Black Diamond Therapeutics to Present Preclinical Data on its Lead Product Candidate BDTX-189 at the European Society for Medical Oncology 2019

September 26, 2019

CAMBRIDGE, Mass., and NEW YORK, NY, *September 26, 2019* – Black Diamond Therapeutics, Inc., a precision oncology medicine company pioneering the discovery and development of small molecule, tumor-agnostic therapies, today announced that preclinical data defining the molecular mechanism for oncogenic activation of families of epidermal growth factor receptor (EGFR) allosteric mutations and showing activity of the Company's lead product candidate BDTX-189 will be presented at the European Society for Medical Oncology Congress 2019, taking place from September 27 to October 1, 2019 in Barcelona, Spain.

Black Diamond's presentation, entitled "Oncogenic Mutations at the Dimer Interface of EGFR Lead to Formation of Covalent Homo-dimers and Allosteric Activation of the Kinase Domain: A Mechanism Which Alters the Selectivity Profile of Oncogenic EGFR," will be presented Saturday, September 28, 2019 at 12:00 CEST, as part of the Developmental Therapeutics data session (Presentation 501P).

Elizabeth Buck, Ph.D., Co-Founder and Executive Vice President, Discovery and Translational Sciences said, "Despite clinical success with targeting EGFR ATP-site mutants, there are currently no drugs approved by the FDA to target allosteric EGFR mutations with a single therapy, including for patients with glioblastoma or lung cancer that express these mutations. Utilizing our Mutation-Allostery-Pharmacology, or MAP, platform, we defined the molecular mechanism for oncogenic activation of families of EGFR allosteric mutations and revealed how this mechanism decreases the efficacy of current generation of small molecule ATP-site inhibitors ineffective against these mutations."

"These preclinical data illustrate how BDTX-189, a novel ATP-site small molecule, selectively inhibits the activity of a broad range of allosteric EGFR and HER2 mutants, producing growth regression of allosteric EGFR mutant patient-derived tumors *in vivo*," added Dr. Buck.

MAP platform

Black Diamond's Mutation-Allostery-Pharmacology (MAP) platform is built on three central pillars – discover, reveal, and target. The Company uses population-level cancer genetic data obtained from all tumor types to identify potential families of mutations that occur within individual oncogenes and rank the mutations for potential oncogenicity. Black Diamond then uses its MAP platform to understand the mechanism for oncogenic activation and its team of experienced medicinal chemists then develops mutation spectrum-selective drugs for the identified targets. Black Diamond's MAP platform has generated a pipeline of orally available, potent and selective small molecule kinase inhibitors that target a range of driver mutations in cancer.

About BDTX-189

BDTX-189 is designed to be an orally available, irreversible small molecule inhibitor that targets undrugged oncogenic driver mutations of the ErbB kinases in epidermal growth factor receptor (EGFR) and human epidermal growth factor receptor 2 (HER2). These include extracellular domain allosteric mutations of HER2, as well as EGFR and HER2 domain exon 20 insertions, and additional activating oncogenic drivers of ErbB. The ErbB receptors are a group of receptor tyrosine kinases involved in key cellular functions, including cell growth and survival. Currently, there are no medicines approved by the U.S. Food and Drug Administration to target all of these oncogenic mutations with a single therapy. Black Diamond Therapeutics is completing investigational new drug (IND)-enabling activities for BDTX-189 and plans to start a combined Phase 1/2 clinical trial in the first half of 2020.

About Black Diamond

Black Diamond Therapeutics is a precision oncology medicine company pioneering the discovery of small molecule, tumor-agnostic therapies. Black Diamond targets undrugged mutations in patients with genetically defined cancers. Black Diamond is built upon a deep understanding of cancer genetics, protein structure and function, and medicinal chemistry. The Company's proprietary technology platform, Mutation-Allostery-Pharmacology, or MAP, platform, is designed to allow Black Diamond to analyze population-level genetic sequencing data to identify oncogenic mutations that promote cancer across tumor types, group these mutations into families and develop a single small molecule therapy in a tumor-agnostic manner that targets a specific family of mutations. Black Diamond was founded by David M. Epstein, Ph.D. and Elizabeth Buck, Ph.D., and, beginning in 2017, together with Versant Ventures, began building the MAP platform and chemistry discovery engine. For more information please visit www.bdtherapeutics.com.

Media contact:

Kathy Vincent

(310) 403-8951

kathy@kathyvincent.com