Psychedelic Inspired Medicines

January 2021

NEO	OTCQB	DE
MMED	MMEDF	MMQ

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Broadest & Most Diversified Pipeline of Psychedelic Drugs in Clinical Development and R&D

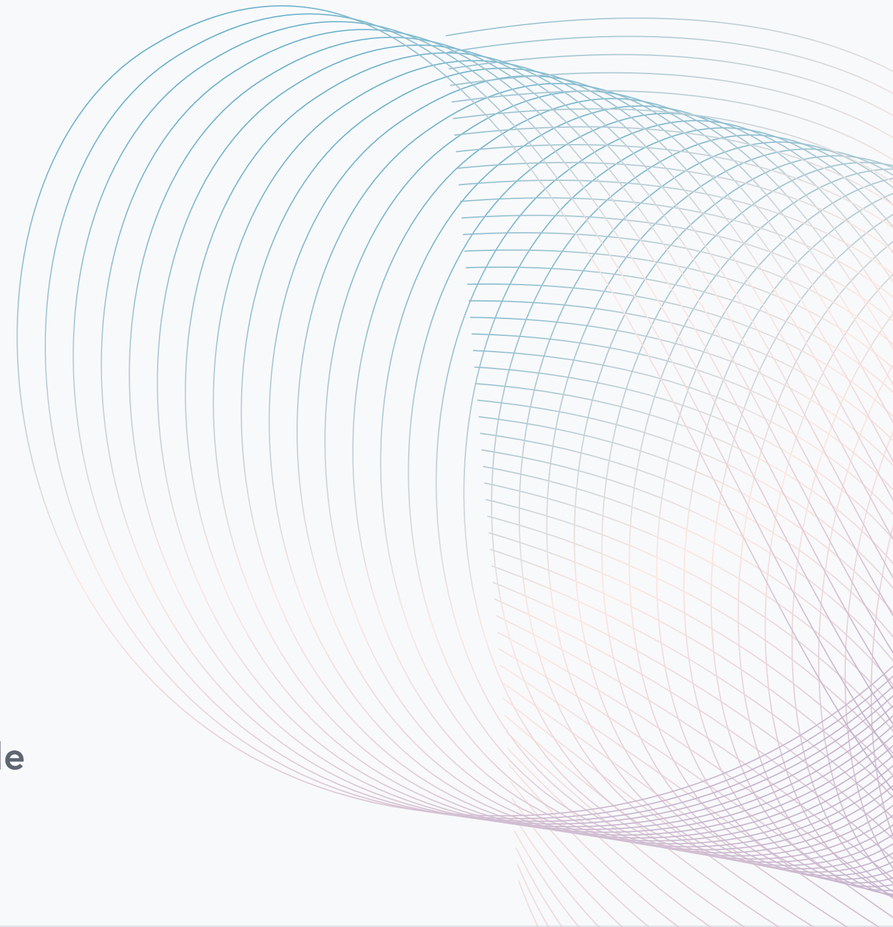
Pipeline Diversification Offer Access To Full Spectrum Of Psychedelic Inspired Medicines

Establishing A New Class Of Medicine For Mental Health

Psychedelic Inspired Medicines

Development Principles:

1. **Patient First:** Focus on multiple signficant unmet patient needs in mental health and addiction
2. **Industry Expertise**: Paramount pharmaceutical industry experience
3. **Data Moats**: Regulated clinical trials
4. **Diversify Pipeline**: Pipeline of compounds increases our total addressable market and likelihood of commercialization
5. **Collaborate**: Evaluate partnerships with biopharma companies to accelerate product development with non-dilutive capital
6. **Invest Early**: We agressively explore accretive M&A opportunities while investing in pertinent mental health technologies



FDA Is The Only Way

FDA Has Clear Regulatory Framework & Commercialization Pathway

FDA View and Process:

1. File IND - Investigational New Drug
2. Approval by the Institutional Review Board
3. Conduct research under Schedule 1 License from the DEA (if compound is schedule 1)
4. Complete usual clinical trial process for approval

Breakthrough Therapy Designation (BTD):

- Others have already received three designations in psychedelics

Additional incentives for Opioid Use Disorder:

- Accelerated Approval/Breakthrough Designation for development of treatments for opioid use disorders
- Lowered threshold for approval

Patients Already Being Dosed in Regulated Environments:

- Multiple ongoing clinical trials in the U.S. already at Johns Hopkins & NYU

Big Pharma: Search and Acquire

Psychedelic Inspired Medicine has already been approved

Major corporations are coming on board:

Johnson and Johnson SPRAVATO (Esketamine)
Multiple indications approved by the FDA
=$1.5 Billion USD[5] in annual sales

APPROVED

Spravato™ (esketamine) CII nasal spray

Janssen Pharmaceutical Companies of Johnson & Johnson

NYU Langone Health | DARPA | Johns Hopkins University | UCSF

Institutional Interest & Investment in Psychedelics:

- Government: DARPA ($27 million USD)[30]
- Big Pharma: Johnson & Johnson Phase 1 to Approval (Spravato)
- Universities: Johns Hopkins University ($17 million USD),[31] UCSF School of Nursing, NYU Langone School of Medicine

Bottom line: Nearly $525 million USD[33] invested in first half of 2020, projected to grow at 16.3%[32] CAGR

Markets Are Massively Underserved

Estimated $100+ billion[19] global total addressable market for psychedelics

ANXIETY

$4.7B

Global annual anxiety drug sales[6]

ADHD

$9.5B

Global annual ADHD drug sales[6]

ADDICTION

$42B

Substance abuse treatment market[45]

DEPRESSION

$9.6B

Global annual depression drug sales[6]

According to national drug abuse data, overdoses have increased 42% since Covid-19[39]

Mental health experts find a strong link between loneliness/depression and drug overdoses[40]

MindMed Is Collaborating With Leading Psychedelic Researchers

Clinical Researchers With Psychedelic Research Experience Are Rate Limiting Factors

University Hospital Basel's Liechti Lab

- Acquired 10+ years of valuable research & data
- Most valuable LSD data for drug development
- 18 completed or ongoing clinical trials of psychedelics

Maastricht University

- Leading research experts for microdosing of psychedelics
- Phase 2a Clinical Trial - Adult ADHD

Professor Dr. Matthias Liechti, PhD & M.D.

Leader of Liechti Lab at University Hospital Basel

Dr. Kim Kuypers PhD

Dr. Peter Gasser M.D.

"Meet the Only Doctor in the World Legally Allowed to Use LSD to Treat Patients" - VICE

Matthew W. Johnson, PhD

Leading expert at Johns Hopkins University Center for Psychedelic Research

Investing in the Future of Medicine with NYU Langone Medical Center

Building critical infrastructure for bridging access to large groups of mental health professionals

Long-term Commitment to Solving Mental Health Issues:

- MindMed is committing $5 million USD over a five-year period
- Initial focus on substance use disorders including opioid addiction and alcoholism
- Catalyze efforts to recruit and train more psychiatrists and clinical investigators

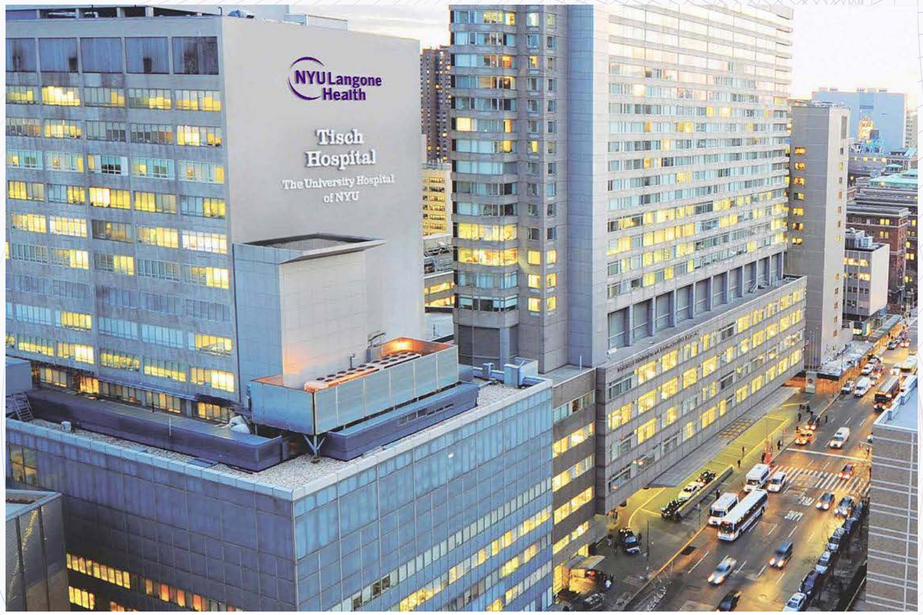
Managed by NYU's Seasoned Clinical Experts

Michael Bogenschutz, M.D.

Primary investigator leading the effort towards FDA approval of psilocybin-assisted psychotherapy for Alcohol Use Disorder

Stephen Ross, M.D.

World leader in advancing research on psychedelic medicine and a prominent addiction psychiatrist



NYU Langone MEDICAL CENTER

NYU Langone Health and NYU Grossman School of Medicine

Defining A New Asset Class

Product Delivery Categories

Non-Hallucinogenic

- LSD Microdosing for ADHD
- 18-MC for Addiction

HOW IT'S DONE

Derived from psychedelics, negligible hallucination effect

HOW IT'S DELIVERED

Doctor prescription

Pharmacy pickup and take-home

Hallucinogenic

- LSD Experiential Therapy for Anxiety
- LSD Experiential for Cluster Headaches

HOW IT'S DONE

A high dose or "experiential" dose of psychedelics

HOW IT'S DELIVERED

Overseen by therapist & doctor

In-clinic treatment only

Our Development Process

MindMed's Capital Efficient Corporate Strategy

Discover	Develop	Deploy
Acquire new chemical entities and other psychedelics through strategic partnerships and collaborations	Take compounds through FDA regulated clinical trials while partnering with pharmaceutical companies	Build strategic alliances with hospitals, research centers, and ultimately insurers that will license our protocols and drugs

The Time Is Now

MindMed Is In A Unique Position At A Catalytic Time In Drug Development History

Our Thesis:

Patients deserve more effective medicine and therapies for mental health and addiction

Untapped Value : Psychedelics have not become medicines due to stigma, not the safety/efficacy profile

Compounding All Of This : Covid-19, joblessness and the autonomization of society

Addressing The Opioid Crisis

18-MC

Time Is Now: Addiction Patients Need New Options

Existing Addiction Treatments Have Led to a $2.5 Trillion USD Problem[8]

$700 Billion USD

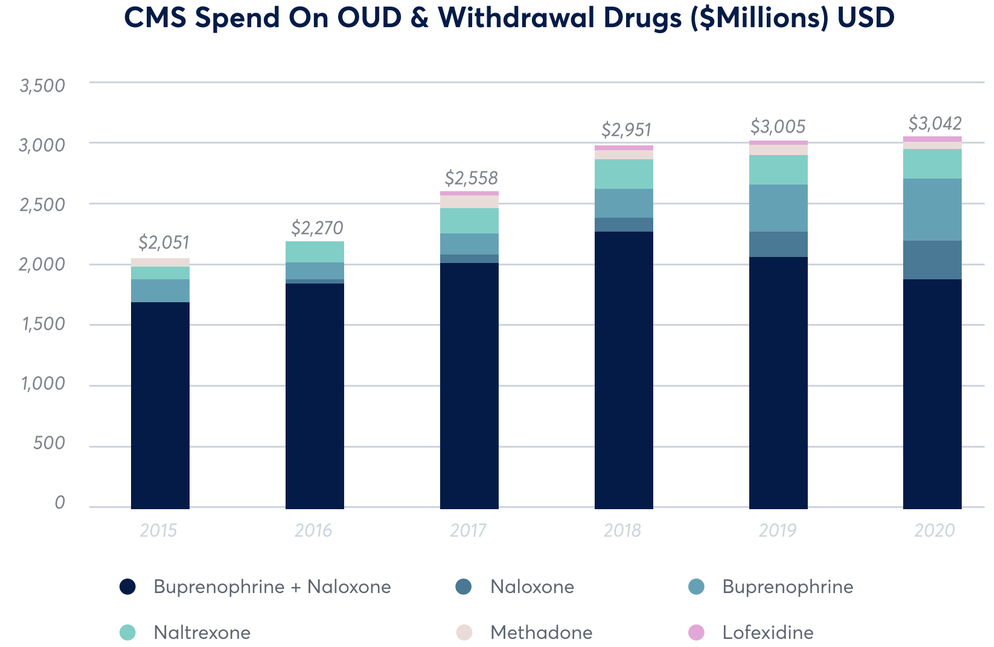
Annual Cost of Opioid Use Disorder (OUD) to the United States[8]

92 M

Amount of People Using Prescription Opioids in the US[7]

+395%

Increase in Overdose Deaths Involving Prescription Opioids 1999-2018[3]



Source: US Centers for Medicare & Medicaid Services

The Problem Is Clear

Working Alongside The FDA for Potential Approvals

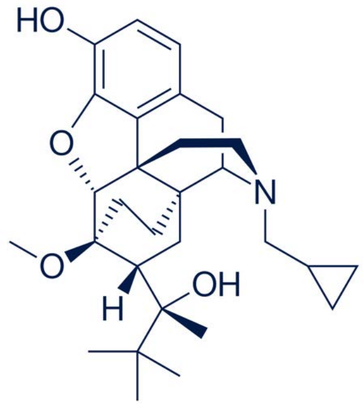
New FDA Incentives for Opioid Treatments

- Accelerated Approval/Breakthrough Designation for development of treatments for opioid use disorders

- **New threshold for approval:**
  Patients can show signs of "fewer occasions per day" rather than total abstinence

88%

Even after 12 weeks of treatment with buprenorphine/naloxone, over 88% of patients relapse when drug therapy is tapered[38]



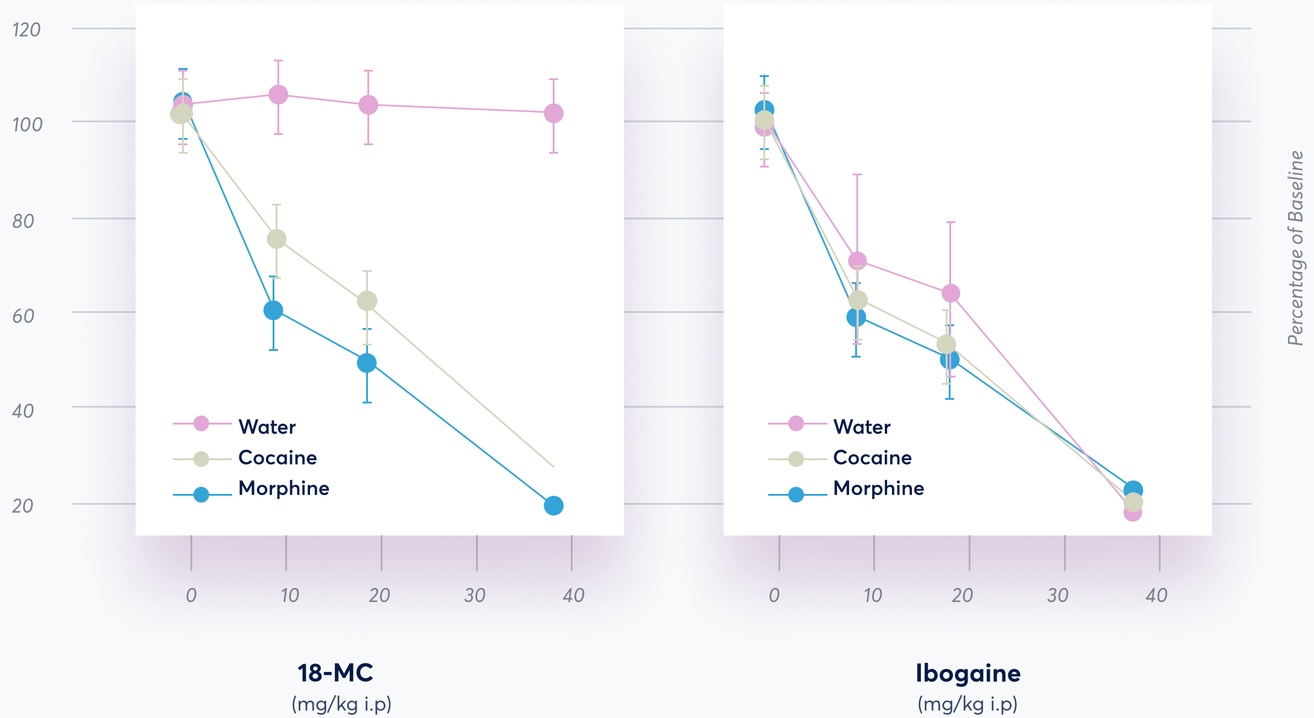
Introducing 18-MC, Next Gen Addiction Therapeutic

18-MC focuses on fixing the problem, rather than covering it up

18-MC works as well as Ibogaine without the harmful side effects: non-hallucinogenic and non-cardiac toxic

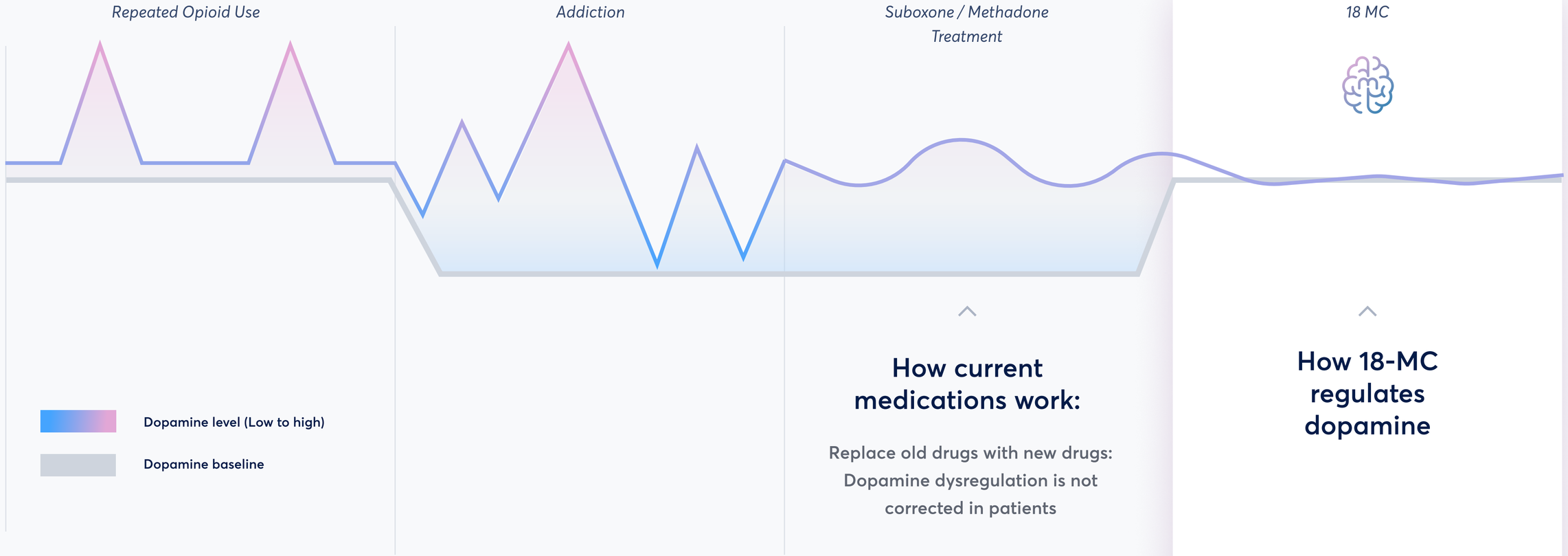
- MindMed intends to apply for BTD for 18-MC, which shortens the timeline for drug development and review by an average of 30%[41]

18-MC has been shown to be as effective than Ibogaine without the toxicity



18-MC Approaches Addiction Differently

Addressing Addiction as a Brain Disease



How current medications work:

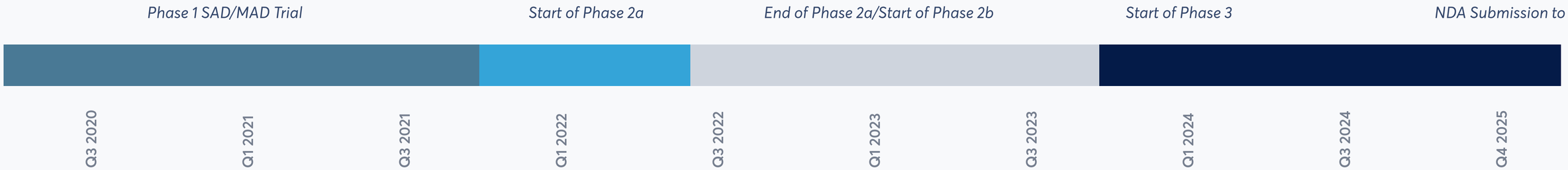
Replace old drugs with new drugs: Dopamine dysregulation is not corrected in patients

How 18-MC regulates dopamine

18-MC Development Plan

Timeline Overview

18-MC Development Timeline



Phase 2a Trial Design:

Single Ascending Dose: Yeah ongoing

Multiple Ascending Dose: ongoing

Investigating the efficacy of 18-MC in mitigating the symptoms of opioid withdrawal

Three cohorts:
High Dose
Low Dose
Placebo

Participants will be treated for 8-days while undergoing opioid detox

32 patients per cohort

Management of withdrawal symptoms compared with placebo

Proportion who complete the trial compared with placebo

*Management estimates; actual timeline will depend on results, approvals and other factors outside of MindMed's control

Project Lucy

LSD Assisted Therapy

Next Up: The Xanax Crisis

Serving Those in Need While Breaking Obsolete Stigma

284M

Globally suffer from anxiety[23]

36%

of patients actually seek treatment[15]

MindMed is developing a new approach to treat anxiety that is not a 'pill a day'

Covid-19 Adding Fuel to the Fire

ANTI-ANXIETY PRESCRIPTIONS

+34.1%

Month-over-month increase[20]

XANAX

+14.5%

Year-over-year increase[21]

From Problem Child To Wonder Child

LSD Is Relatively Non-Toxic, Stigma Is More Dangerous

LSD May Be A Safer Alternative:

Safety profiles show LSD to be among the least harmful drugs in the world (Alcohol is most harmful)[42]

Current medications have asymetric Risk:Reward profiles

Benzodiazpines are 2x more dangerous than LSD[42], yet 30 million people are prescribed them every year[43]

LSD is not what you think:
Emergency Department visits involving illicit drugs, 2011[37]

Substance	ED Visits
Cocaine	505,224
Heroin	258,482
Cannabinoids	479,560
Amphetamines	159,840
LSD	**4,819**
% of Total ED Visits	**.34 of ED visits**

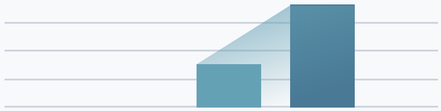
MindMed Acquired Phase 2 Trial

Using Phase 2 Trial To Jumpstart a Potential Phase 2b LSD Trial For Anxiety Disorder

Value through clinical trial acquisitions:

Acquired ongoing Phase 2 Anxiety clinical trial from UHB led by Dr. Peter Gasser & Dr. Matthias Liechti

PRE-DISCOVERY → DISCOVERY → PRE-CLINICAL → PHASE 1 → PHASE 2A → PHASE 2B → PHASE 3



Based on industry averages, this saves roughly $8.4 to $26.2 million USD in non-dilutive financing costs and 4+ years of time[29]

LSD Development Plan:

Currently preparing to open the IND with a Phase 2 Study

Plan to file IND Q3 2021

LSD Microdosing
Testing a Silicon Valley Trend

Backed By Decades of Anecdotal Evidence

Using Sub-perceptual Amounts of LSD (Microdose)

Extensive anecdotal evidence suggests microdosing Psilocybin & LSD may:

- Increase focus
- Decrease anxiety
- Increase creativity
- Improve mood

Sub-perceptual/Non-Hallucinogenic:

- Microdose (Sub-perceptual): 10-25 ug LSD
- Limited rigorous science and clinical trials

Generation Adderall Seeking New Options

Adults raised on stimulants need new options

Math Doesn't Lie: The Problem is Getting Worse

- 16 million adult ADHD sufferers[2]
- 123% increase in prevalence[25]

And Patients Need an Alternative

- 89.1% not receiving treatment[11]

> "It's 'quite possible' that low doses of LSD could have a stimulant effect by activating dopamine pathways in the brain. Like Adderall and Ritalin, it may excite the cerebral cortex, which controls high-order cognitive functions such as perception and sensation."[44]

DAVID NICHOLS

Professor of Pharmacology at Purdue University, Indiana

LSD Microdosing Phase 2a Clinical Trial

Proof of Concept - Entered into clinical trial agreements with Maastricht University and University Hospital Basel

Dr. Kim Kuypers will serve as Principal Investigator for Maastricht site

Dr. Matthias Liechti will serve as Principal Investigator for the Basel site

Clinical Trial Progress and Details:

- Phase 2a anticipated to begin in Q3 2021 in Europe
- Low dose LSD (20 mcg) compared with a placebo administered for 6 weeks

Locations

- Maastricht (Netherlands)

Groundbreaking LSD Microdosing Study Using Digital Clinical Markers

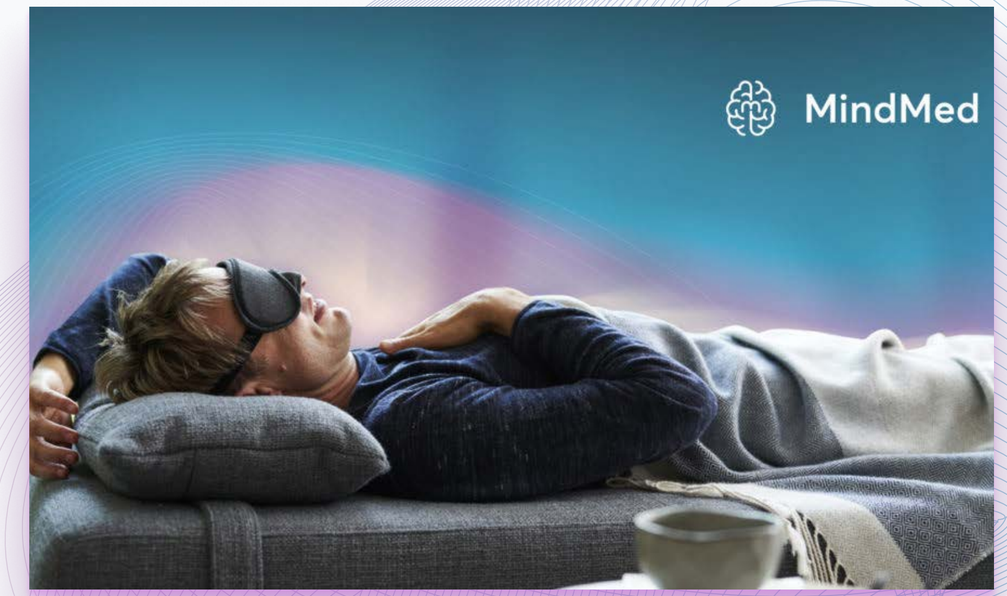
Evaluating Benefits on Neuroplasticity, Sleep, Cognitive Enhancement Variables and Immune System Response on the Human Body

Combining LSD & Digital to Understand Effects On:

- BDNF plasma levels
- Sleep measures
- Quality of life
- Mood
- Cognitive performance
- Immune system response

World-Leading Researchers

- Led by Dr. Kim Kuypers



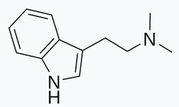
MindMed Discover

MindMed IP & Pipeline Generator In Switzerland

Creating Next-Gen Medicines & Delivery Methods

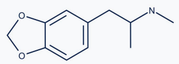
MindMed is working with the Liechti Lab to research and develop next-gen therapies, compounds, and dosing technologies

We have an exclusive license for DMT, MDMA, LSD and Psilocybin

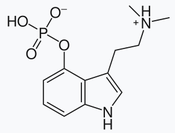


DMT

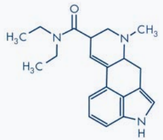
Active ingredient in Ayahuasca



MDMA



PSILOCYBIN

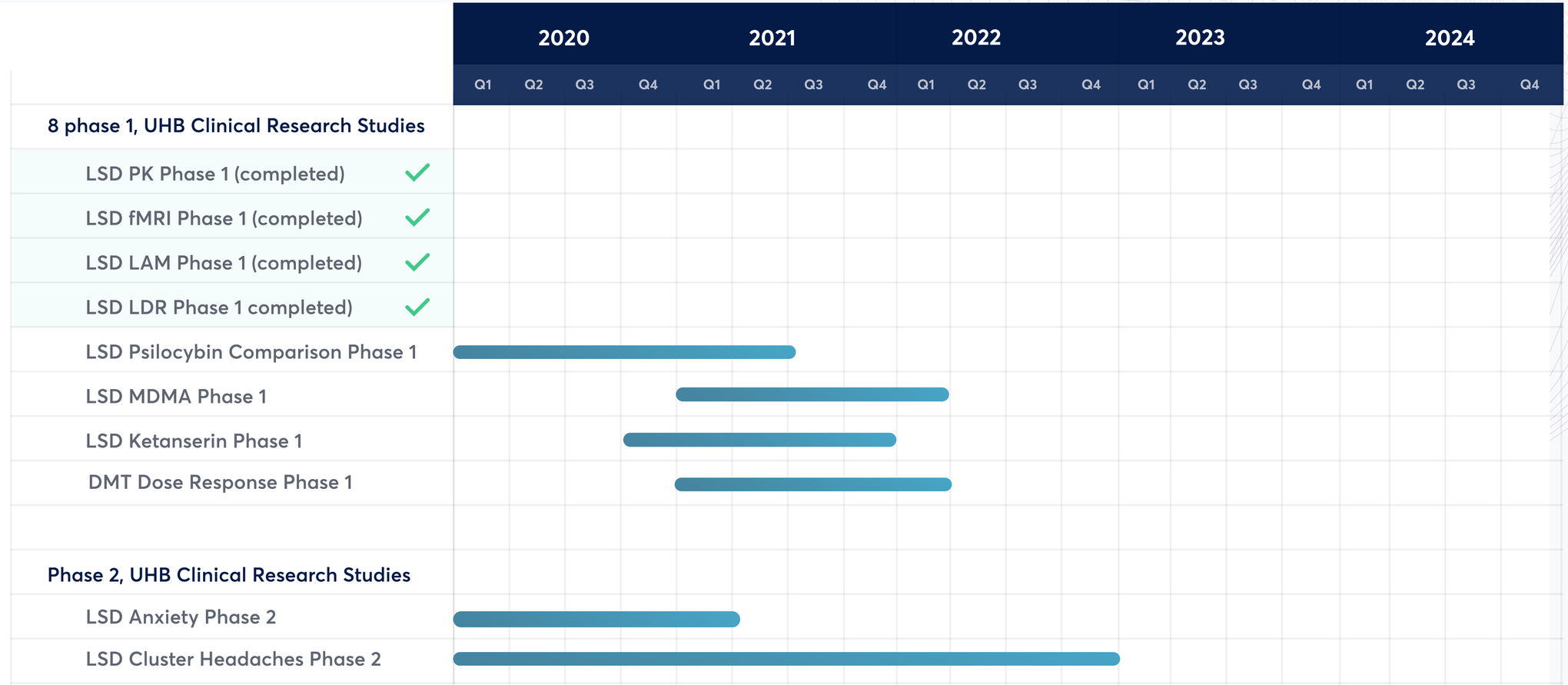


LSD

Universitätsspital Basel | Department of Biomedicine

University Hospital Basel

Exclusive License To Multiple Ongoing Phase 1 & 2 Trials



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First Ever Clinical Trial Combining LSD & MDMA

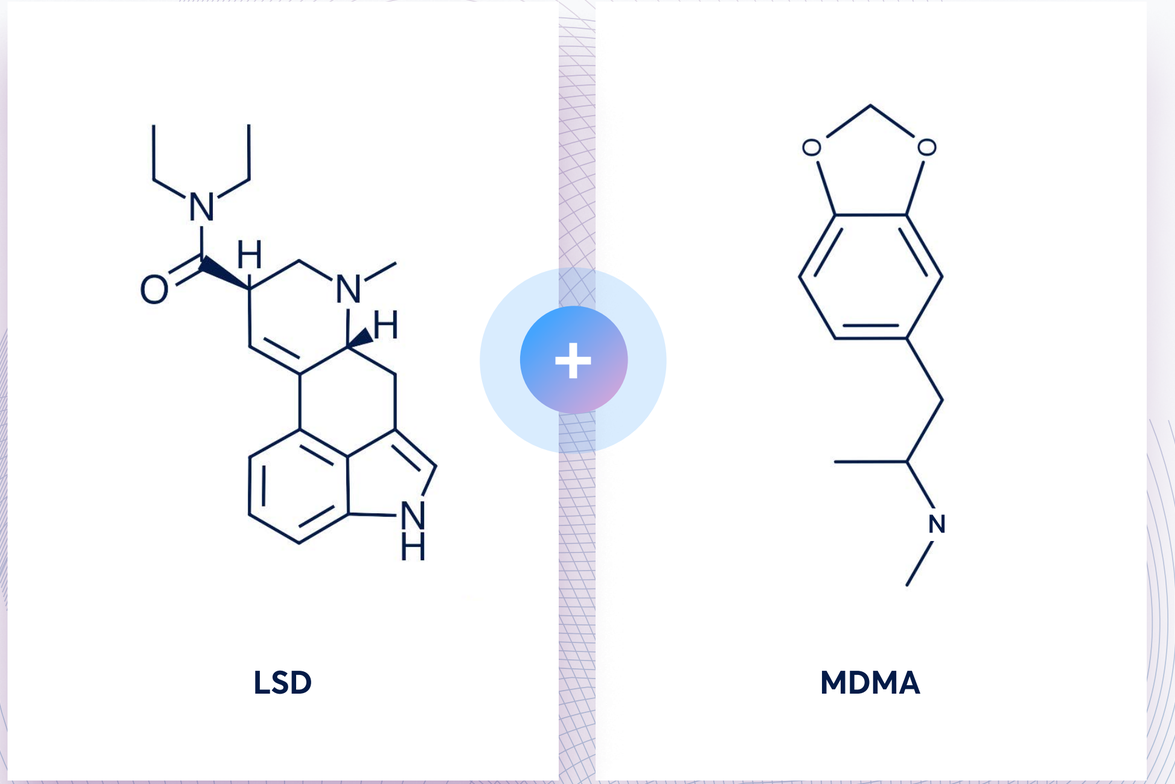
Phase 1 Clinical Trial Evaluating LSD-MDMA Combination

Clinical Trial Progress and Details:

Phase 1 LSD-MDMA trial is scheduled to start in Q1 of 2021 in Basel, Switzerland

Purpose:

Evaluating if LSD & MDMA within the same session produces greater overall positive acute effects when compared to LSD or MDMA on their own



Small Population - Horrific Problem

Phase 2a LSD Trial for Cluster Headaches, also known as "Suicide Headaches"

Clinical Trial Progress and Details:

- Phase 2a began treating patients in Q2 2020
- Expected readout in Q4 2022
- LSD pulse regimen (3 x 100 µg LSD in three weeks) in 30 patients
- May evaluate a sub-population for orphan drug designation

Potential for Near-term Value:

Orphan drug designation gives companies exclusive marketing and development rights to recoup R&D costs in rare disease treatment

Invaluable & Protectable IP

LSD Neutralizer:

- Shorten and stop LSD trips while giving the patient and therapist control
- MMED and UHB have filed a patent application in the US, which preserves worldwide rights

Personalized dosing:

- Two patent applications covering MDMA dose optimization and LSD dose response - MMED has the exclusive global commercial rights
- Identifying best technologies to implement personlization techniques for patients

Albert: The Digital Medicine Division for Psychedelics

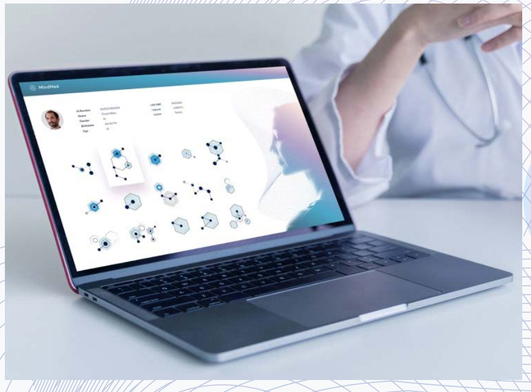
AI spend in healthcare and pharma to increase four-fold by 2025[46]

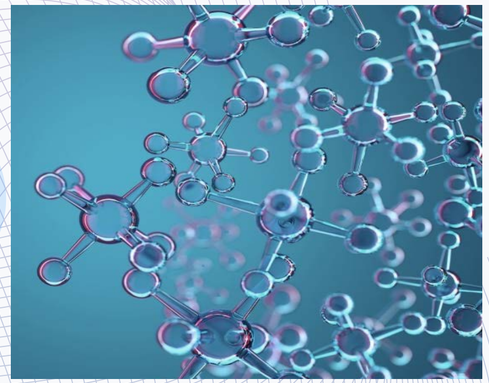
Can enhance all phases of the clinical paradigm:

- Development
- Diagnosis
- Monitoring
- Telehealth modalities
- Treatment
- Relapse prevention
- Adherence
- Remote clinical trials

Real-World Results from Digital Medicine

- Potential $70B USD in drug discovery savings by 2028[47]
- 28% improvement in adherence[48]
- Cut incorrect drug dosage intake by as much as 50%[49]





Pairing digital tools, such as wearables and the latest in machine learning, with psychedelic assisted therapies

Team

JR Rahn

Co-Founder, Director & Co-CEO

JR is a former Silicon Valley tech executive. JR worked in market expansion and operations at Uber. After leaving Uber, he was backed by the Silicon Valley tech accelerator Y Combinator for his company Upgraded.

Stephen L. Hurst, JD

Co-Founder, Executive Chair & Co-CEO

Steve has more than thirty-five years' experience in the biopharmaceutical industry including work for The Immune Tolerance Institute, The Regents of the University of California, The World Bank and BIO Ventures for Global Health.

Dr. Miri Halperin Wernli, PhD

President; Board Director; Head of Development Pipeline Programs & Digital Medicine

Dr. Halperin Wernli previously worked in clinical psychiatry in Swiss academic hospital settings and then held various global senior leadership positions in the pharma and biotech industries in Switzerland and in the US (Merck, Sharp and Dohme, Roche and Actelion pharmaceuticals) covering Product Development, R&D, and Strategic Marketing.

Carol Nast

Chief Operating Officer

Carol has spent her career in executive level positions with large multinational companies and early stage companies in the medical industry. She is a recognized expert in product development and commercialization and has extensive experience in the management of complex, multinational partner programs and has lead successfully the development and commercialization of over 100 products.

Jeanne Bonelle

EVP, Technical Operations

Jeanne has established quality systems within the developmental phase for a wide range of products, including Senior Director of Quality Assurance at Inhale Therapeutic Systems, Inc., (now Nektar Therapeutics, Inc.); Director of Quality Assurance at Cholestech Inc. (now Alere Inc.); Manager of Quality Assurance at BioTrack, (now a subsidiary of Roche Diagnostics GmbH); Manager of Quality Assurance at BioResponse Inc. (now Baxter Health Care).

Dave Guebert

Chief Financial Officer

Dave Guebert is a CPA, qualified in both Alberta and Pennsylvania, and a Member of the Institute of Corporate Directors. He started his career in 1979 at Deloitte where he qualified for his CPA designations. He went on to serve as the Controller for the XV Olympic Winter Games from 1986 to 1988. Since then has taken on increasing senior roles, acting as Chief Financial Officer for a number of public and private companies, primarily in the technology industry.

Donald Gehlert, PhD

Chief Scientific Officer

Don has extensive experience in drug discovery and expertise in key functional areas of exploratory development and disease biology. During his career at Lilly, Don led or participated in teams that introduced 19 molecules into the Lilly pipeline including both small and large molecule therapies.

Nico Forte

Senior Director, Business Operations and Development

Nico has more than twenty-five years of marketing and business development experience primarily in the biopharma and medical device industries. His background includes B2B agency marketing and communication work for Bristol-Myers and Mead Johnson Oncology divisions as well as business development roles for Inhale Therapeutic Systems, Inc., (now Nektar Therapeutics, Inc.).

Madeline Feldman

Director of Operations & Administration

Madeline has a background supporting startups through corporate innovation and investor relations, fundraising for venture capital funds and non-profit organizations, and building out operational departments in various industries. She has a love for performing arts and works with artists in creating and producing stage shows for major venues and resorts.

Collin Gage

Head of Corporate Development

Collin began his career at Point72 Asset Management. From there, he worked at the Genjiko Family Office. While at Genjiko he was responsible for selecting and researching alternative investments, expansionary efforts, and capital management. Genjiko is the family office of a former Fortune 50 C-Level executive. During this period, Collin also helped co-found a biotech focused venture capital fund called Presight Capital.

Shahera St. John

Vice President, Programs

Shahera has nearly 20 years of project management experience. As an independent consultant, Ms. St. John supported companies of all sizes from start-up to Fortune 100 companies in biotech, pharma, and medical device. She has worked with various sized teams to help advance programs from early research/R&D through all phases of development, including Phase 3 and commercialization. Ms. St. John obtained her degree in Molecular, Cellular, and Development Biology from the University of California, Los Angeles.

Carole Abel

Senior Director Clinical Operations & Program Leader LSD

Carole has over 23 years of experience in multidisciplinary environments, including 15 years in the pharma industry in Switzerland (Actelion Pharmaceuticals and Creso Pharma). She has been successfully leading cross-functional teams and directing groups in different areas: operations, project management, and process improvements. Over the last few years, Carole has been instrumental in the preparation and coordination of corporate audits and due diligence activities.

Board of Directors

JR Rahn

Co-Founder, Director & Co-CEO

JR is a former Silicon Valley tech executive. JR worked in market expansion and operations at Uber. After leaving Uber, he was backed by the Silicon Valley tech accelerator Y Combinator for his company Upgraded.

Bruce Linton

Director

An Activist Investor with SLANG Worldwide Inc. (CSE:SLNG). Activist Investor with OG DNA Genetics Inc Founder and Former Chairman and CEO of Canopy Growth Corporation (CGC/WEED). Bruce chairs the board's Compensation, Governance and Nomination Committee.

Stephen L. Hurst, JD

Co-Founder, Chairman and Co-CEO

Steve has more than thirty-five years' experience in the biopharmaceutical industry including work for The Immune Tolerance Institute, The Regents of the University of California, The World Bank and BIO Ventures for Global Health.

Brigid Makes

Director, Chair of Audit Committee

Served as Senior Vice President and Chief Financial Officer of Miramar Labs. Former CFO for Nektar Therapeutics (formerly Inhale Therapeutics) B.A. in Finance and International Business from McGill University and an M.B.A. from Bentley University. Brigid chairs the board's Audit Committee.

Stanley D. Glick, PhD

Inventor 18-MC, Chair of Scientific Advisory Board, and Director

Former Professor of Pharmacology at Mount Sinai School of Medicine. Chaired the pharmacology and neuroscience program at Albany Medical College. Co-inventor of a novel group of agents (iboga alkaloid congeners) for treating drug addiction, including 18-methoxycoronaridine (18-MC).

Dr. Miri Halperin, PhD

President, Director

Dr. Halperin Wernli previously worked in clinical psychiatry in Swiss academic hospital settings and then held various global senior leadership positions in the pharma and biotech industries in Switzerland and in the US (Merck, Sharp and Dohme, Roche and Actelion pharmaceuticals) covering Product Development, R&D, and Strategic Marketing.

Perry Dellelce

Director

Managing partner of Wildeboer Dellelce LLP. Chair of the NEO Exchange, Canada's newest stock exchange. Board Member of Mount Logan Capital Inc. and Lendified Inc.

Scientific Advisory Board

Stanley D. Glick, PhD

Director and Chair Scientific Advisory Board

ALBANY MEDICAL COLLEGE

John Rotrosen, MD

Professor of Psychiatry NYU Langone

NIH National Institute on Drug Abuse · NYU Langone Health

Kenneth Alper, MD

Clinical Associate Professor of Psychiatry and Neurology

NYU Langone Health

Sarah McCallum, PhD

Associate Professor of Neuroscience and Experimental Therapeutics

ALBANY MEDICAL COLLEGE

Matthew W. Johnson, Ph.D

Professor at Johns Hopkins

JOHNS HOPKINS UNIVERSITY

Jed Rose, PhD

Professor in Psychiatry and Behavioral Sciences at Duke University

Duke UNIVERSITY

John Blacker, PhD

Professor of Process Chemistry, University of Leeds

UNIVERSITY OF LEEDS

Natalie Wheeler, PhD

Medical Science Liaison with Dova Pharmaceuticals

Dova PHARMACEUTICALS

Eric Edwards, MD, PhD

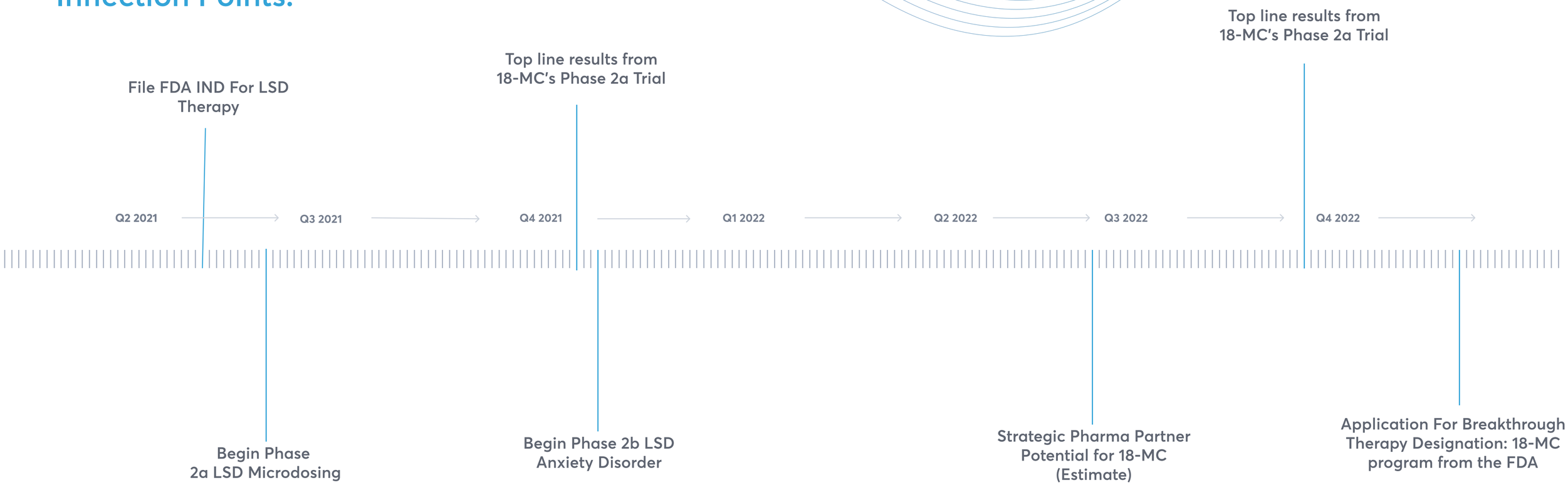
Co-founder and Member, Board of Directors at Kaleo, Inc.

kaléo

Near Term Inflection Points For MMED

MindMed Is Capitalizing On Opportunity

Inflection Points:



*Management estimates; actual timeline will depend on results, approvals and other factors outside of MindMed's control

NEO: MMED // OTCQB: MMEDF // DE: MMQ

First Publicly Listed Psychedelic Biotech Company

Share Ownership (As of 1/7/2021)		
Executive Team/Directors/Insiders	77,324,114	17.8%
Non-insider shares	306,694,081	70.8%
Equity Incentive Plan (Issued)	22,592,427	5.2%
Outstanding Warrants	26,680,875	6.2%
Total	433,291,497	100%
Number of Shareholders	30,000+	

Market Cap CAD: $1.8 billion January 7th ($4.21 price per share)

Market Cap USD: $1.4 billion January 7th ($3.21 price per share)

$184M

USD Raised since inception
(including warrants)

Strong investor backing

- Seed Round Aug '19: $6m USD
- Pre-Public Feb '20: $24m USD
- Bought Deal Financing May '20: $10m USD
- Bought Deal Financing Oct '20: $22m USD
- Bought Deal Financing Dec '20: $27m USD
- Bought Deal Financing Jan '21: $72m USD

Appendix

Mindmed in the News

THE WALL STREET JOURNAL.

"Psychedelics-Drug Startup Raises $24 Million Ahead of IPO." February 27, 2020

Bloomberg

"Its market capitalization of over C$1 billion puts the company ahead of at least eight companies in Canada's benchmark S&P/TSX Composite Index, according to data compiled by Bloomberg." December 9, 2020

BUSINESS INSIDER

"A startup that wants to use psychedelics to treat addiction just raised $6.2 million from the host of. Shark Tank and the architect behind the world's. biggest cannabis grower" Sep 30, 2019

FAST COMPANY

"This could save lives, cure depression, help alcoholism, get people off opioids—why wouldn't I want to be invested?" -Kevin O' Leary December 9, 2019

THE NEW YORKER

"New York is getting its first psychedelic-medicine center, with the help of a startup called MindMed, which develops hallucinogens to treat mental illness and addiction, and is funding an institute at N.Y.U. Langone Medical Center." October 12, 2020

FORTUNE

"Psychedelic drugs may transform mental health care. And big business is ready to profit from the revolution." February 17, 2020

Forbes

"Psychedelic Drug Company MindMed Applies For Nasdaq Up-Listing" September 25, 2020

TOWN&COUNTRY

"The evidence for psychedelics as medicine is far greater than that for CBD, which companies are selling to relieve ills from Parkinson's to Crohn's." April 13, 2020

"MindMed named one of 36 startups that could change the world" December 17, 2019

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