



Investor Presentation

August 2023

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Cautionary Note Regarding Regulatory Matters

The United States federal government regulates drugs through the Controlled Substances Act. The Company works with a non-hallucinogenic synthetic derivative of the psychedelic substance ibogaine, known as zolunicant which is a synthetic organic molecule designed around a common coronaridine chemical backbone. Zolunicant is not a Schedule I substance in the United States and the Company does not foresee it becoming a Schedule I substance due to its non-hallucinogenic properties. While the Company is focused on programs using psychedelic or hallucinogenic compounds and non-hallucinogenic derivatives of these compounds, 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.

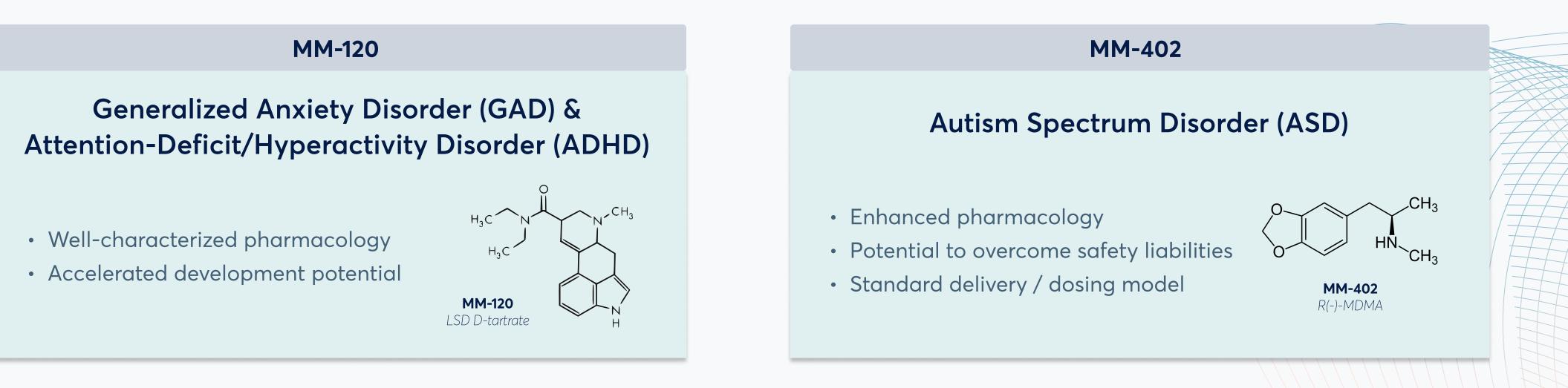
Market and Industry Data

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.

MindMed at a Glance: A Global Leader in Brain Health

Using industry-leading drug development expertise to unlock the full therapeutic potential of psychedelics and other novel product candidates

Advancing Proprietary Drug Candidates Across Psychiatric Indications



Business Highlights

- Diversified pipeline of clinical programs targeting significant unmet medical needs
- Pivotal inflection point with key clinical readout expected in Q4 2023
- IP and R&D strategies intended to maximize market exclusivity and protection
- Expected cash runway through key clinical readouts and into 2026¹

1. The company's ending Q2 2023 cash and cash equivalents of \$116.9 million and committed credit facility are expected to fund operations into 2026, if certain milestones are achieved that unlock additional capital





3

There is an Urgent Need for Better Treatments

Substantial opportunities exist to advance novel treatments for a wide range of brain health disorders

1 in 4 U.S. Adults has a Diagnosable Mental Health Disorder ¹

1. Mental and Substance Use Disorders Prevalence Study (MDPSU): Findings Report 2023

- 2. Kessler RC, Adler L, Barkley R, et al. 2005; Am J Psychiatry. 163(4).
- 3. Leigh & Du 2015; J. Autism Dev. Disord.; 45(12).











Research & Development Pipeline

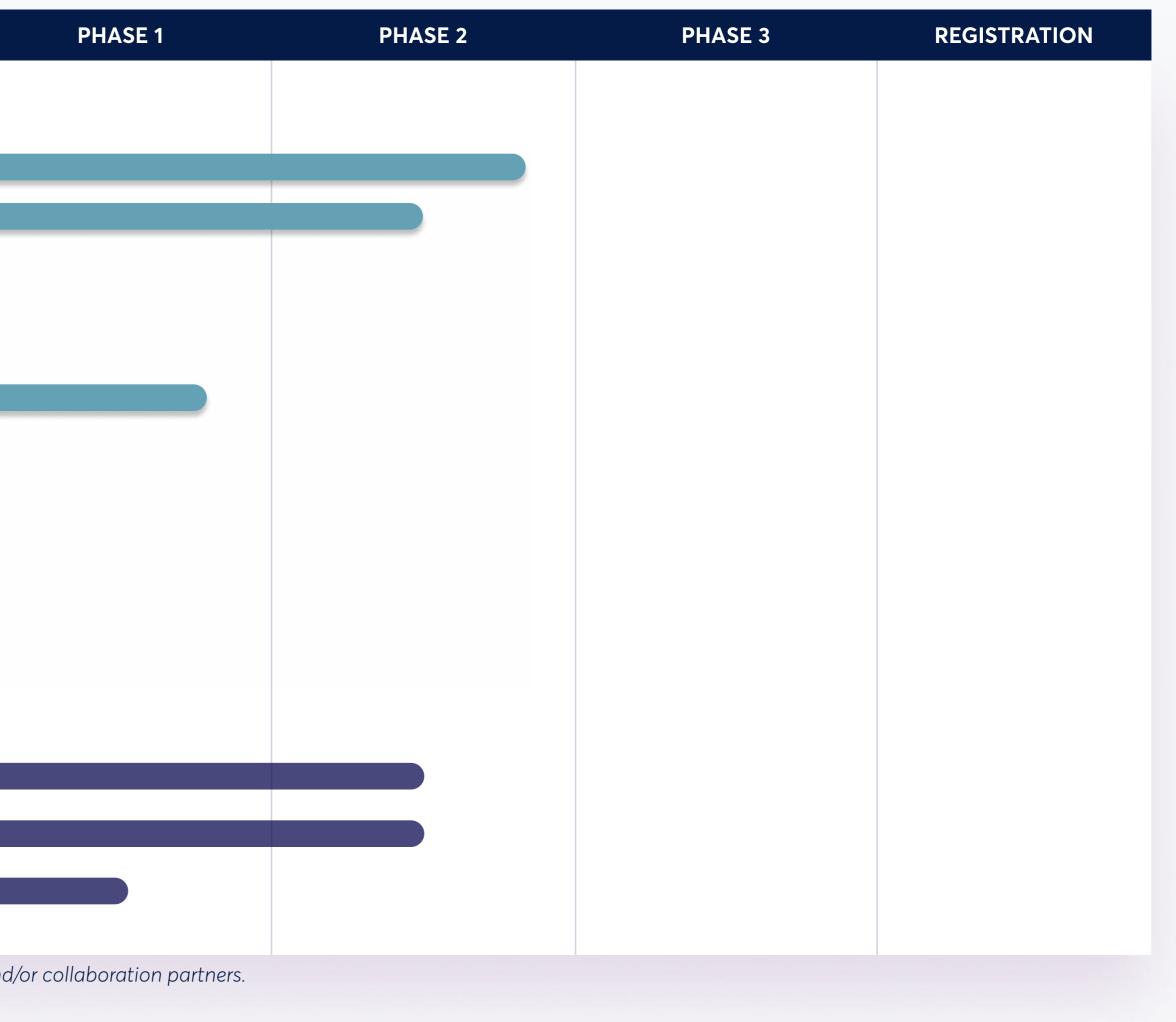
Our pipeline diversification offers potential opportunities across therapeutic areas and mechanisms of action

PRODUCT CANDIDATE	INDICATION	PRE-CLINICAL
SYCHIATRY		
MM-120 (LSD D-tartrate)	Generalized Anxiety Disorder	
	ADHD	
MM-402 (R(-)-MDMA)	Autism Spectrum Disorder	
THER PROGRAMS		
MM-110 (zolunicant HCl)*	Opioid Withdrawal	
ISCOVERY & EARLY DEVELOPN	IENT	
Novel tryptamines	undisclosed	
Novel phenethylamines	undisclosed	
Advanced drug delivery	undisclosed	
IVESTIGATOR-INITIATED TRIAL	_S**	
Lysergic Acid Diethylamide (LSD)	Major Depressive Disorder	
Lysergic Acid Diethylamide (LSD)	Cluster Headache	
PK/PD of MDMA enantiomers	Healthy Subjects	

* Continued development of MM-110 is currently subject to the Company obtaining non-dilutive sources of capital and/or collaboration partners. ** Full trial details and clinical trials.gov links available at mindmed.co/clinical-digital-trials/

ADHD: Attention-Deficit/Hyperactivity Disorder; LSD: lysergic acid diethylamide; MDMA: 3,4-methylenedioxymethamphetamine







Advancing the Field with Strong IP & Strategic Competitive Moats

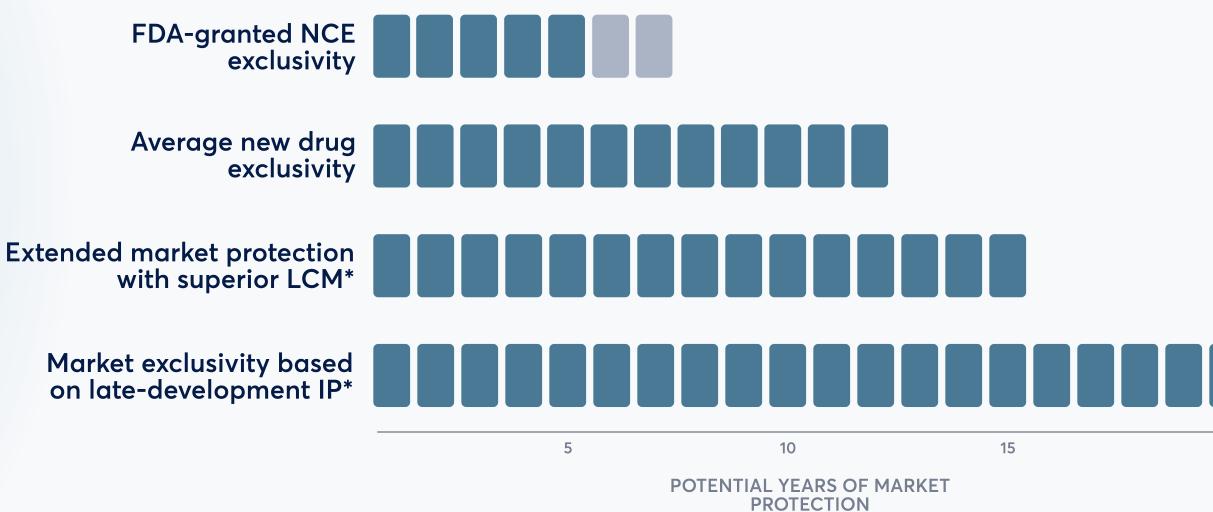
MindMed seeks to protect innovation and market potential through intellectual property-oriented R&D strategies



*For illustrative purposes only R&D: Research & Development; LCM: Life Cycle Management; NCE: New Chemical Entity











MM-120 LSD D-tartrate



Key Milestones Anticipated

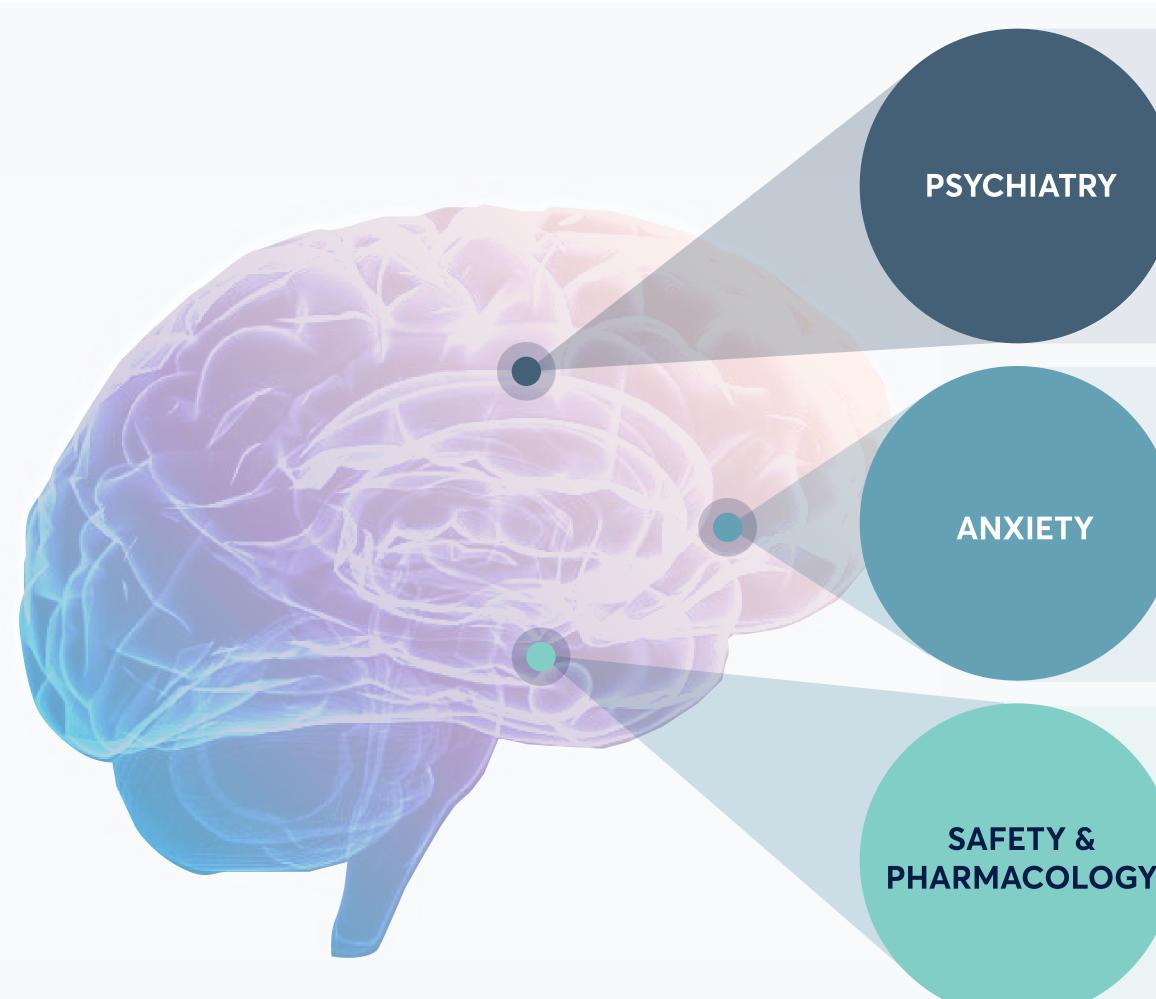
Phase 2b in GAD Topline Data | Q4 2023

Phase 2a in ADHD Topline Data | Q4 2023 / Q1 2024



Lead Candidate with Evidence Across Multiple Therapeutic Areas

Extensive evidence of clinical benefit and mechanistic rationale in psychiatry and other brain disorders¹



1. Gasser 2014; J. Nerv. Ment. Dis.; 202(7).

2. Fuentes 2020; Front Psychiatry; 10:943.





Broad Applicability

preliminary signs of efficacy across multiple diagnoses¹

Long-Term Value

through multi-pronged life cycle management

Rapid & Sustained

benefit observed after acute dosing¹

3x Effect Size

compared to leading anxiety treatments²

10,000+

patients treated in clinical trials¹

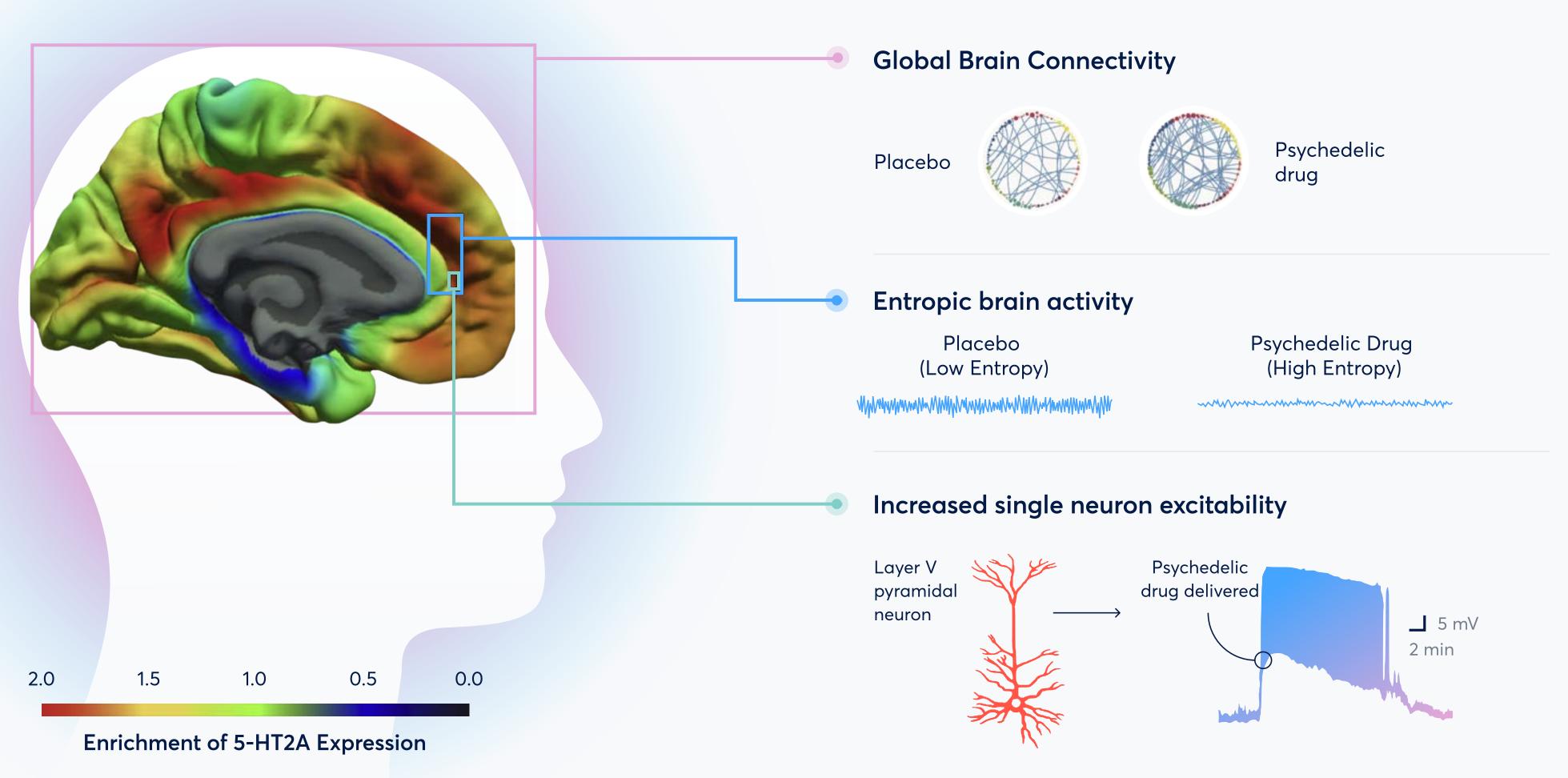
Well-Characterized

tolerability, pharmacokinetics and pharmacodynamics



Emerging Treatment Paradigm for Brain Health Disorders

MM-120 is a potent serotonin agonist with potential applications to a broad range of brain health disorders ¹



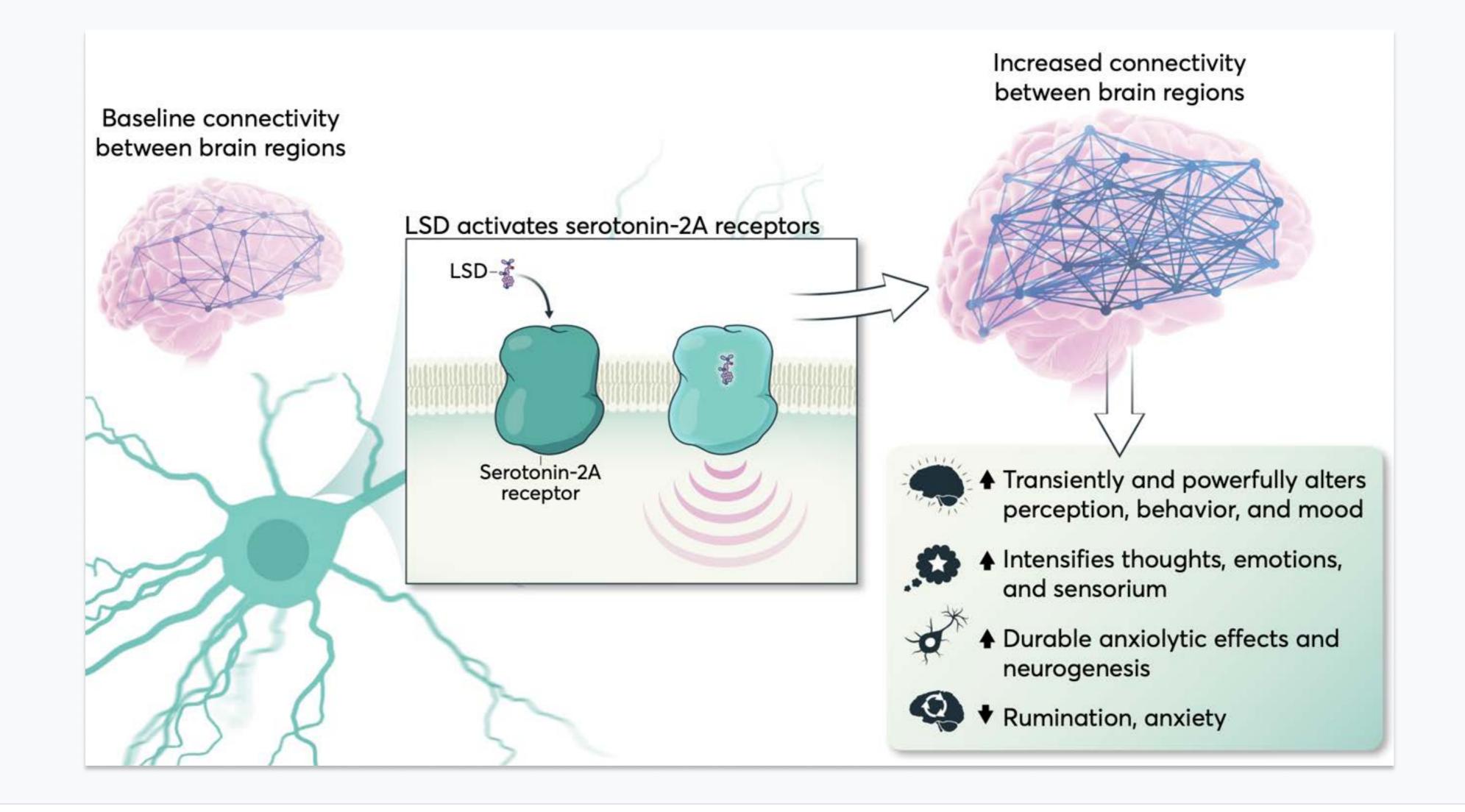
1. Nutt 2020. Cell; 181(1).





Mechanism of Action Driving Potential Durable Clinical Response

Unique mechanism of action increases brain connectivity, enabling rapid and durable effects







An Urgent Need for Better Anxiety Treatments

Generalized Anxiety Disorder is underdiagnosed, underserved and has lacked innovation for decades

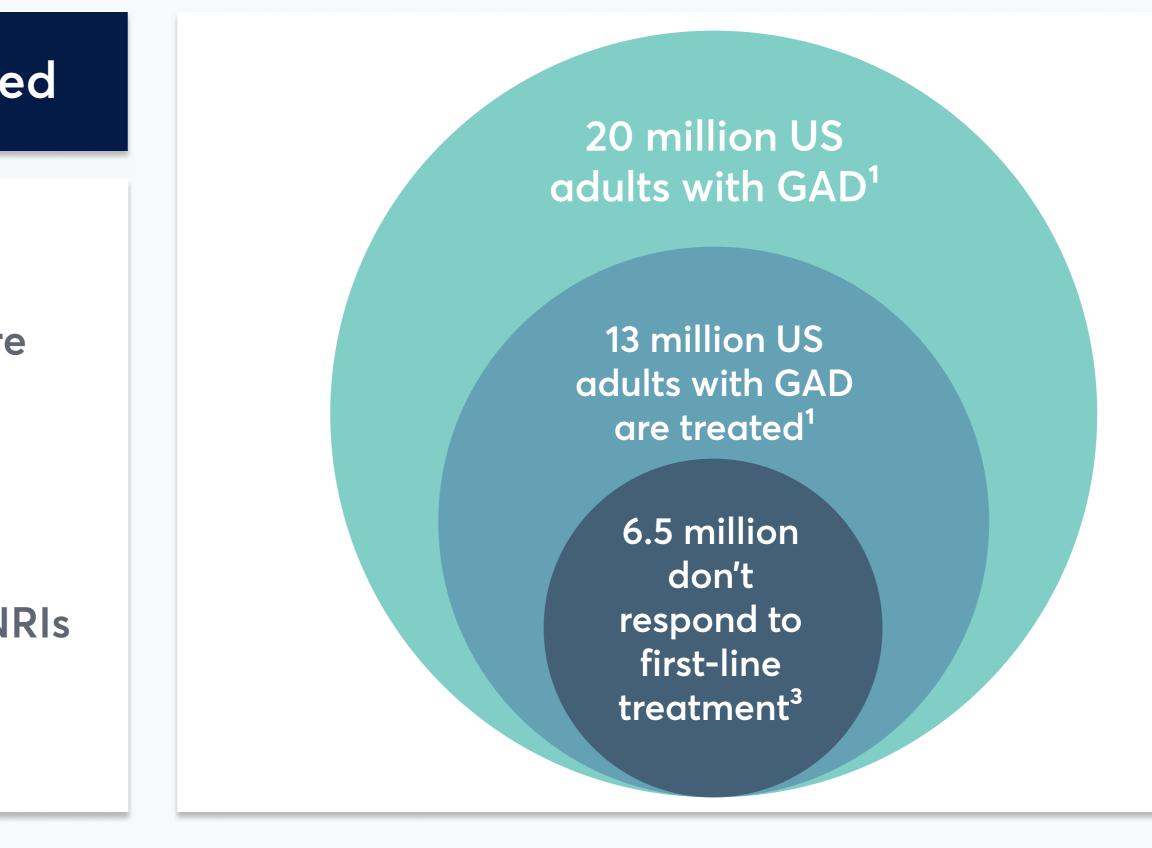
GAD presents large and unmet patient need

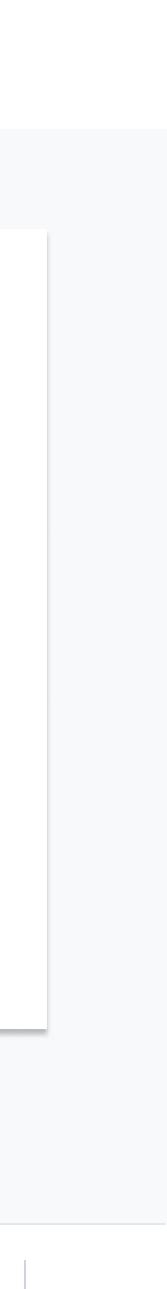
- Prevalence of 10.0% among US adults¹
- 77% of patients present with moderate-to-severe GAD²
- 50% of those treated fail an SSRI³ and 10-20% have failed at least two treatments⁴
- Current standard of care dominated by SSRI/SNRIs and benzodiazepines

1. Mental and Substance Use Disorders Prevalence Study (MDPSU): Findings Report 2023

- 2. JL Kessler, Arch Gen Psychiatry 2005 June; 62(6): 617-627.
- 3. Ansara, Ment Health Clinu 2020 Nov; 10(6) 326-334) United States Census Bureau, company calculations.
- 4. Market research prepared by external advisers, 2022. Company calculations.









Extensive LSD Clinical Research in Psychiatric Disorders

MM-120 program builds on decades of clinical research of LSD, the most studied drug in its class

STUDIES	INDICATION(S)	SAMPLE SIZE	
21 STUDIES PRIOR TO 1974 ¹	Anxiety, depression & neurotic illnesses	512 patients	Up to
GASSER 2014 ²	Anxiety in terminal illness	12 patients	Effec reduc
HOLZE 2022 ³	Anxiety	42 patients	Rapio symp respo vs. 9 ^c
HOLZE 2023 ⁴	Major Depressive Disorder	61 patients	Signi bene main post-

1. Rucker 2016. J. Psychopharmacol; 30(12).

- 2. Gasser 2014. J. Nerv. Ment. Dis.; 202(7).
- 3. Holze, Gasser et. al 2022. Biological Psychiatry.
- 4. UHB presentation; April 2023.



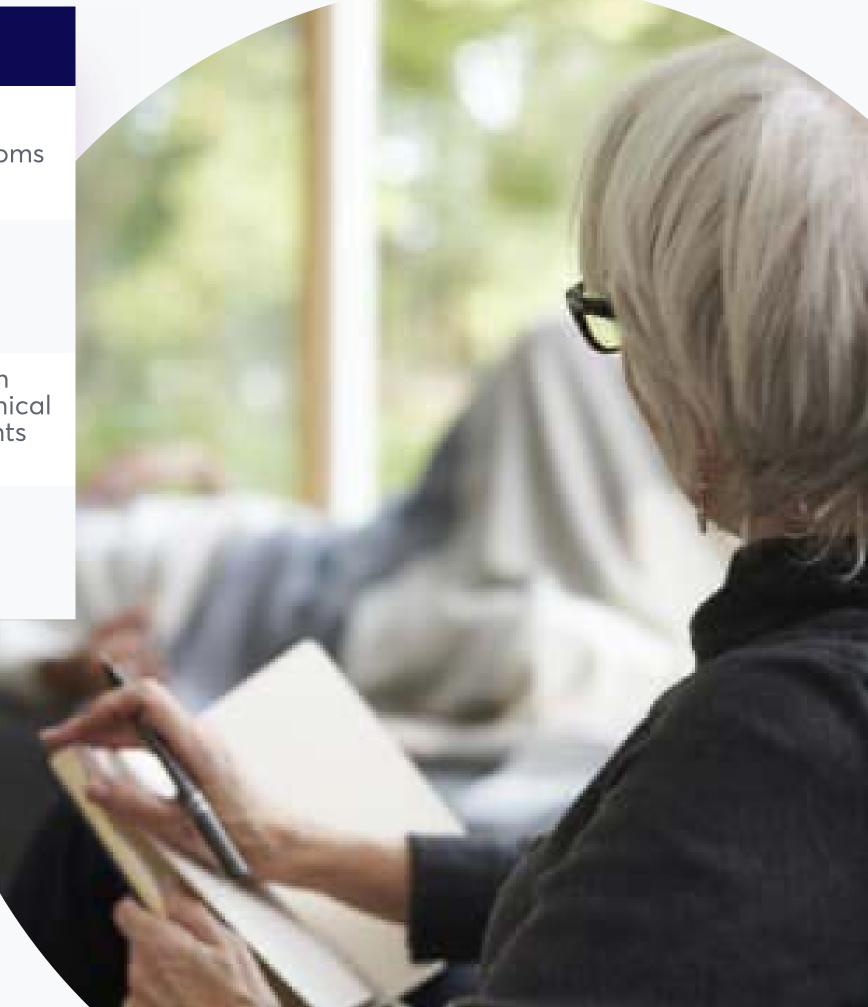


to 95% reduction in symptoms

ect size of 1.1 with durable uction in anxiety at 1 year

id and durable reduction in ptoms post-treatment. Clinical oonse in 65% of LSD patients 9% in placebo

nificant, rapid, durable and eficial effects, with benefit ntained for up to 16 weeks t-treatment (p=0.008)





Modern Evidence in Anxiety Disorders

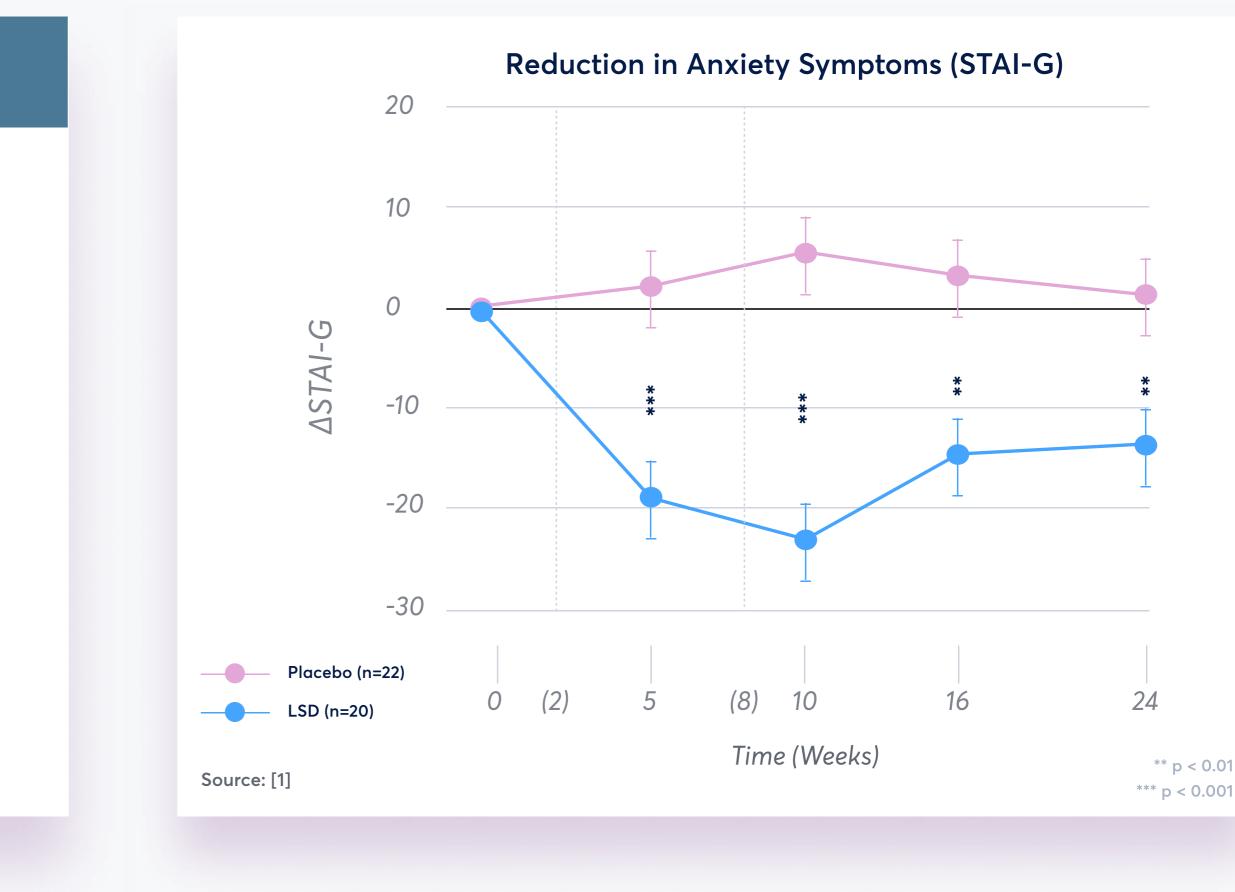
Results from UHB's LSD-Assist study support MindMed's clinical development of MM-120 for GAD

Rapid, durable and significant anxiolytic effects¹

- Reduction in anxiety and depression symptoms; durable at 16 weeks post-treatment vs. placebo (p<0.007)
- Clinical response (≥30% reduction) observed in 65% of LSD group vs 9% of placebo group (p<0.003)
- Positive correlation between acute positive effects or mystical experiences and clinical outcomes
- Well-tolerated at 200 µg: 1 serious adverse event (acute transient anxiety and delusions) and no other adverse events attributed to treatment
- No instances of suicidal ideation with intent attributed to treatment

1. Holze, Gasser et. al 2022. Biological Psychiatry. STAI-G: State-Trait Anxiety Inventory; µg: microgram



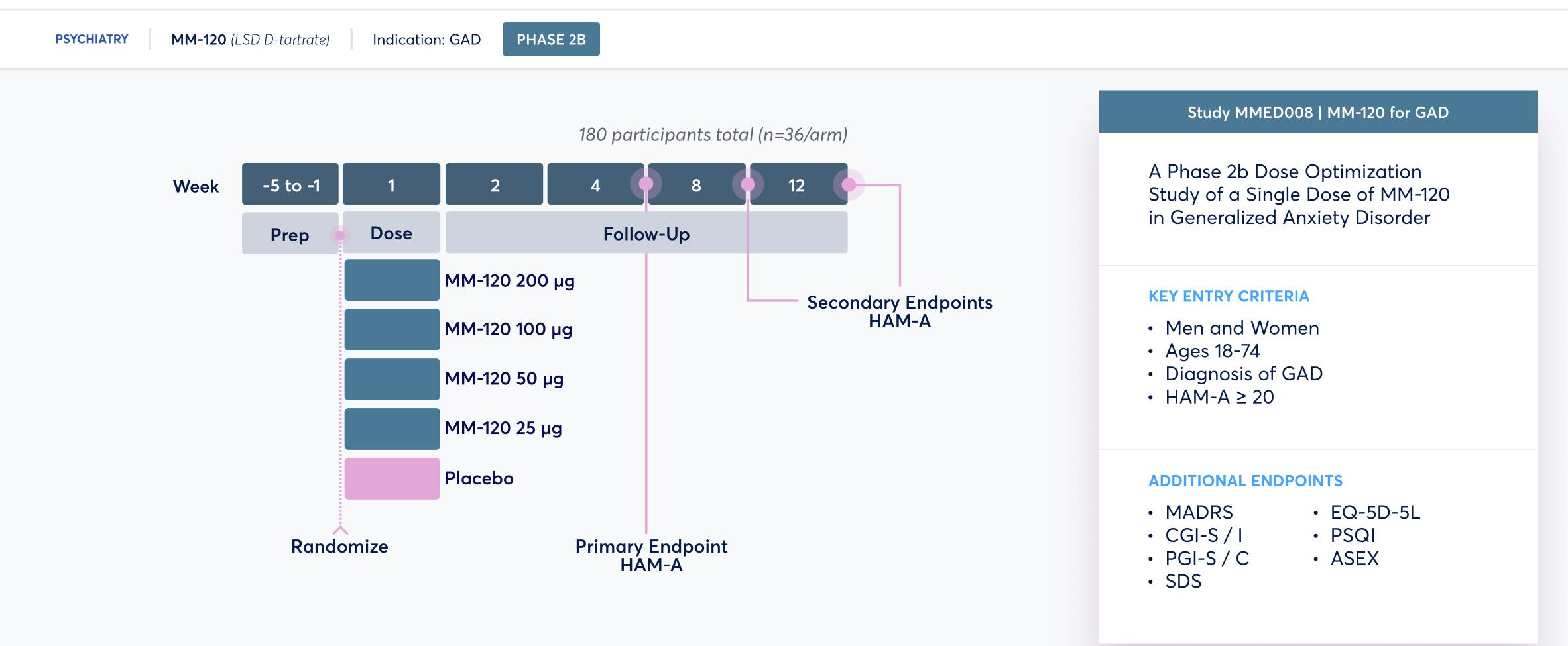






Phase 2b Generalized Anxiety Disorder (GAD)

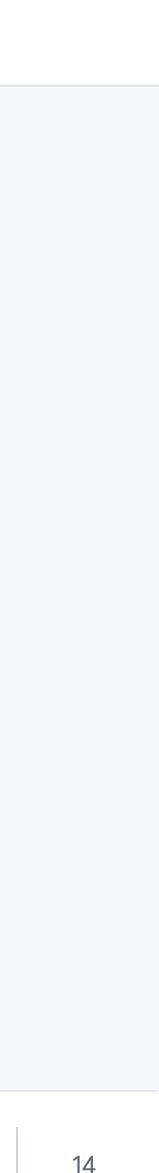
Study design seeks to evaluate dose-responsive effects and identify optimal dose for pivotal clinical trials



Source: MindMed internal study documents

μg: microgram; HAM-A: Hamilton Anxiety Rating Scale; MADRS: Montgomery-Asberg Depression Rating Scale; CGI-S: Clinical Global Impression - Severity; PGI-S: Patient Global Impression - Severity; SDS: Sheehan Disability Scale; EQ-5D-5L: EuroQoI-5 Dimension; PSQI: Pittsburgh Sleep Quality Index; ASEX: Arizona Sexual Experiences Scale





Potential MM-120 Clinical Care Model

Advancing a delivery model that seeks to optimize outcomes

Pre-Treatment	Dur
 Patient education, engagement, preparation Eligibility evaluation Care coordination with existing clinical team 	 Continuous monito Non-directive psyc Accompanied discl



Post-Treatment	
 Follow-up psychosocial support 	
 Continuation of standard psychiatric care 	
 Remote monitoring for re-treatment needs 	







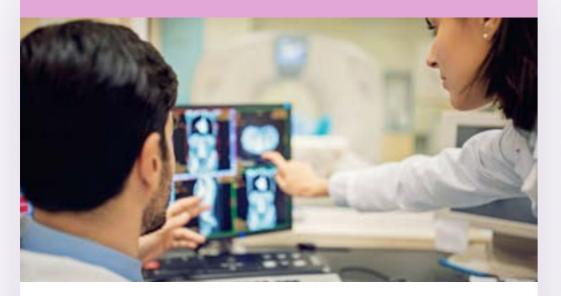


Digital Unlocks Potential Opportunities Throughout the Product Lifecycle

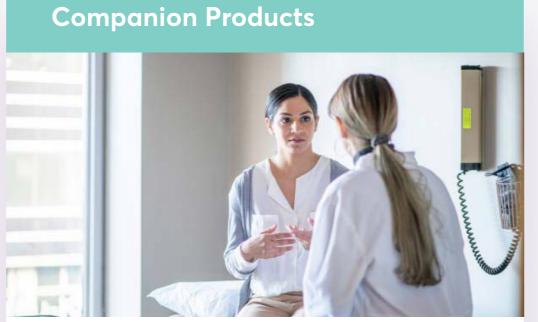
Generating data, insights, models, and tools from early development through market management



Clinical Development Tools



- Patient education, engagement, preparation
- Deep digital diagnosis



- In-session monitoring
- Predictive intervention
- Treatment selection

HEOR: health economics and outcomes research



Enhancement and Lifecycle Management

Post-Approval Research



- Surveillance & registries
- Remote management
- HEOR

Combination Products



- Drug-device combinations
- Lifecycle enhancement
- Efficient Phase 4 research





Potential Pathway to Commercial Success for MM-120

Our approach seeks to leverage well-established pathways to bring novel therapeutics to patients at scale

Submit Marketing Applications	 Seek approval for drug p Collaborate with health Strategic plans for long-
Rescheduling	 Review rescheduling pro Advance conversations Propose rescheduling in
Reimbursement	 Engage payers to develope Generate HEOR evidence Develop provider tools to
Real-World Adoptability	 Employ a precedent-base of the therapeutic class

HEOR: health economics outcomes research



- product candidates in major markets globally
- care authorities to seek targeted labeling
- -term product life cycle management and market preservation
- ocesses of preceding products
- with national, federal, and state authorities
- n marketing applications
- lop a comprehensive market access strategy
- ce to maximize reimbursability of drug and dosing session
- to enhance reliability of reimbursement
- sed development strategy that bridges the novelty
- with the existing care delivery landscape





Phase 2a Attention-Deficit Hyperactivity Disorder (ADHD)

Multi-faceted approach directly targeting the serotonin system

Maximizing MM-120 value through study of various doses and schedules to optimize the drug across indications

- in psychiatry
- at-home delivery.



Serotonin is a critical and increasingly well-studied target

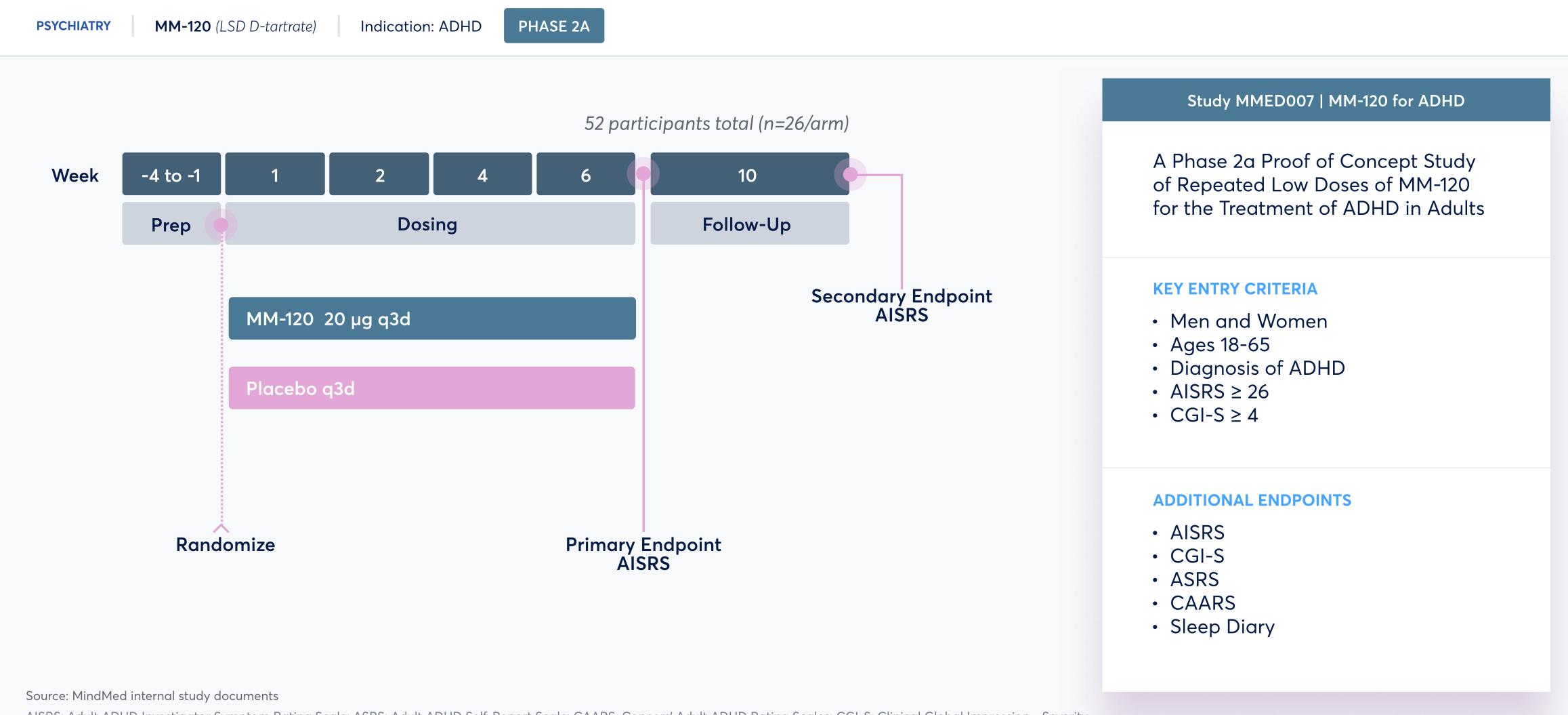
Creatively exploring innovative treatment paradigms

 Repeated sub-perceptual doses of MM-120 in ADHD seek to demonstrate proof of principle for both the regimen and



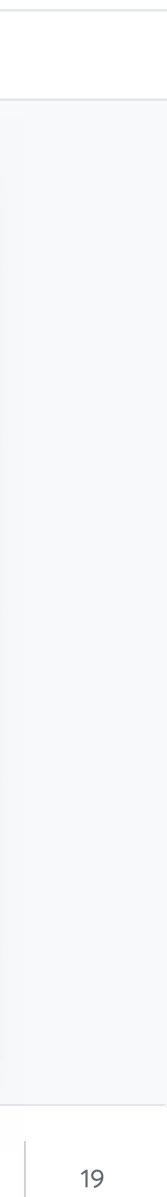
Phase 2a Attention-Deficit Hyperactivity Disorder (ADHD)

Proof of concept study design seeks to explore potential clinical response in ADHD



AISRS: Adult ADHD Investigator Symptom Rating Scale; ASRS: Adult ADHD Self-Report Scale; CAARS: Conners' Adult ADHD Rating Scales; CGI-S: Clinical Global Impression - Severity





MM-402

R(-)-MDMA



Key Milestones Anticipated

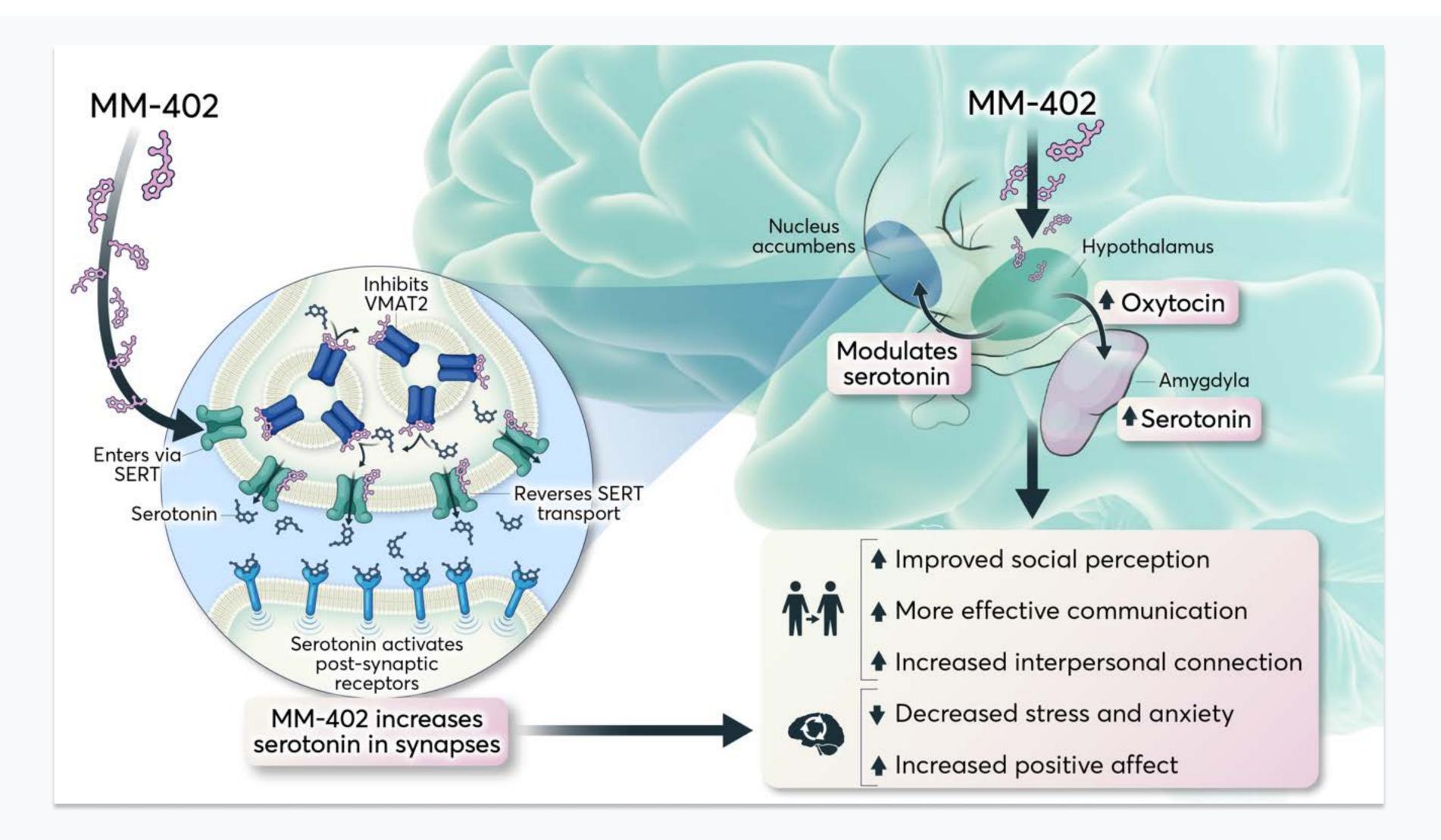
Phase 1 Study Initiation | Q4 2023

Phase 1 IIT (UHB-Sponsored) Topline Data | H1 2024



Differentiated Mechanism of Action Targets Key Pathways

R-MDMA increases serotonin and oxytocin with potential prosocial and positive mood effects in patients with Autism Spectrum Disorder







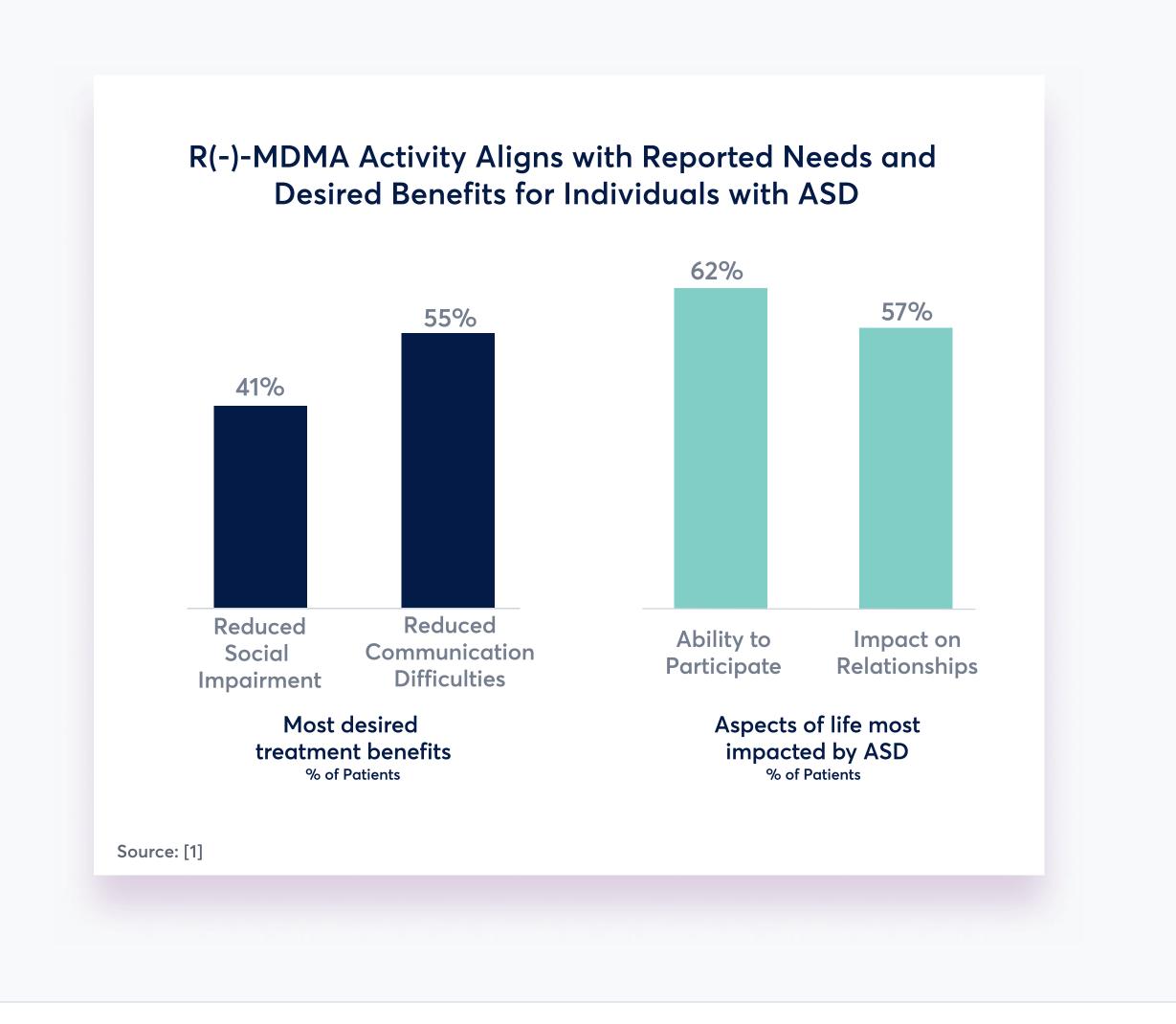
No Approved Drugs for Core Symptoms of Autism Spectrum Disorder (ASD)

Growing prevalence and impact of ASD yields an urgent need for novel therapies that target core symptoms and align with patient preferences



1. FDA Patient Focused Drug Development workshop on Autism Spectrum Disorder (2017)









Preclinical Data Indicate Potential Enhanced Benefit/Risk Profile

Preclinical data suggest the R-enantiomer of MDMA has prosocial effects with reduced stimulant activity

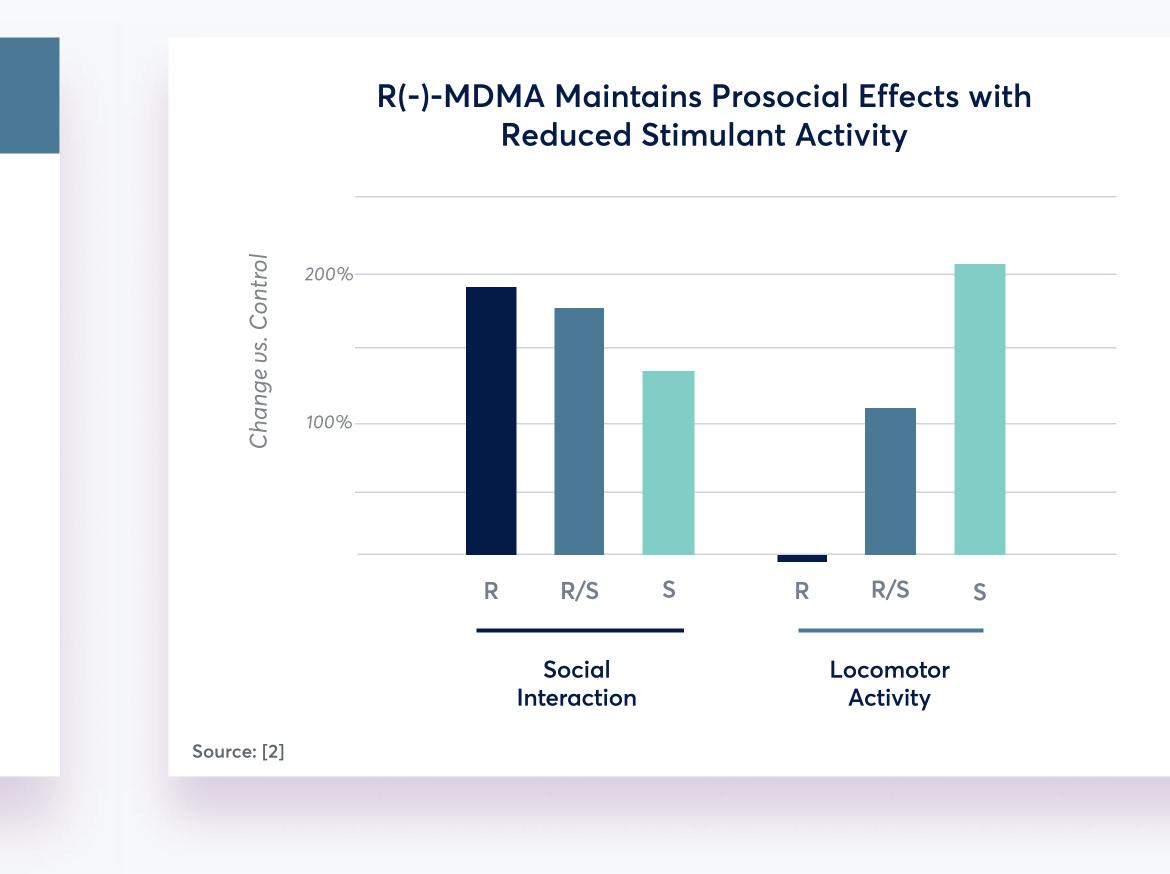
Translational preclinical data suggest that R(-)-MDMA may have:

- Strong prosocial effects
- Less stimulant activity compared to MDMA
- Plan to develop standard, at-home dose regimen

Source: [1][2]

- 1. Pitts 2018; Psychopharmacology; 235.
- 2. Curry 2018; Neuropharmacology; 128.









Clinical Data Support Opportunity for MDMA in ASD

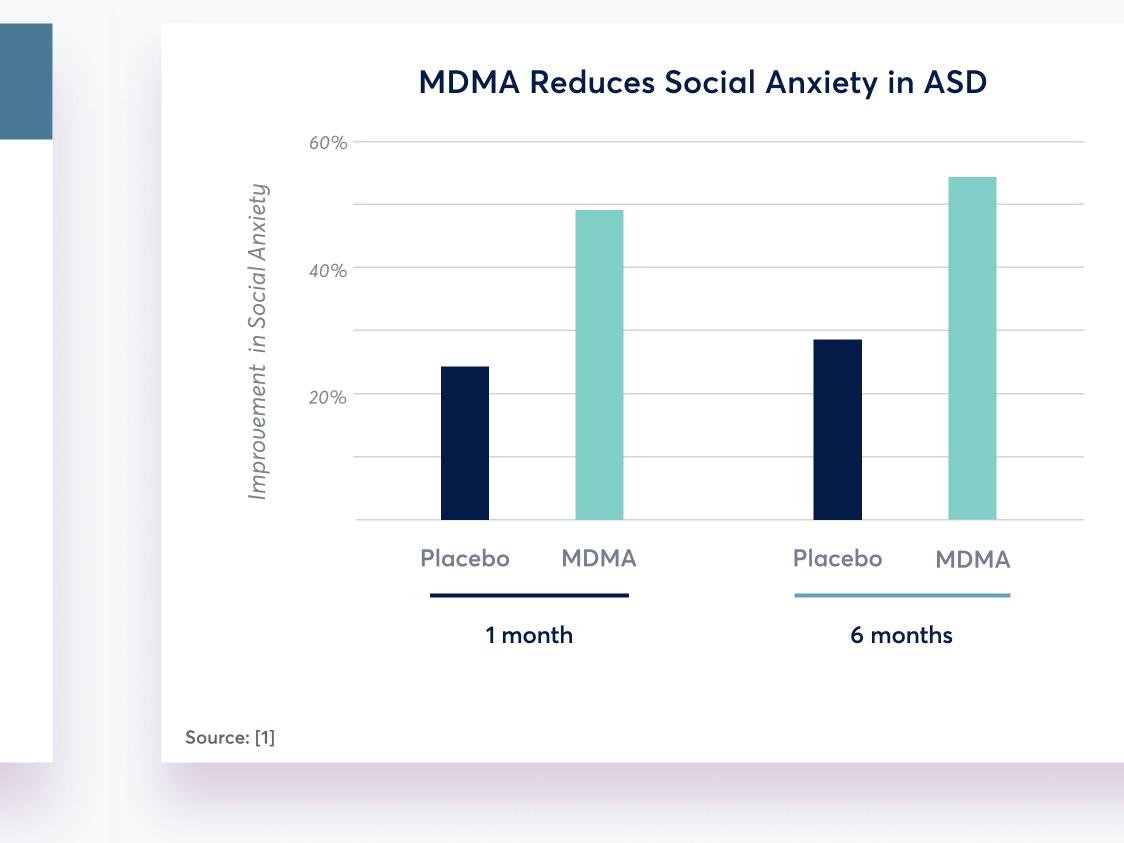
Pilot clinical trial results of MDMA demonstrate acute and durable positive effects on social functioning in ASD population¹

MM-402 or R(-)-MDMA is a pharmaceutically optimized enantiomer of MDMA

- Potential first-in-class therapy for core symptoms of ASD
- Pilot clinical data suggest racemic MDMA could enhance social functioning
- Pharmacological profile aligns with patientdesired treatment benefits

Danforth 2018; Psychopharmacology; 235.
 MDMA: 3,4-methylenedioxymethamphetamine; ASD: Autism Spectrum Disorder









Collaborations & Early R&D





External Collaborations Aim to Accelerate Discovery & Development

Leveraging key partnerships and collaborations with intent to accelerate drug discovery and de-risk clinical development



NEW CHEMICAL ENTITY DISCOVERY ENGINE

DISCOVERY & LEAD OPTIMIZATION NOVEL DOSAGE AND DELIVERY FORMS TO ENABLE ENHANCED DELIVERY



Universitätsspital Basel

ADVANCED DRUG DELIVERY

EFFICIENT CLINICAL PROVING GROUND



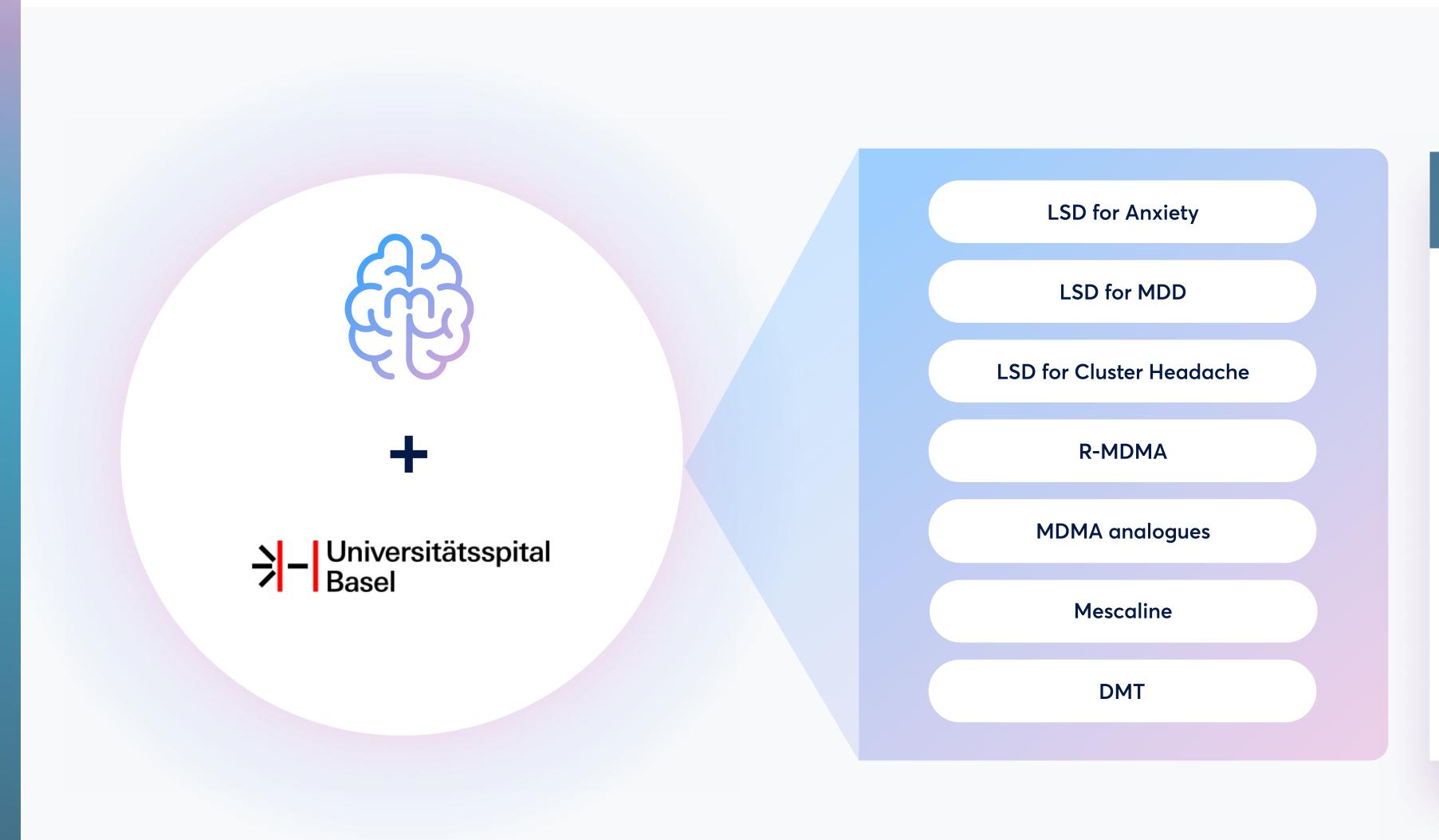


RAPID DATA GENERATION & CLINICAL CONCEPT TESTING



Exclusive Collaboration with Leading Researchers

MindMed's exclusive collaboration with the Liechti Lab at UHB enables efficient evidence generation to support R&D strategy





Potential Strategic Value

- Rapid transition to clinical evidence generation
- Increase confidence in clinical indications
- Efficient exploration of PK/PD and dose optimization





Our Leadership Team

Our management has decades of successful leadership, product development, and commercialization in pharma and biopharma



Robert Barrow Chief Executive Officer and **Board Director**



Miri Halperin Wernli, PhD **Executive President**





Daniel Karlin, MD, MA **Chief Medical Officer**



















Schond Greenway, MBA **Chief Financial Officer**







Morgan Stanley



Mark Sullivan, JD Chief Legal Officer and Corporate Secretary









Francois Lilienthal, MD, MBA **Chief Commercial Officer**





Bristol Myers Squibb"



Carrie Liao, CPA **Chief Accounting Officer**









Our R&D Leadership Team

Our R&D team has decades of successful leadership, product development, and commercialization in pharma and biopharma



Peter Mack, PhD VP, Pharmaceutical Development









Bridget Walton, MS, RAC VP, Global Regulatory Affairs



UNOVARTIS

Johnson & Johnson

Wyeth





Robert Silva, PhD VP, Head of Development



Carole Abel, MBA VP, Programs & Portfolio Office (PPO)











Schering-Plough



Our Team Has Significant Drug Development Experience

Our Management and R&D team's relevant experience overseeing the approval of drug candidates positions MindMed for success

CNS Products











Sublocade

(buprenorphine extended-release) injection for subcutaneous use © 100mg•300mg













Other Products









Business Highlights

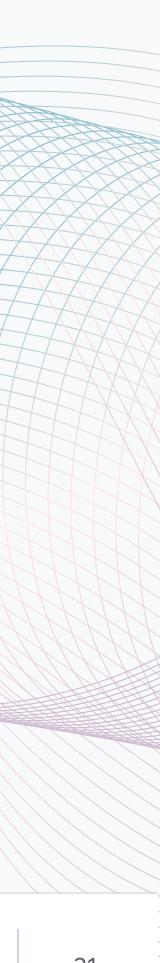
- A leader in developing psychedelic product candidates to treat brain health disorders
- Diversified pipeline of clinical programs targeting significant unmet medical needs
- IP and R&D strategies intended to maximize market exclusivity and protection
- Leveraging decades of research on clinical and preclinical potential of product candidates
- Expertise in drug and digital medicine development and commercialization
- Expected cash runway through key clinical readouts and into 2026¹
- MM-120 (LSD D-tartrate) for the treatment of GAD and ADHD
 - Phase 2b dose-optimization study ongoing for the treatment of GAD; topline results expected in Q4 2023
 - Phase 2a study ongoing for the treatment of ADHD; topline results expected in Q4 2023 / Q1 2024

• MM-402 or R(-)-MDMA for the treatment of core symptoms of ASD

- IND-enabling studies ongoing; initiation of a Phase 1 clinical trial is planned in Q4 2023
- Phase 1 (UHB) investigator-initiated trial of R-, S- and R/S-MDMA in healthy volunteers ongoing; topline results expected H1 2024

1. The company's ending Q2 2023 cash and cash equivalents of \$116.9 million and committed credit facility are expected to fund operations into 2026, if certain milestones are achieved that unlock additional capital.











MindMed

