Food and Drug Administration ("FDA") or other governmental approvals for our product candidates and the breadth of any approved indication; negative or inconclusive results from our clinical studies or serious and unexpected drug-related side effects or other safety issues experienced by participants in our clinical trials; delays and

changes in regulatory requirements, policy and guidelines including potential delays in submitting required regulatory applications to the FDA; our reliance on licensors, collaborations and strategic alliances; our ability to obtain adequate financing to fund our business operations in the future; and the other risks and uncertainties described in the Risk Factors and in Management's Discussion and Analysis of Financial Condition and Results of Operations sections of our most recently filed Annual Report on Form 10-K and any subsequently filed Quarterly Report(s) on Form 10-Q. Any forward-looking statement made by us in this press release is based only on information currently available to us and speaks only as of the date on which it is made. We undertake no obligation to publicly update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise.

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