R(-)-MDMA to Enhance Empathy

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May 2025

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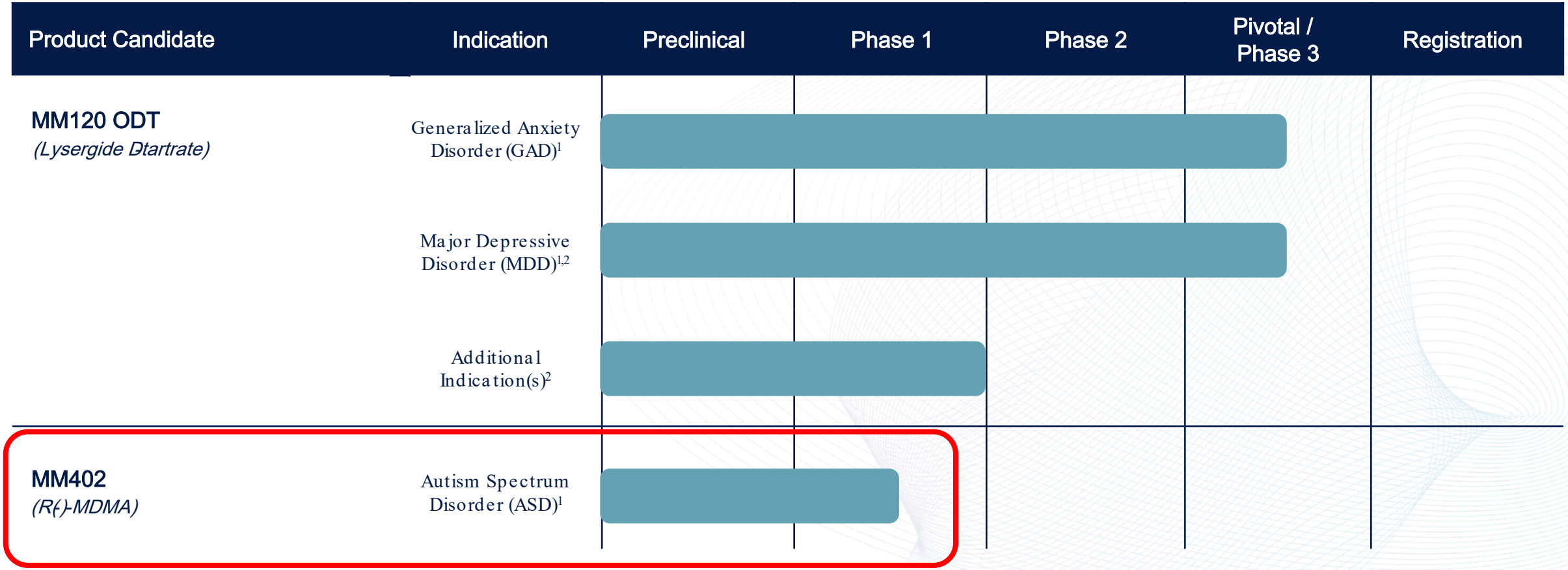
The United States federal government regulates drugs through the Controlled Substances Act. MM120 is a proprietary, pharmaceutically optimized form of lysergide D-tartrate and MM402, or R(-)-MDMA, is our proprietary form of the R-enantiomer of MDMA (3,4-methylenedioxymethamphetamine). Lysergide and MDMA are Schedule I substances under the Controlled Substances Act. While the Company is focused on programs using psychedelic or hallucinogenic compounds and non-hallucinogenic derivatives of these compounds, including in its MM120, MM402 and other product candidates, the Company does not have any direct or indirect involvement with the illegal selling, production or distribution of any substances in the jurisdictions in which it operates. The Company is a neuro-pharmaceutical drug development company and does not deal with psychedelic or hallucinogenic substances except within laboratory and clinical trial settings conducted within approved regulatory frameworks. The Company's products will not be commercialized prior to applicable regulatory approval, which will only be granted if clinical evidence of safety and efficacy for the intended uses is successfully developed.

Market and Industry Data

This Presentation includes market and industry data that has been obtained from third party sources, including industry publications. MindMed believes that the industry data is accurate and that the estimates and assumptions are reasonable, but there is no assurance as to the accuracy or completeness of this data. Third party sources generally state that the information contained therein has been obtained from sources believed to be reliable, but there is no assurance as to the accuracy or completeness of included information. Although the data is believed to be reliable, MindMed has not independently verified any of the data from third party sources referred to in this Presentation or ascertained the underlying economic assumptions relied upon by such sources. References in this Presentation to research reports or to articles and publications should be not construed as depicting the complete findings of the entire referenced report or article. MindMed does not make any representation as to the accuracy of such information.

Pipeline with Broad Therapeutic Potential



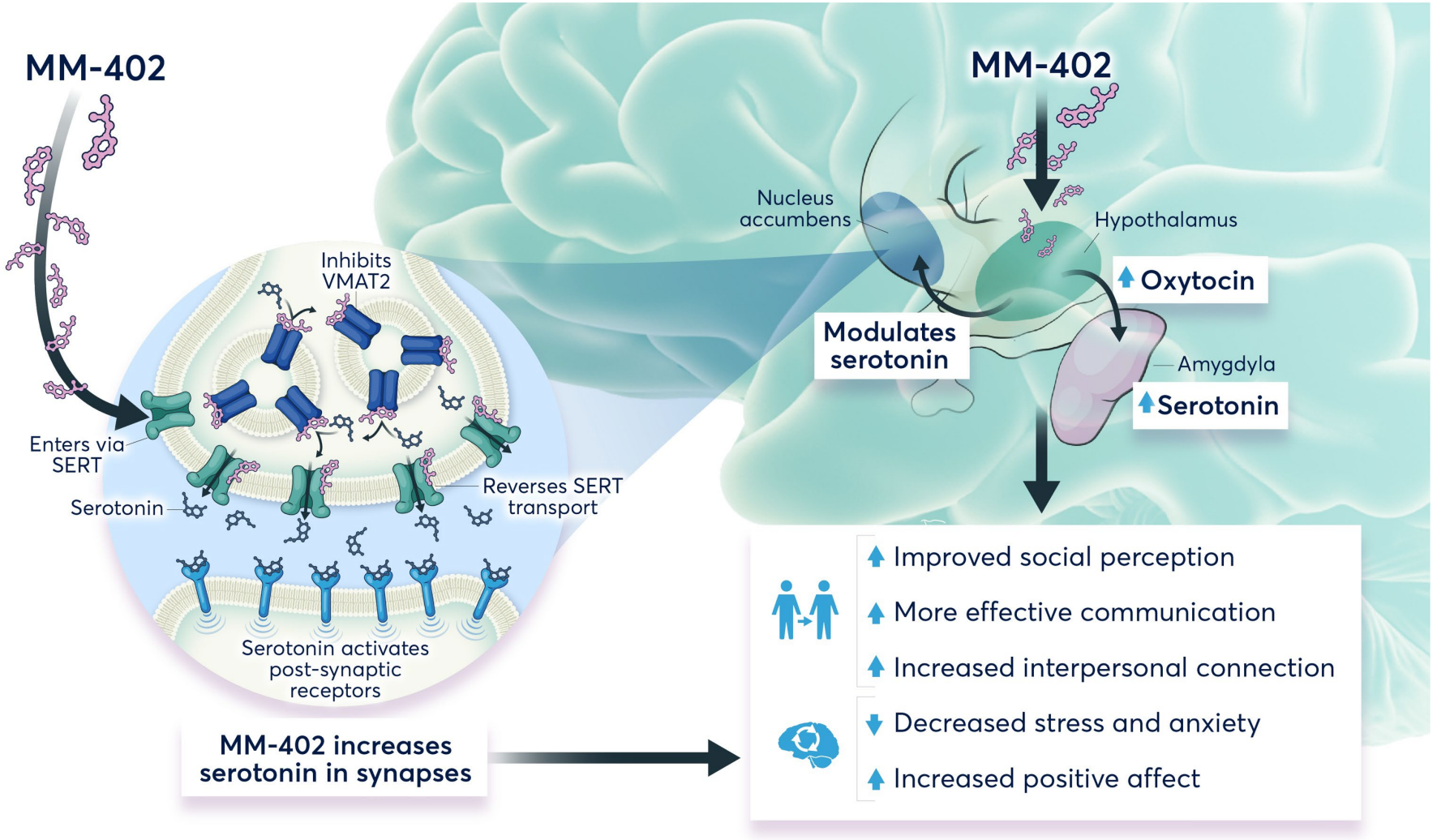
1. Full trial details and clinicaltrials.gov links available at mindmed.co/clinical-digital-trials/
2. Studies in exploration and/or planning stage.

LSD: lysergide; R(-)-MDMA: rectus-3,4-methylenedioxymethamphetamine

Addressing the Urgent Need For Novel ASD Therapies

- The history of psychopharmacology in ASD is mostly suppressive treatments or for co-morbid disorders
- Psychedelics help people to perceive the world without their usual organizational systems
- Measuring empathy, social communication, and sociability in a consistent reliable measurable way is a challenge
- R-MDMA in autism spectrum disorder can be thought of as analogous to psychostimulants in ADHD
- Postulated to increase ability to recognize emotion in oneself and others

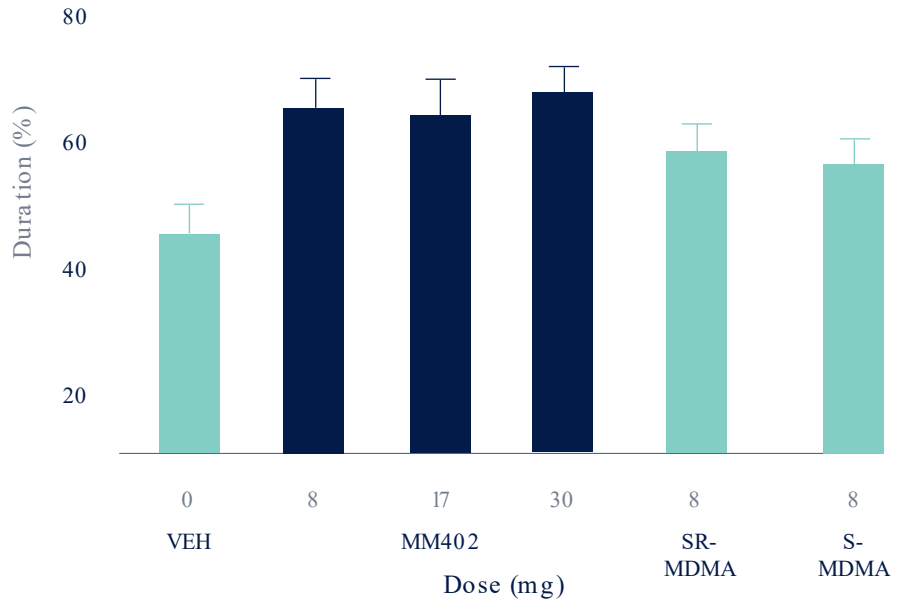
Differentiated Mechanism of Action Targets Key Pathways



Addressing the Urgent Need For Novel ASD Therapies

- MM402 is the serotonergic enantiomer of MDMA
- Potential first-in-class therapy for core symptoms of ASD
- Intend to develop for daily, at-home use

Increased duration of interaction in the three-chamber social interaction test[1]



Enhanced pro-social effects with potentially **reduced side effects** compared to MDMA

- less stimulant activity
- increased social interaction[2]
- increasing feelings of connectedness
- reduced dopamine-related adverse effects[2]

1. "MM402 demonstrates better efficacy than S(+)-3,4-MDMA or (±)-3,4-MDMA in Fmr1 knockout mice, an animal model of autism spectrum disorder". Presented at ECNP 2023. Data from "stranger" portion of "Duration in the arena" data.
2. Pitts EG, Curry DW, Hampshire KN et al. 2018; Psychopharmacology; 235(2):377-392.