



## **Biomea Fusion Announces Acceptance of Three Abstracts for its Novel Menin Inhibitor Highlighting Durable Glycemic Control in Diabetes Patients at the International Conference on Advanced Technologies & Treatments for Diabetes (ATTD) in 2024**

November 27, 2023

**BMF-219 is an investigational novel covalent menin inhibitor developed to regenerate insulin-producing beta cells with the aim to cure diabetes**

- New clinical data from all dosing cohorts (n=62) initiated to date from the escalation portion of COVALENT-111 and long-term (26 weeks) follow-up data of the 200 mg dosed cohorts will be featured during an oral Poster Discussion Presentation and two Poster Viewing Presentations at ATTD

REDWOOD CITY, Calif., Nov. 27, 2023 (GLOBE NEWSWIRE) -- Biomea Fusion, Inc. ("Biomea") (Nasdaq: BMEA), a clinical-stage biopharmaceutical company dedicated to discovering and developing novel covalent small molecules to treat and improve the lives of patients with genetically defined cancers and metabolic diseases, today announced the acceptance of three abstracts presenting new clinical data from the ongoing escalation portion of its COVALENT-111 trial, evaluating BMF-219 as a potential treatment for people with type 2 diabetes, at the 17<sup>th</sup> International Conference on Advanced Technologies & Treatments for Diabetes (ATTD) taking place in Florence, Italy, 6-9 March 2024. This new clinical data from all dosing cohorts initiated to date from the escalation portion of COVALENT-111 will be featured during a Poster Discussion Presentation and two Poster Viewing Presentations at ATTD.

These abstracts further validate the mechanism of action of covalently inhibiting menin in people with type 2 diabetes to potentially provide long-term improvement in glycemic control through beta cell regeneration.

Biomea will disclose additional information about the presentations in accordance with the ATTD abstract embargo policies.

### **Accepted 2024 ATTD Abstract Titles**

- **Abstract Submission Number:** 101  
**Presentation Session:** E-Poster Discussion Session  
**Abstract Title:** Durable Glycemic Control with BMF-219 during off-Treatment Period at Week 26: a Phase 1/2 Trial of BMF-219 in Patients with Type 2 Diabetes (COVALENT-111)
- **Abstract Submission Number:** 751  
**Presentation Session:** E-Poster Viewing Session  
**Abstract Title:** Key Observations from the Dose – Escalation Portion of COVALENT-111, a Phase 1/2 Trial of the Covalent Menin Inhibitor BMF-219 in Patients with Type 2 Diabetes
- **Abstract Submission Number:** 722  
**Presentation Session:** E-Poster Viewing Session  
**Abstract Title:** Case Studies from COVALENT-111, a Phase 1/2 Trial of BMF-219, a Covalent Menin Inhibitor, in Patients with Type 2 Diabetes

### **COVALENT-111**

COVALENT-111 is a multi-site, randomized, double-blind, placebo-controlled Phase I/II study. In the completed Phase I portion of the trial, healthy subjects were enrolled in single ascending dose cohorts to ensure safety at the prospective dosing levels for people with type 2 diabetes. Phase II consists of multiple ascending dose cohorts and dose durations and includes adult patients with type 2 diabetes uncontrolled by current therapies. Additional information about the Phase I/II clinical trial of BMF-219 in type 2 diabetes can be found at [ClinicalTrials.gov](https://ClinicalTrials.gov) using the identifier NCT05731544.

### **About Menin's Role in Diabetes**

Loss of functional beta cell mass is a core component of the natural history in both types of diabetes — type 1 diabetes (mediated by autoimmune dysfunction) and type 2 diabetes (mediated by metabolic dysfunction). Beta cells are found in the pancreas and are responsible for the synthesis and secretion of insulin. Insulin is a hormone that helps the body use glucose for energy and helps control blood glucose levels. In patients with diabetes, beta cell mass and function have been observed to be diminished, leading to insufficient insulin secretion and hyperglycemia. Menin is thought to act as a brake on beta-cell turnover and growth, supporting the notion that inhibition of menin could lead to the regeneration of normal, healthy beta cells.

Based on these and other scientific findings, Biomea is exploring the potential for BMF-219-mediated menin inhibition as a viable therapeutic approach to potentially halt or reverse progression of type 2 diabetes.

### **About Type 2 Diabetes**

Diabetes is considered a chronic health condition that affects how the body turns food into energy and results in too much sugar in the bloodstream. Over time, this can cause serious health problems and damage vital organs. Most people with diabetes have a shorter life expectancy than people without this disease. The CDC estimates about 2 in 5 of the adult population in the USA are now expected to develop diabetes during their lifetime. More than 37 million people of all ages (about 11% of the US population) have diabetes today. 96 million adults (more than 1 in 3) have pre-diabetes, blood sugars that are higher than normal but not high enough to be classified as diabetes. Diabetes is also one of the largest economic burdens on the United States health care system with \$1 out of every \$4 in US health care costs being spent on caring for people with diabetes. Despite the current availability of many diabetes medications, there remains a significant need in the treatment and care of patients with diabetes.

### **About Biomea Fusion**

Biomea Fusion is a clinical stage biopharmaceutical company focused on the discovery and development of covalent small molecules to treat patients with genetically defined cancers and metabolic diseases. A covalent small molecule is a synthetic compound that forms a permanent bond to its target protein and offers a number of potential advantages over conventional non-covalent drugs, including greater target selectivity, lower drug exposure, and the ability to drive a deeper, more durable response.

We are utilizing our proprietary FUSION™ System to discover, design and develop a pipeline of next-generation covalent-binding small molecule medicines designed to maximize clinical benefit for patients with various cancers and metabolic diseases, including diabetes. We aim to have an outsized impact on the treatment of disease for the patients we serve. We aim to cure.

Visit us at [biomeafusion.com](http://biomeafusion.com) and follow us on [LinkedIn](#), [Twitter](#) and [Facebook](#).

### **Forward-Looking Statements**

Statements we make in this press release may include statements which are not historical facts and are considered forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). 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. Any such statements in this press release that are not statements of historical fact, including statements regarding the clinical and therapeutic potential of our product candidates and development programs, including BMF-219, the potential of BMF-219 as a treatment for diabetes, our research, development and regulatory plans, including our pursuit of BMF-219 in metabolic diseases, our plans to continue the evaluation of BMF-219 for type 2 diabetes in our COVALENT-111 study, that initial results may not be indicative of final results in later clinical trials, the availability of future data from the Phase II portion of the study, and the timing of such events, may be deemed to be forward-looking statements. We intend these forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 27A of the Securities Act and Section 21E of the Exchange Act and are making this statement for purposes of complying with those safe harbor provisions.

Any forward-looking statements in this press release are based on our current expectations, estimates and projections only as of the date of this release and are subject to a number of risks and uncertainties that could cause actual results to differ materially and adversely from those set forth in or implied by such forward-looking statements, including the risk that we may encounter delays or unforeseen results in preclinical development, IND-filing and acceptance, patient enrollment and in the initiation, conduct and completion of our planned clinical trials and other research, development and regulatory activities. These risks concerning Biomea Fusion's business and operations are described in additional detail in its periodic filings with the U.S. Securities and Exchange Commission (the "SEC"), including its most recent periodic report filed with the SEC and subsequent filings thereafter. Biomea Fusion explicitly disclaims any obligation to update any forward-looking statements except to the extent required by law.

Contact: Investor Relations Chunyi Zhao, PhD Sr. Manager of Investor Relations & Corporate Development [czhao@biomeafusion.com](mailto:czhao@biomeafusion.com) Media Relations Neera Chaudhary, PhD Chief Commercial Officer – Diabetes [nchaudhary@biomeafusion.com](mailto:nchaudhary@biomeafusion.com)