

December 1, 2021



MyMD Pharmaceuticals to Participate in Two Investor Conferences During December 2021

MyMD to highlight its development pipeline for two novel therapeutics: immune regulator MYMD-1 and synthetic cannabidiol derivative Supera-CBD

BALTIMORE--(BUSINESS WIRE)-- [MyMD Pharmaceuticals, Inc.](#) (Nasdaq: MYMD) ("MyMD" or "the Company"), a clinical stage pharmaceutical company committed to extending healthy lifespan by delaying aging, today announced that it will participate in two investor conferences during the month of December 2021.

Benchmark Company Discovery Conference

Date: December 2, 2021
Format: 1-on-1 meetings (virtual)
Registration: [Click here](#)

Benzinga Global Small Cap Conference

Dates: December 8-9, 2021
Format: Presentation and 1x1 meetings (virtual)
Presentation Wednesday, December 8 at 4:00 p.m. ET –
time: Adam Kaplin, M.D., Ph.D., Chief Scientific Officer
Registration: [Click here](#)
Livestream: [Click here](#)

During the conferences, MyMD executives will discuss the multiple indications being pursued and market opportunities for novel drug candidates MYMD-1 and Supera-CBD.

About MYMD-1

Originally developed for autoimmune diseases, MYMD-1's primary purpose is to slow the aging process, prevent sarcopenia and frailty, and extend healthy lifespan. Because it can cross the blood-brain barrier and gain access to the central nervous system (CNS), MYMD-1 is also positioned to be a possible treatment for brain-related disorders. Its mechanism of action and efficacy in diseases including multiple sclerosis (MS) and thyroiditis have been studied through collaborations with several academic institutions. MYMD-1 is also showing promise in pre-clinical studies as a potential treatment for post- COVID-19 complications and as an anti-fibrotic and anti-proliferation therapeutic.

MYMD-1 has shown effectiveness in pre-clinical studies in regulating the immune system by

performing as a selective inhibitor of tumor necrosis factor-alpha (TNF- α), a driver of chronic inflammation. Unlike other therapies, MYMD-1 has been shown in these pre-clinical studies to selectively block TNF- α when it becomes overactivated in autoimmune diseases and cytokine storms, but not block it from doing its normal job of being a first responder to any routine type of moderate infection. MYMD-1's ease of oral dosing is another differentiator compared to currently available TNF- α blockers, all of which require delivery by injection or infusion. No approved TNF inhibitor has ever been dosed orally. In addition, the drug is not immunosuppressive and has not been shown to cause the serious side effects common with traditional therapies that treat inflammation.

About Supera-CBD

Supera-CBD is MyMD's pre-clinical patented synthetic cannabidiol (CBD) derivative that is being developed as a pharmaceutical drug to address anxiety, pain, and neurodegeneration. Supera-CBD targets the cannabinoid receptor type 2 (CB2), a protein mainly expressed in the immune system and which is associated with the therapeutic effects of CBD, including its anxiolytic, anticonvulsant, antipsychotic, neuroprotective and anti-inflammatory properties. CB2 receptors do not create an intoxicating negative psychotropic reaction (e.g. a high). In contrast, CB1 is usually expressed in the brain and distributed throughout the central nervous system to deliver an intoxicating effect. A vast majority of CBD developers are pursuing compounds targeted to CB2 that have minimal CB1 affinity. MyMD's Supera-CBD, with low CB1 affinity and four-fold increased CB2 binding, is 8,000 times more potent a CB2 agonist (activator) than regular CBD. The Company believes that Supera-CBD is currently on a path toward human clinical trials as a therapy for epilepsy, followed by chronic pain.

About MyMD Pharmaceuticals, Inc.

MyMD Pharmaceuticals, Inc. (Nasdaq: MYMD), a clinical stage pharmaceutical company committed to extending healthy lifespan, is focused on developing two novel therapeutic platforms that treat the causes of disease rather than only addressing the symptoms. [MYMD-1](#) is a drug platform based on a clinical stage small molecule that regulates the immune system to control TNF- α , which drives chronic inflammation, and other pro-inflammatory cell signaling cytokines. MYMD-1 is being developed to delay aging, increase longevity, and treat autoimmune diseases and COVID-19- associated depression. The Company's second drug platform, [Supera-CBD](#), is being developed to treat chronic pain, addiction and epilepsy. Supera-CBD is a novel synthetic derivative of cannabidiol (CBD) and is being developed to address and improve upon the rapidly growing CBD market, which includes both FDA approved drugs and CBD products not currently regulated as drugs. For more information, visit www.mymd.com.

Cautionary Statement Regarding Forward-Looking Statements

This press release may contain forward-looking statements. These forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements to be materially different from any expected future results, performance, or achievements. Forward-looking statements speak only as of the date they are made and none of MyMD nor its affiliates assume any duty to update forward-looking statements. Words such as "anticipate," "believe," "could," "estimate," "expect," "may," "plan," "will," "would" and other similar expressions are intended to identify these forward-looking statements. Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include, without limitation: the timing of, and MyMD's ability to, obtain and maintain regulatory

approvals for clinical trials of MyMD's pharmaceutical candidates; the timing and results of MyMD's planned clinical trials for its pharmaceutical candidates; the amount of funds MyMD requires for its pharmaceutical candidates; increased levels of competition; changes in political, economic or regulatory conditions generally and in the markets in which MyMD operates; MyMD's ability to retain and attract senior management and other key employees; MyMD's ability to quickly and effectively respond to new technological developments; MyMD's ability to protect its trade secrets or other proprietary rights, operate without infringing upon the proprietary rights of others and prevent others from infringing on MyMD's proprietary rights; and the impact of the ongoing COVID-19 pandemic on MyMD's results of operations, business plan and the global economy. A discussion of these and other factors with respect to MyMD is set forth in the Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2021, filed by MyMD on November 12, 2021 (as amended on November 15, 2021). Forward-looking statements speak only as of the date they are made and MyMD disclaims any intention or obligation to revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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