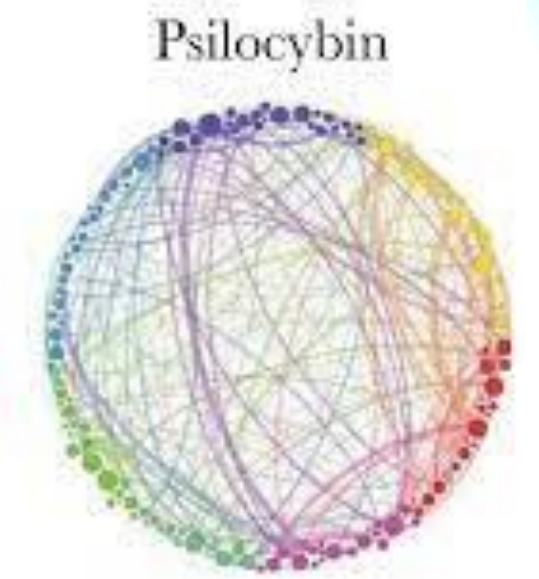
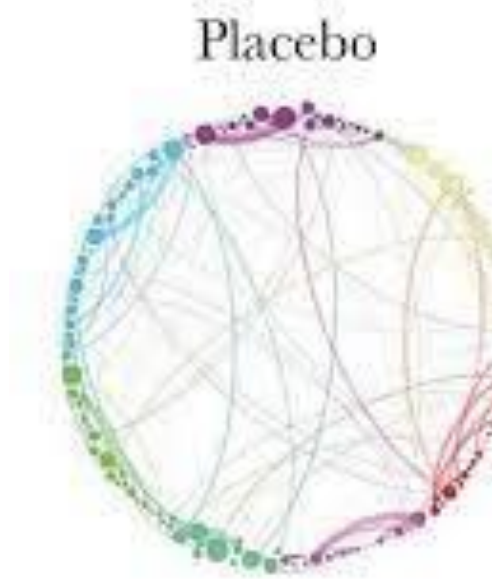
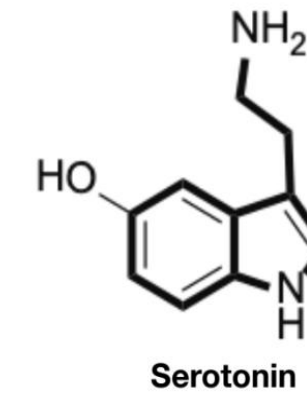
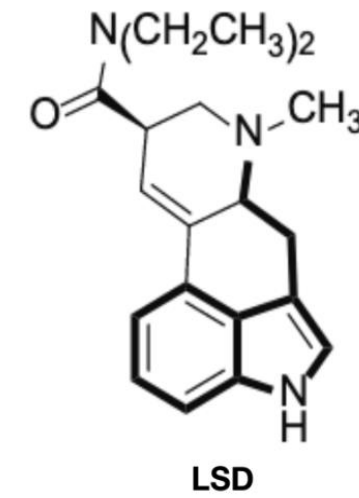




PsyEdu

PSYCHEDELIC EDUCATION
FOR HEALTH PROFESSIONALS



The Promise of Psychedelics: more than just our mental health

Dr Duncan Still
Academic Director
PsyEdu

Disclosures

- No drug company grants/associations
- PsyEdu Director – PsyEdu is a UK-based not-for-profit
- Drug Science, collaborator – UK-based Charity
- Consultant for Mind Medicine Australia – MMA is an Australian Charity

What we'll cover

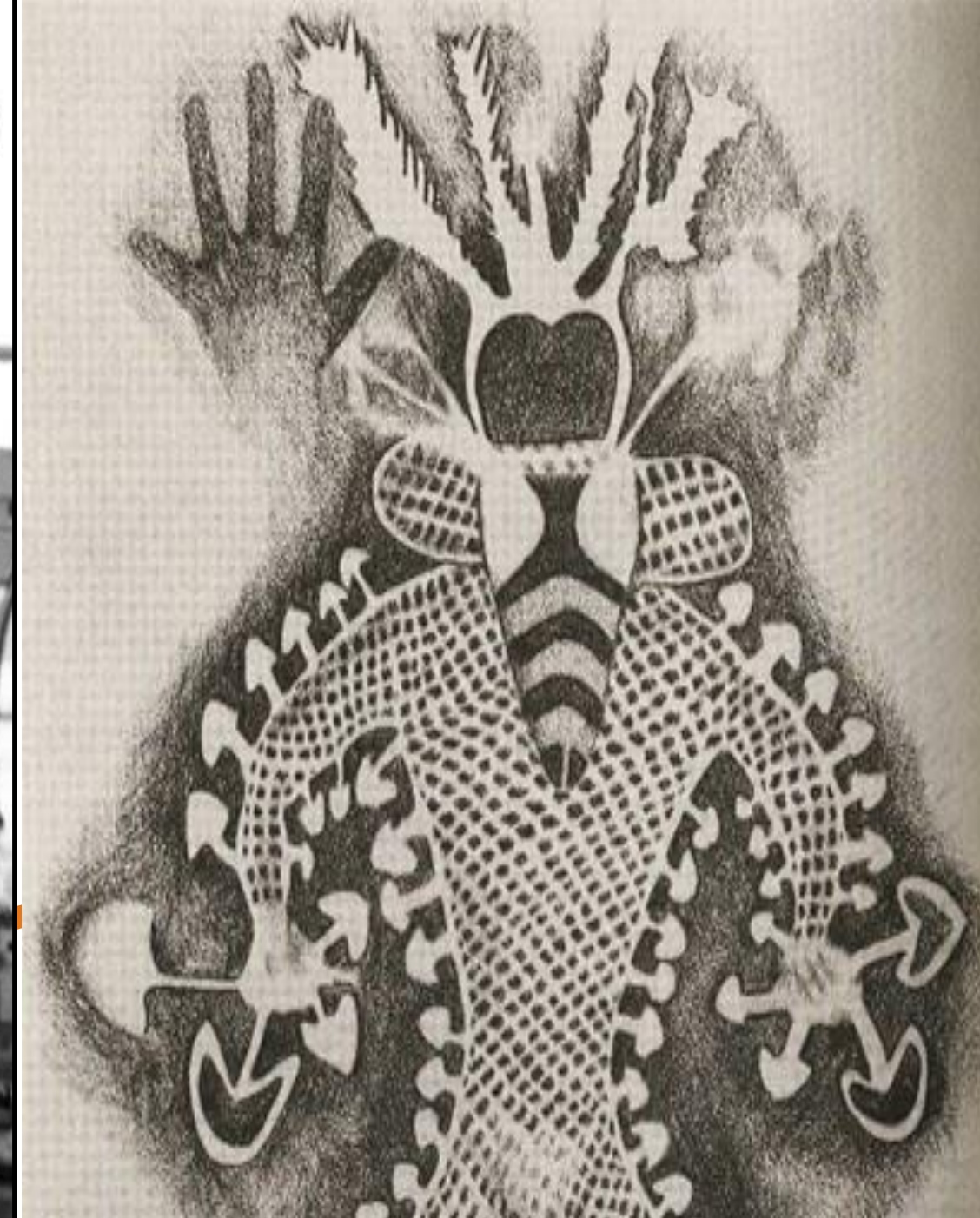
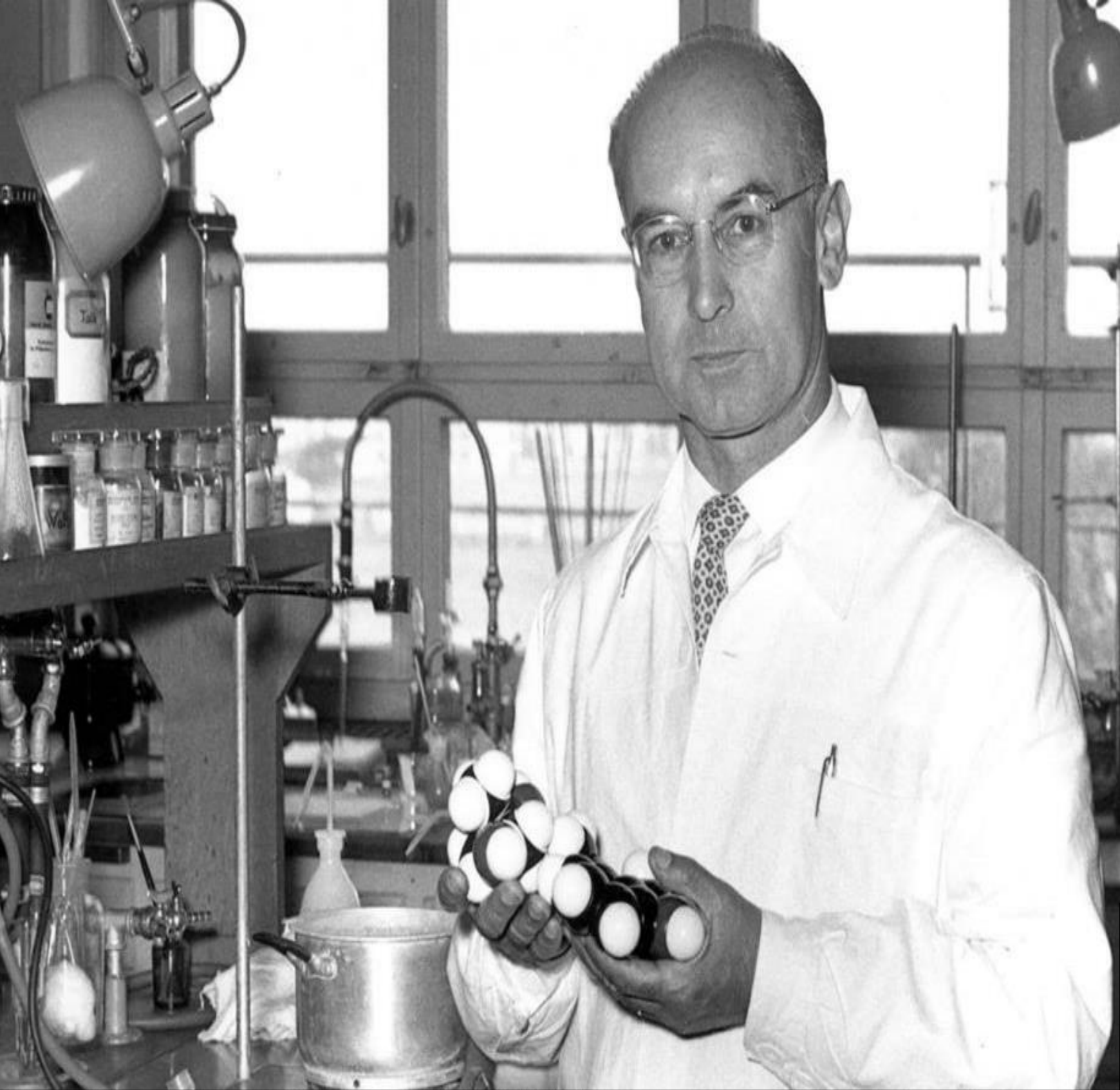
- Recap on the basics
- Update on the latest developments
- Challenges & Opportunities

Solution to our MH crisis?

Could they do even more than that?

Or might they not fulfil their potential?

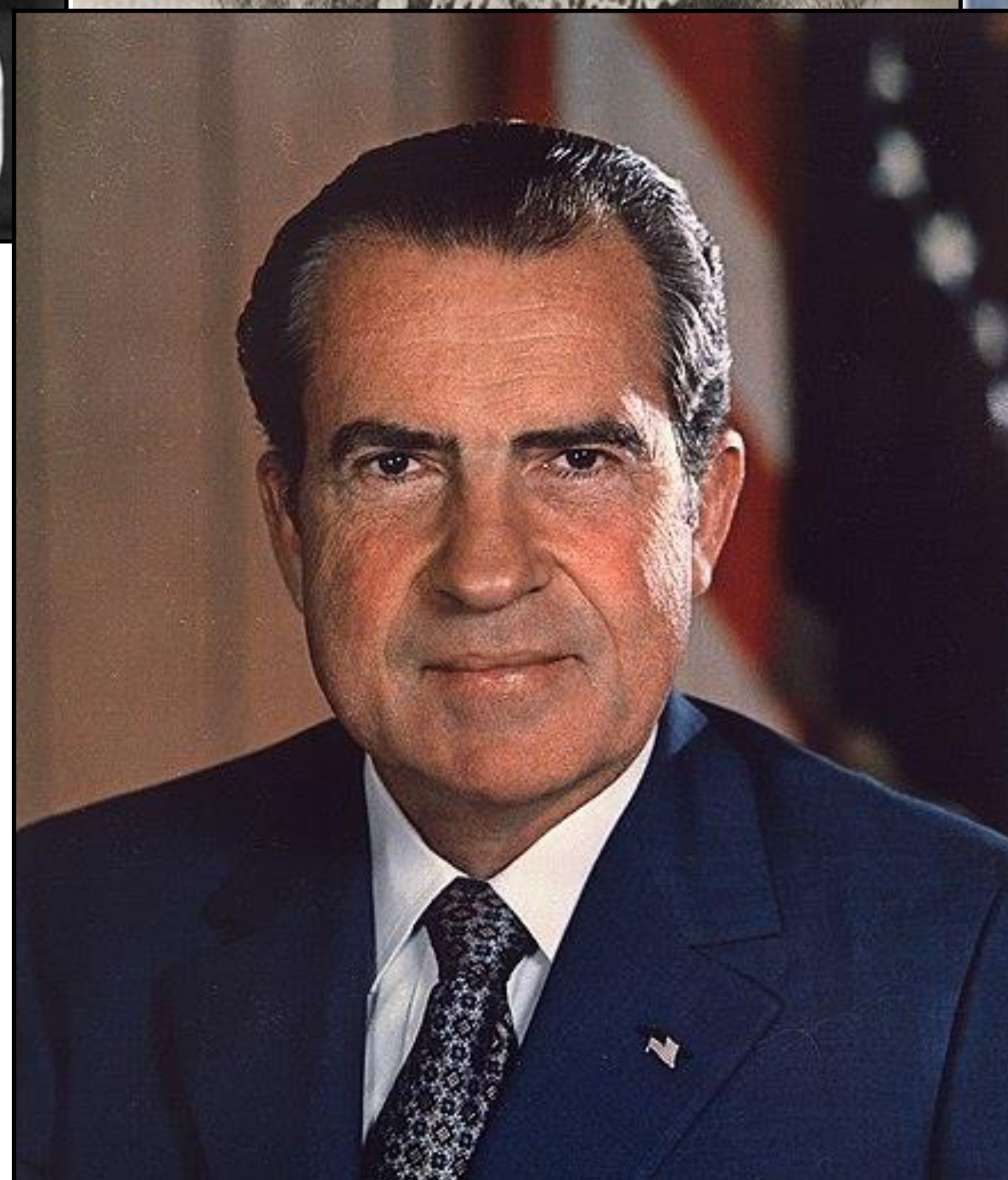
- A call to arms: “Education, Education, Education!”



“Did we know we were lying about the drugs?”

Of course we did.”

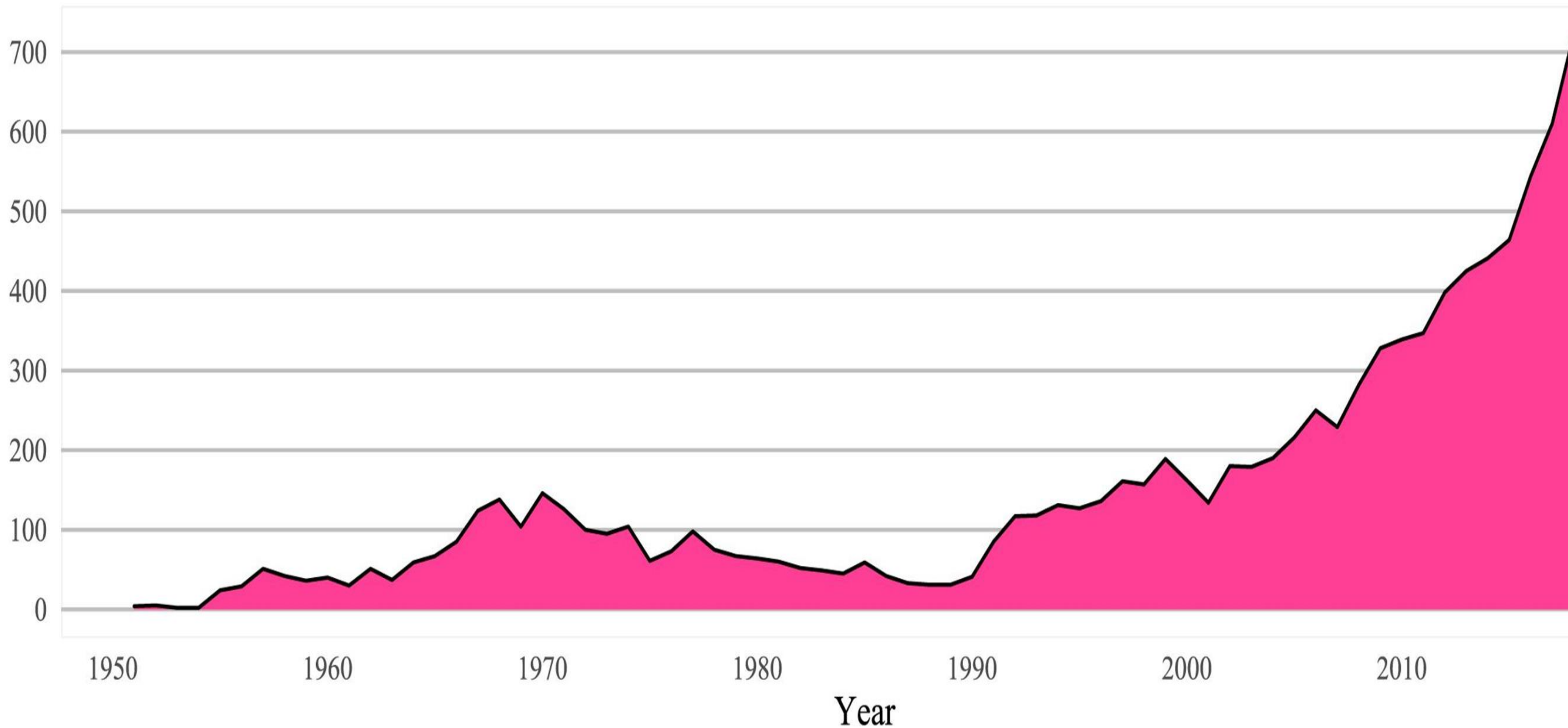
- John Ehrlichman,
domestic policy advisor
to Richard Nixon



“Results were overwhelmingly positive, describing safe and effective treatments.”

(Masters and Houston, 1971)

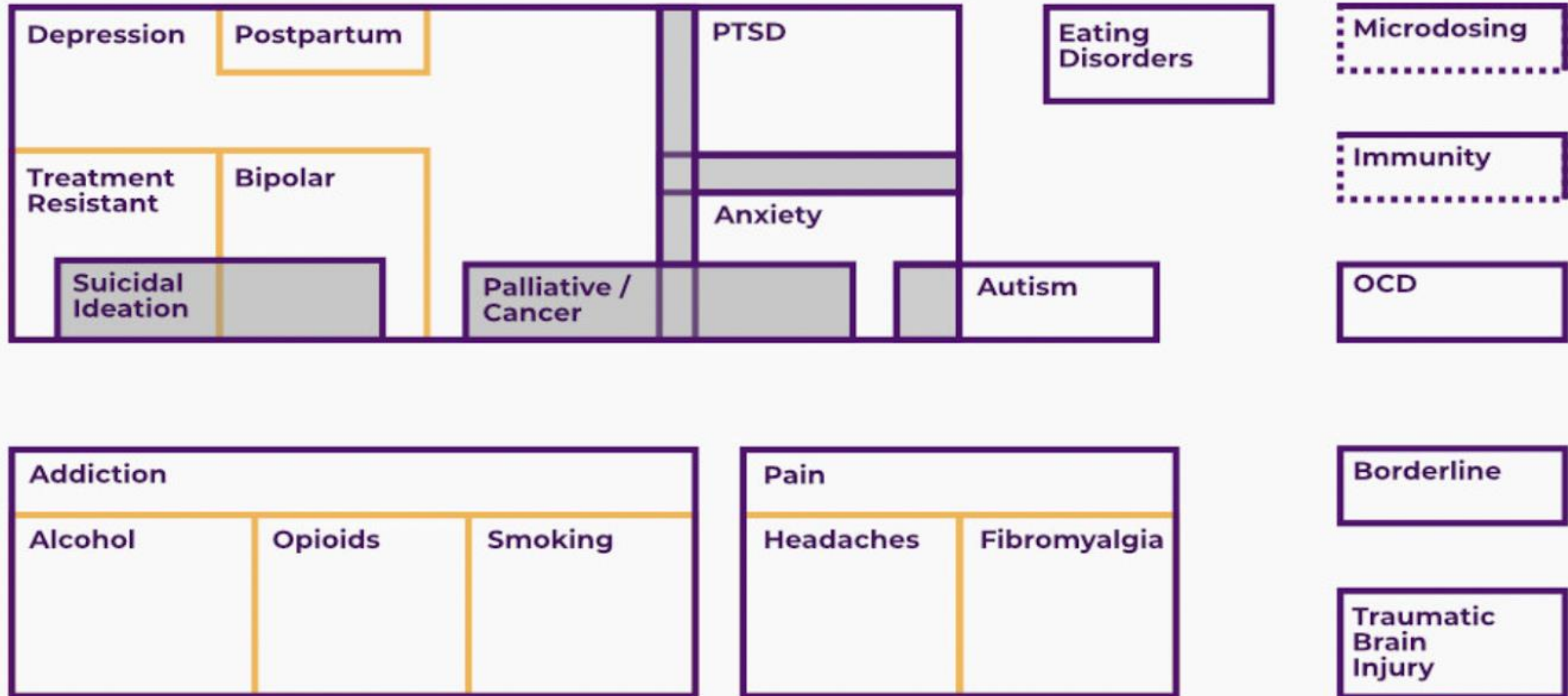
Nixon's 'War on Drugs' v 'The Renaissance'





SCOPE

AREAS OF CLINICAL RESEARCH



Areas for which psychedelics are being researched with a focus on clinical/therapeutic application. Displayed as (sometimes) overlapping areas (also called 'topics'). Research includes those on (classical) psychedelics, MDMA, ketamine, and second generation psychedelics.

The £8bn boom in magic mushrooms that's

'Gripping and surprising ... Makes losing your mind sound like the sanest thing a person could do'
THE NEW YORK TIMES

Michael Pollan
How To Change Your Mind
The New Science of Psychedelics

'The ketamine blew my mind': can psychedelics cure addiction and depression?

This week sees the opening of the first UK high-street clinic offering psychedelic-assisted therapy. Could popping psilocybin be the future of mental healthcare?



The Economist

Menu Weekly edition The world in brief Search Subscribe

The World Ahead | The World Ahead 2023

Psychedelic medicines are expanding into the public consciousness

Magic mushrooms are just the start



An Investor's Guide to the Emerging

PSYCHEDELICS INDUSTRY

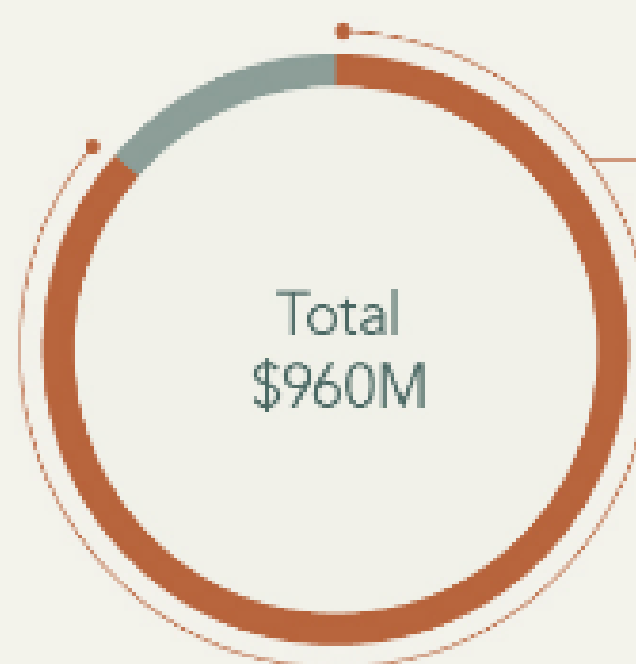
The psychedelics market has exploded in recent years, presenting new opportunities for investors as it continues to grow and evolve.

Due to its potential to revolutionize medicine as we know it, an eye-watering increase in capital flows has been pumped into the market, spurring its development further.

PSYCHEDELICS CAPITAL FLOWS

Sept 2020 — Sept 2021

The global anxiety and depression treatment market costs the global economy \$1 trillion in lost productivity each year. With continued investment, psychedelics could play an even more important role in treating both mental and physical illnesses.



\$830M

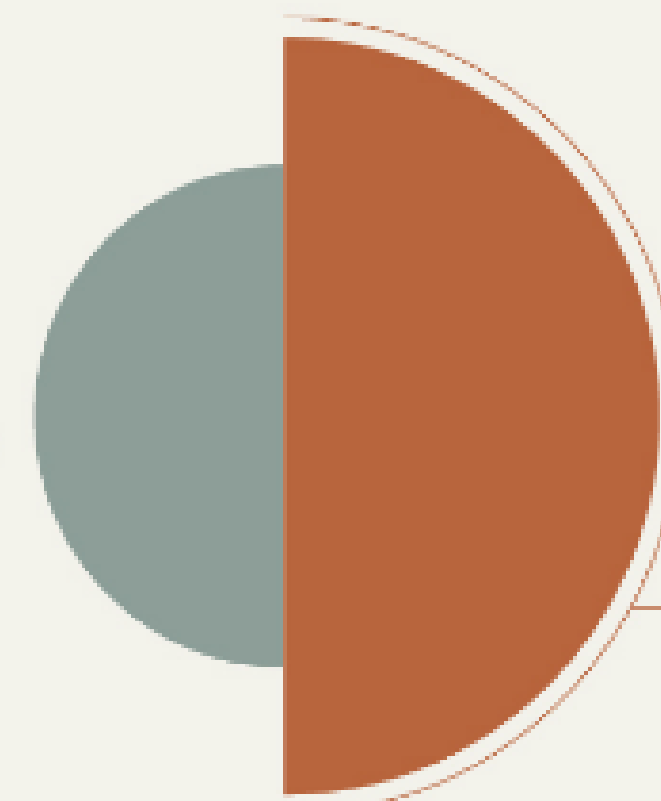
Public companies

Biotech/drug development is one of the largest sub-sectors that requires a huge amount of capital.

GLOBAL PSYCHEDELICS DRUG MARKET FORECAST

2020-2027

\$4.7B
2020



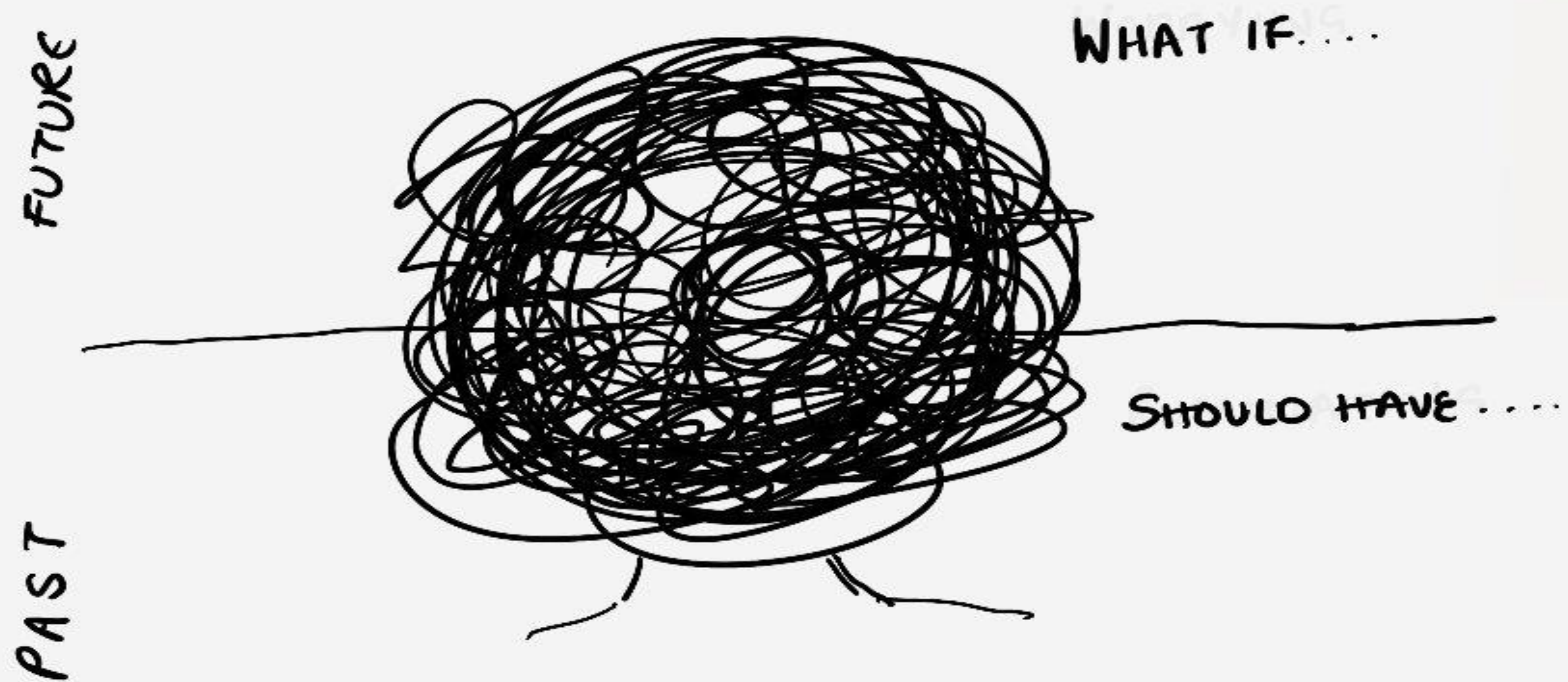
\$10.7B
2027p

CAGR 12.3%

What do psychedelics do to us?

- Above all – non-addictive & safe! (with screening and when used under guidance!)
– though some real risks
- Various Neurotransmitters & Various networks
- Neuroplasticity
- Anti-inflammatory effects
- Mystical experience – the most significant predictor of efficacy
- Psychological after-effects

Psychological effects





But more importantly . . .

Not just for Mental Health diagnoses

Results from Healthy Normal trials and Retreats

- **Health Behaviours:** plant-based diets, giving up smoking, reducing alcohol, Nature-time, more emotional awareness and expression, attention to self-care, pro-social tendencies
- **Psychological shifts:** creativity, openness, flexibility,
- **Personal development:** social relations, personal efficacy, self-actualisation
- **Societal shifts:** greater autonomy, questioning of power structures and values
- **Planetary benefits:** pro-environmental



What is happening now

In Australia

- As of July 1, 2023, MDMA for PTSD, psilocybin for TRD
- Jan 2024: 9 named psychiatrists, 1000's on waiting lists, 10's of thousands waiting
- Training programmes burgeoning
- But costs are high £10-15,000 for 6-9mths treatment
- A LOT OF HYPE!!!
- Increasing numbers of adults are self-medicating

What is happening now

In the USA

- Ketamine - legal but off-licence, clinics a-plenty – serious safety concerns
- Esketamine - expensive
- MDMA & Psilocybin federally illegal but state/city laws decriminalised
- FDA fast-track BUT slower than hoped – 2025? (implications for UK/Europe)
- A LOT OF HYPE!!!
- Increasing numbers of adults are self-medicating

What is happening now

In the UK



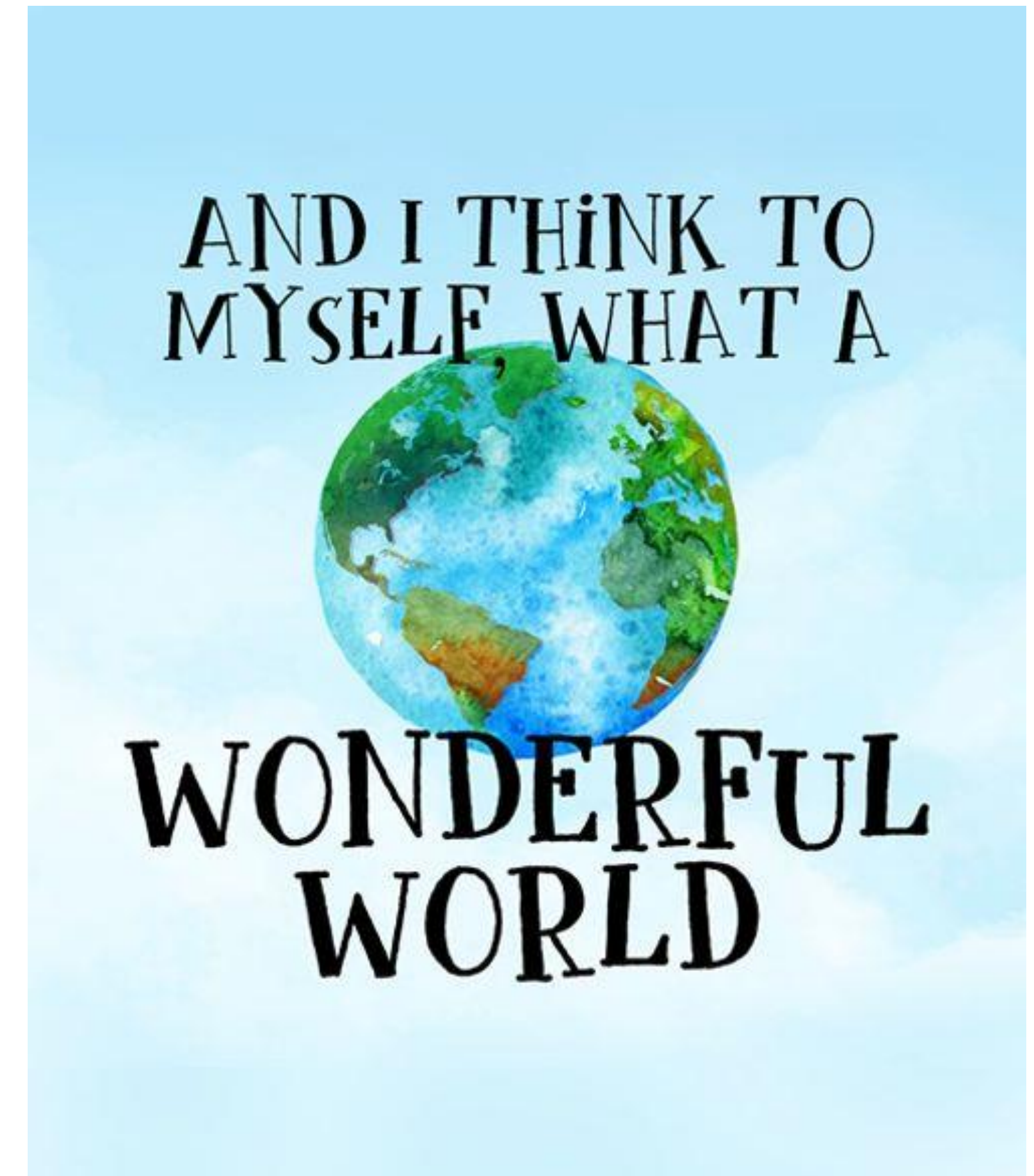
Challenges

Why my tempered enthusiasm?

- **New methodologies for trials** - blinding, expectation bias
- **How to deliver** - What role for therapy? What kind of therapy?
- **Health economists & pharmaceutical companies** - resolve the question of cost
- **Changes to Licensing** - to allow for easier research/cheaper access
- **Changes to the Law** — decriminalization has worked well in Portugal, Canada, locally in US and other countries
- **Importance of Preparation, Integration** and of 'psychedelically-informed society'
- **Deal with the 'Hype Bubble'** — deflate rather than burst

Opportunities

- The deflating of the Hype Bubble
- Imagine a world – healthier choices, compassion, beauty
- The biggest Health Crisis . . .



Outstanding Questions

- Pharma industry & Big Finance?
- Will the real-world results hold up?
- Supply v Demand? Training/Regulation/Licensing - (cf Medical Cannabis)
- Treatment of MH . . . or wider benefits?
- Are we ready?

Take-homes

- Safe – but not a panacea, not without risks
- Enormous MH potential but also challenges – research and roll-out
- Wider personal, societal benefits & planetary benefits
- Not like other medicines: ‘preparation’ is key (for individuals & society)
- “Education, Education, Education!”
- PLEASE consider [letters of support to the RCPsych](#) and to your New MP!

If you want to know more

- **Breaking Convention** – annual conference & recordings of prev. conferences
<https://www.breakingconvention.co.uk/>
- **Beckley Foundation** – major funders of research - <https://www.beckleyfoundation.org/>
- **Drug Science** – evidence-based clinical information <https://www.drugscience.org.uk/>
- **ICEERS** – education and advocacy around indigenous ‘plant-medicine’ wisdom <https://www.iceers.org/>
- **Multidisciplinary Association for Psychedelic Studies (MAPS)** – hugely significant advocacy and funding of research and now education/training <https://maps.org/about-maps/>
- **Psychedelic Health Professionals (PHP) Network** - community of practice, retreats, newsletter
<https://psychedelicnetwork.org.uk/>
- **PsyEdu** <https://www.psyedu.co.uk/> - leading light in UK Psychedelic Education
- **Psychedelic Alpha** - very current analysis of data/evidence - covering a wide range of psychedelic topics - <https://psychedelicalpha.com/>
- **Tripsitters** – information for guides and participants <https://www.tripsitters.org/>

If you want to know more

- **Breaking Convention** – annual conference & recordings of prev. conference
<https://www.breakingconvention.co.uk/>
- **Beckley Foundation** – major funders of research - <https://www.beckleyfoundation.org/>
- **Drug Science** – evidence-based clinical information <https://www.drugscience.org.uk/>
- **ICEERS** – education and advocacy around indigenous ‘plant-medicine’ wisdom <https://www.iceers.org/>
- **Multidisciplinary Association for Psychedelic Studies (MAPS)** – hugely significant advocacy and funding of research and now education/training <https://maps.org/about-maps/>
- **Psychedelic Health Professionals (PHP) Network** - community of practice, retreats, newsletter
<https://psychedelicnetwork.org.uk/>
- **PsyEdu** <https://www.psyedu.co.uk/> - leading light in UK Psychedelic Education
- **Psychedelic Alpha** - very current analysis of data/evidence - covering a wide range of psychedelic topics - <https://psychedelicalpha.com/>
- **Tripsitters** – information for guides and participants <https://www.tripsitters.org/>

A word cloud centered around a large, textured yellow question mark. The words are written in a white, chalk-like font on a dark grey background. The words include:

- Who
- What
- Why
- Where
- When
- How
- Where
- When
- Who
- Why
- Who
- When
- How
- Where
- Where
- Why
- Where
- When
- What
- Who
- Where
- When
- Where
- When



PsyEdu

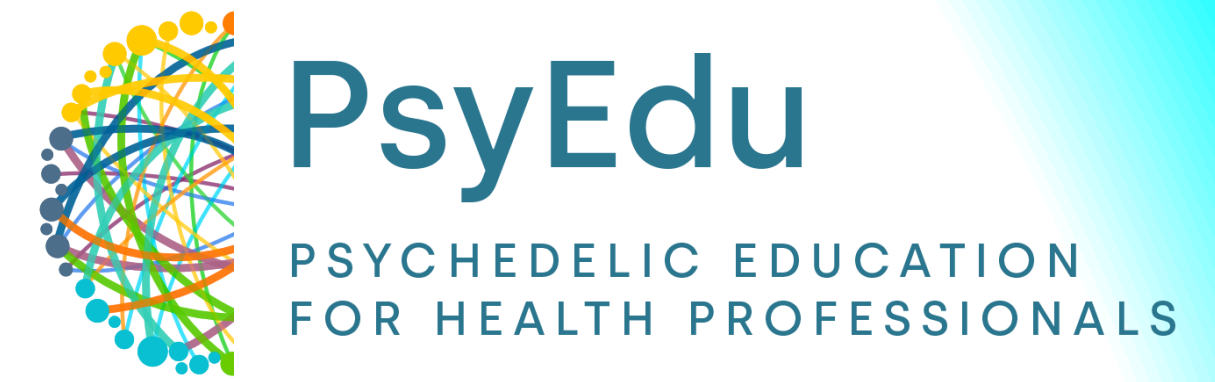
PSYCHEDELIC EDUCATION
FOR HEALTH PROFESSIONALS

For more information:

www.psyedu.co.uk

info@psyedu.co.uk

And . . . of course!



PsyEdu Courses

Intro to Psychedelics In Health

- 6 wks, 3hrs/wk, 3 x per year: Jan, Mar, May
- History/Culture/Context, How They work, Indications/Evidence, Psychedelic Practice, Challenges, Opportunities
- Option to join the Certificate Programme at a discount
- Benchmarked with and differentiated from other courses
- Led by experienced health professionals in the field
- Aimed at HCPs & CAM Practitioners

Certificate in Psychedelic Practice

- 11mths, September - July
- A foundational education in working with/alongside psychedelics
- Option of experiential legal retreats
- Benchmarked with and differentiated from other courses
- Led by experienced health professionals
- Aimed at Healthcare Professionals/CAM Practitioners
- Kite-mark quality assurance by Crossfields Institute

So what can people do with the Cert?

- Current PsyEdu Tutors have gone on to work in:
 - Clinical trials
 - Preparation/ integration therapy
 - Facilitating retreats with other orgs
 - Therapeutic sitting services (in the Netherlands)
 - Ketamine-assisted psychotherapy clinics
- A growing field!
- NB the importance of being 'psychedelically-informed'





Broader Health & Wellbeing

- It's not JUST about dealing with a diagnosis
- Retreats & 'Healthy Normal' Trials
- Incidental effects:
 - Healthier lifestyle choices: plant-based diets, giving up smoking, reducing alcohol, more time in Nature, more emotional awareness and expression, attention to self-care, pro-social tendencies,
 - Greater 'self-actualization' and Spiritual connection
 - Enhanced relationships, reduced isolation
 - Enhanced experience and prioritization of beauty
 - Increased Creativity, Challenging Power Structures, Autonomy

And most important of ALL:

Enhanced connection to nature and pro-environmental behaviours



PsyEdu

PSYCHEDELIC EDUCATION
FOR HEALTH PROFESSIONALS

Renaissance



What are psychedelics?

Classic psychedelics (5HT-2A agonists)

LSD, psilocybin, mescaline, DMT, ayahuasca

Empathogens (serotonin agonists, DA/NA/Oxytocin)

MDMA, MDA, 2-C series

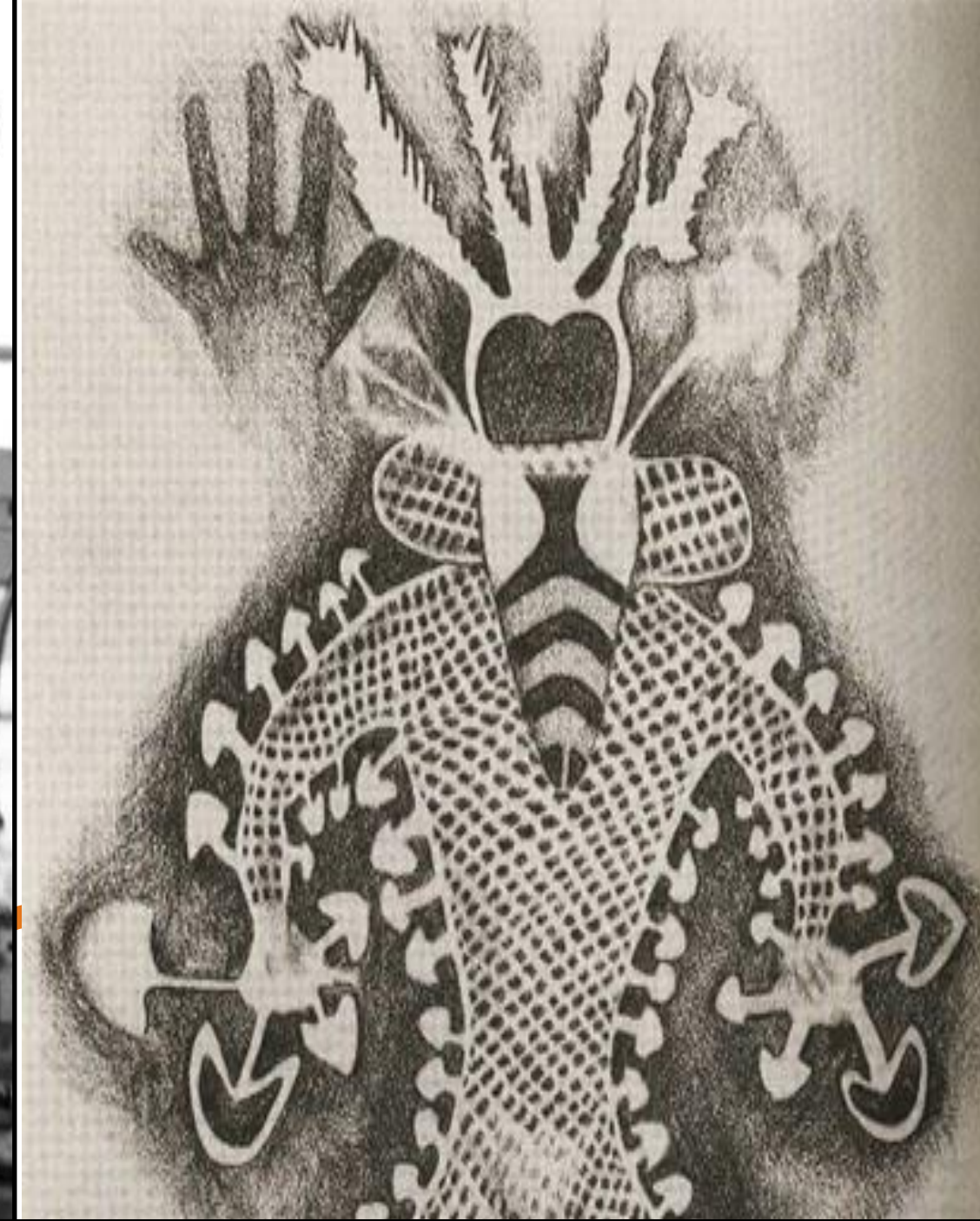
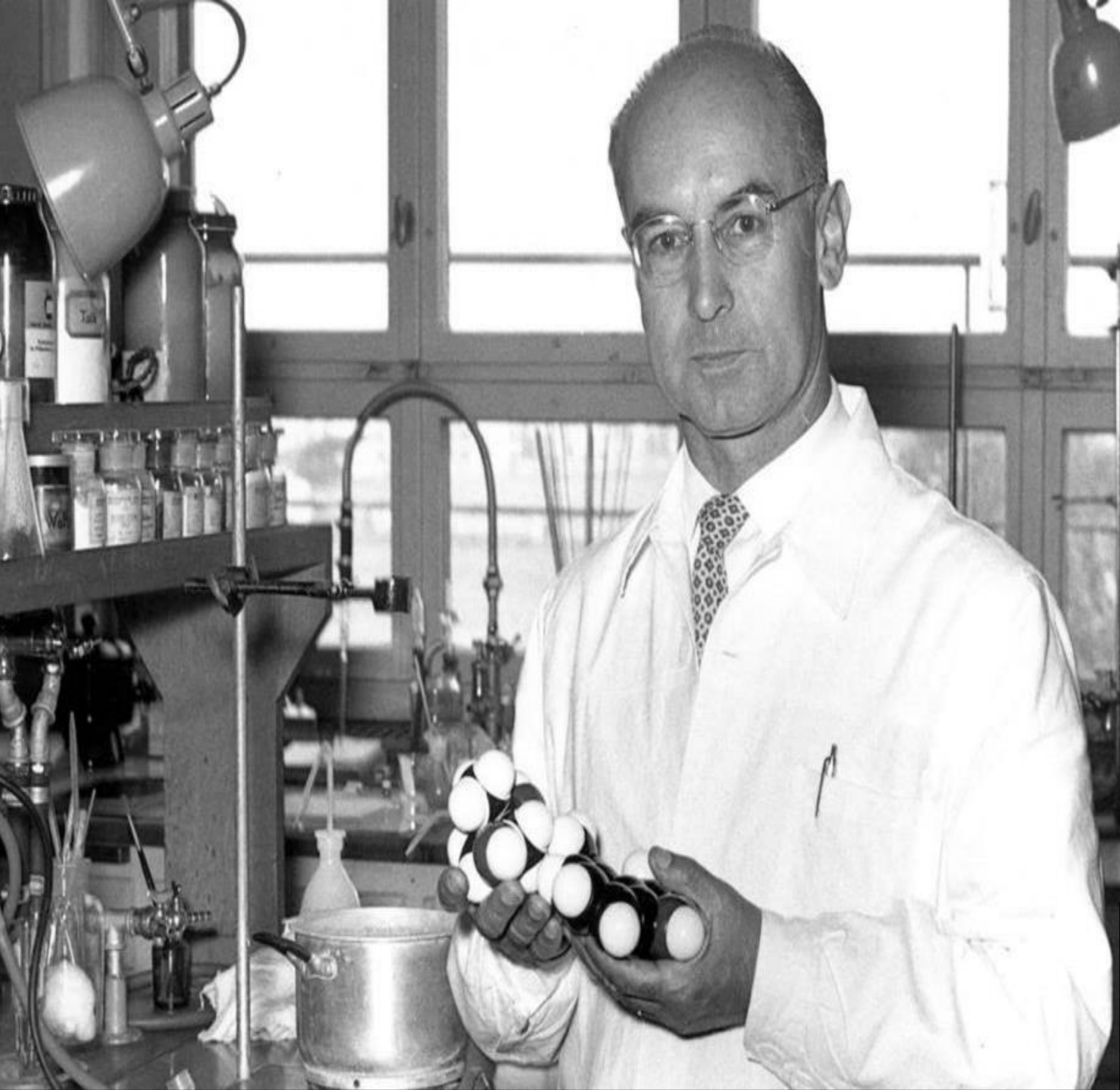
Dissociatives (NMDA antagonists)

ketamine, PCP, nitrous oxide

Unique substances

ibogaine, 'mad honey,' amanita muscaria, 5-MEO DMT, Syrian rue...

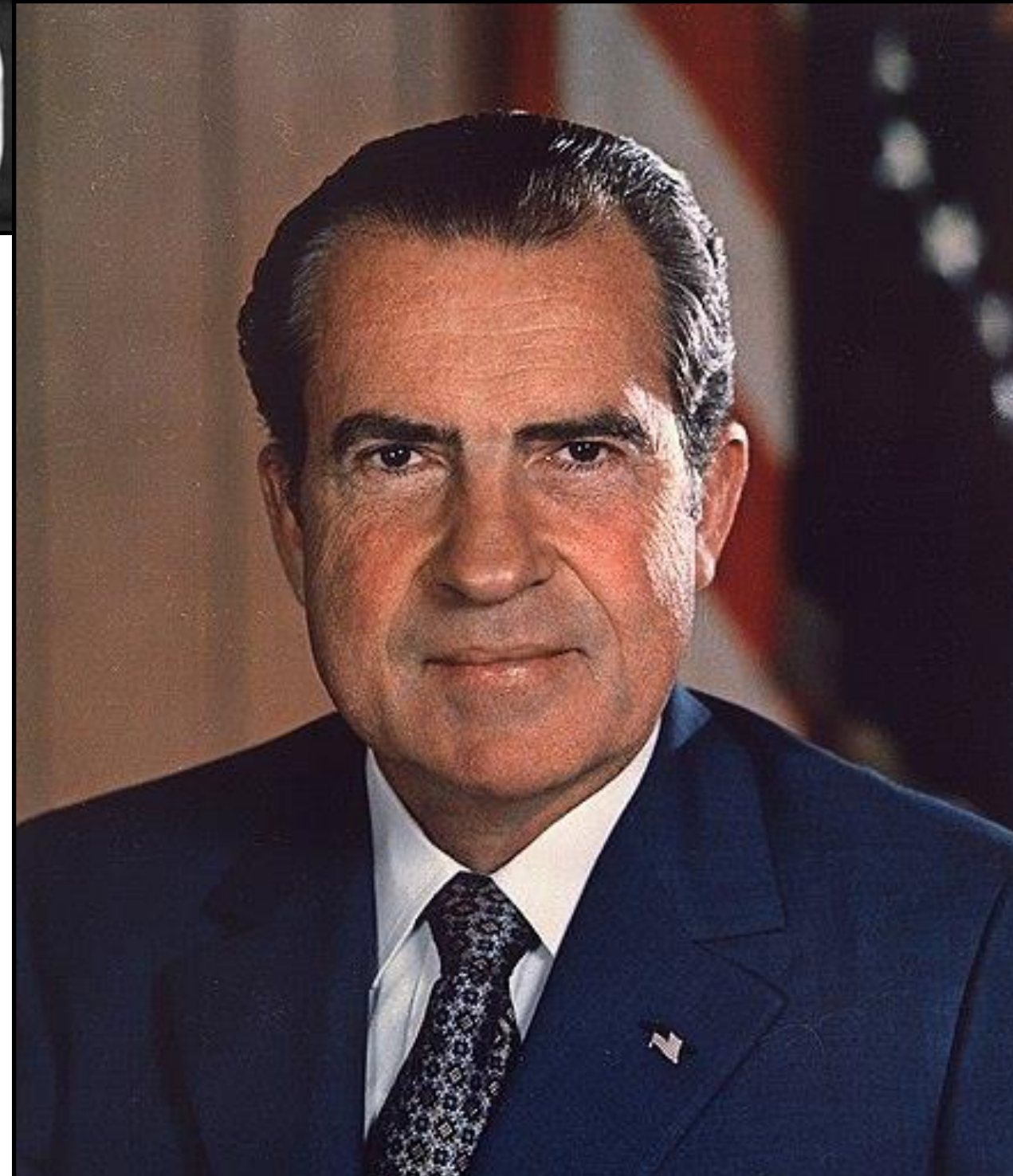




“Did we know we were lying about the drugs?”

Of course we did.”

**- John Ehrlichman,
domestic policy advisor
to Richard Nixon**



“Results were overwhelmingly positive, describing safe and effective treatments.”

(Masters and Houston, 1971)

What we'll cover

- Who are we, who are YOU and who are PsyEdu?
- Why is Psychedelic Education a priority?
- 1-yr Professional Certificate

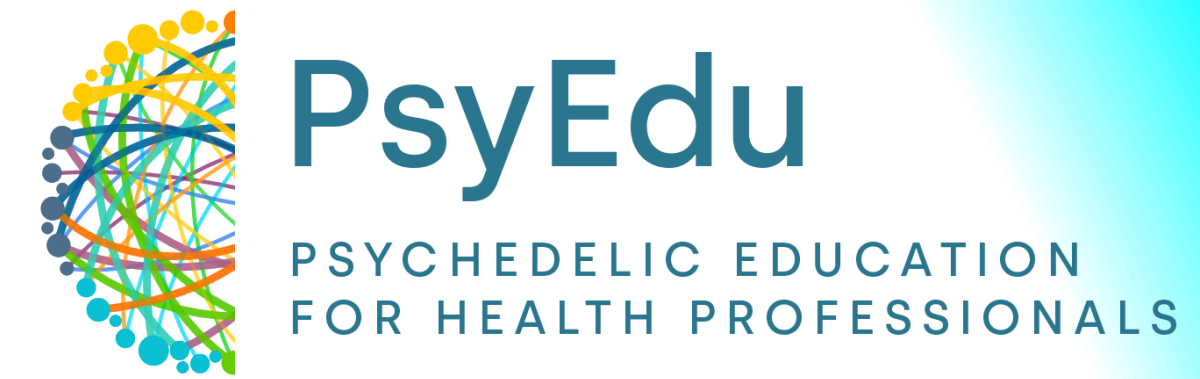




Personalised Medicine & Integration

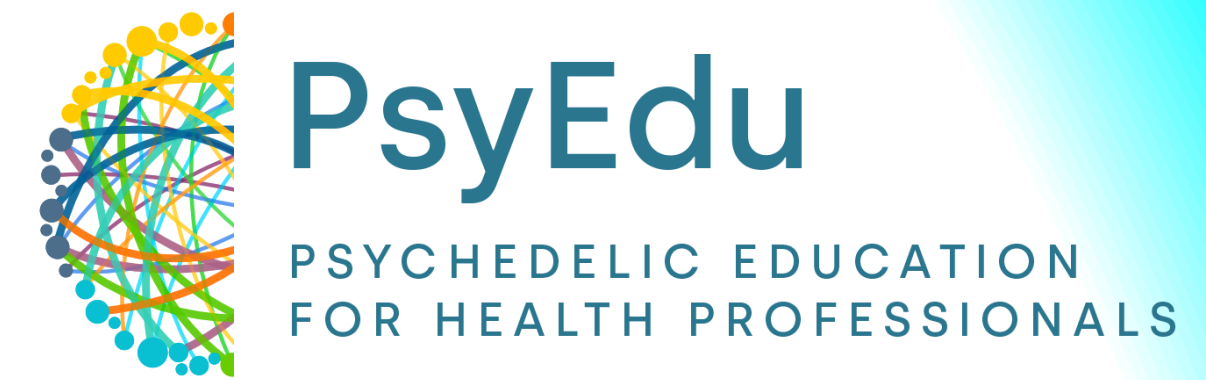
- Fittingly for this Conference, I don't think there can be a more 'personal' medicines than the psychedelic ones. . .
- And nor is there a medicine which requires such an emphasis on 'integration' the key to the future success of psychedelic use lies in Integration: both 'personal' but just as importantly 'societal' . . .

The PHP Network



- Formed in 2019: Education - Retreats - Peer Support
 - Talks/courses to professional and lay bodies
 - Weekly newsletter
 - Peer supervision group
- Preparation and integration around psychedelics
- Community of Practice
- NOW 3 separate organisations: PHP Network, PHP Retreats and PsyEdu

PsyEdu - Our Aims



- To educate health professionals and the general public with current, accurate, evidence-based information about psychedelics
- To support the safe exploration of psychedelics for health, healing, wellbeing and the ease of suffering
- To connect with like-minded organisations
- To advocate for the rational and responsible use of psychedelics

The Psychedelic 'Renaissance'

An Investor's Guide to the Emerging

PSYCHEDELICS INDUSTRY

The psychedelics market has exploded in recent years, presenting new opportunities for investors as it continues to grow and evolve.

Due to its potential to revolutionize medicine as we know it, an eye-watering increase in capital flows has been pumped into the market, spurring its development further.

PSYCHEDELICS CAPITAL FLOWS

Sept 2020 — Sept 2021

The global anxiety and depression treatment market costs the global economy \$1 trillion in lost productivity each year. With continued investment, psychedelics could play an even more important role in treating both mental and physical illnesses.



\$830M

Public companies

Biotech/drug development is one of the largest sub-sectors that requires a huge amount of capital.

Source: Bloomberg, WHO

GLOBAL PSYCHEDELICS DRUG MARKET FORECAST

2020-2027

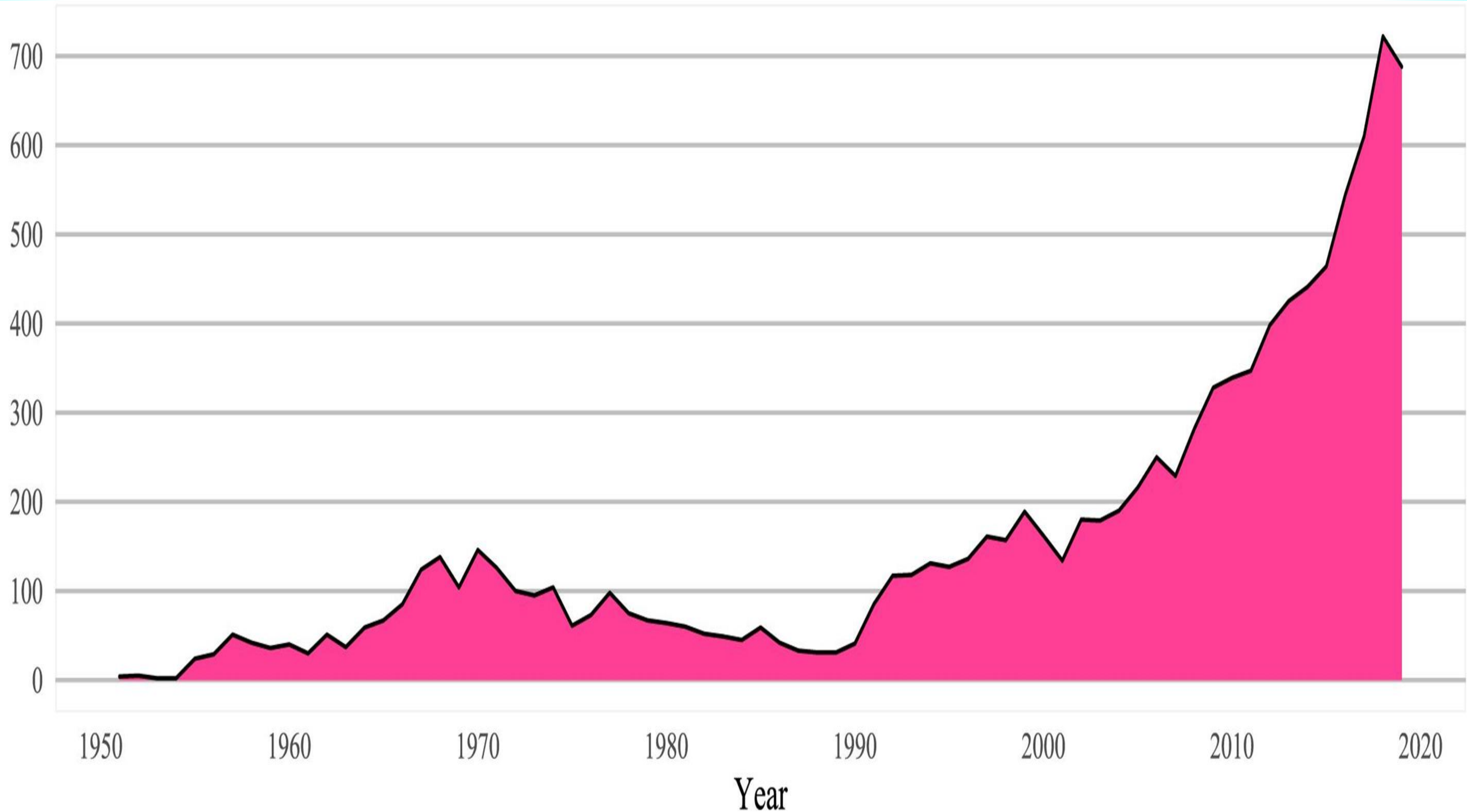
\$4.7B
2020



\$10.7B
2027p

CAGR 12.3%

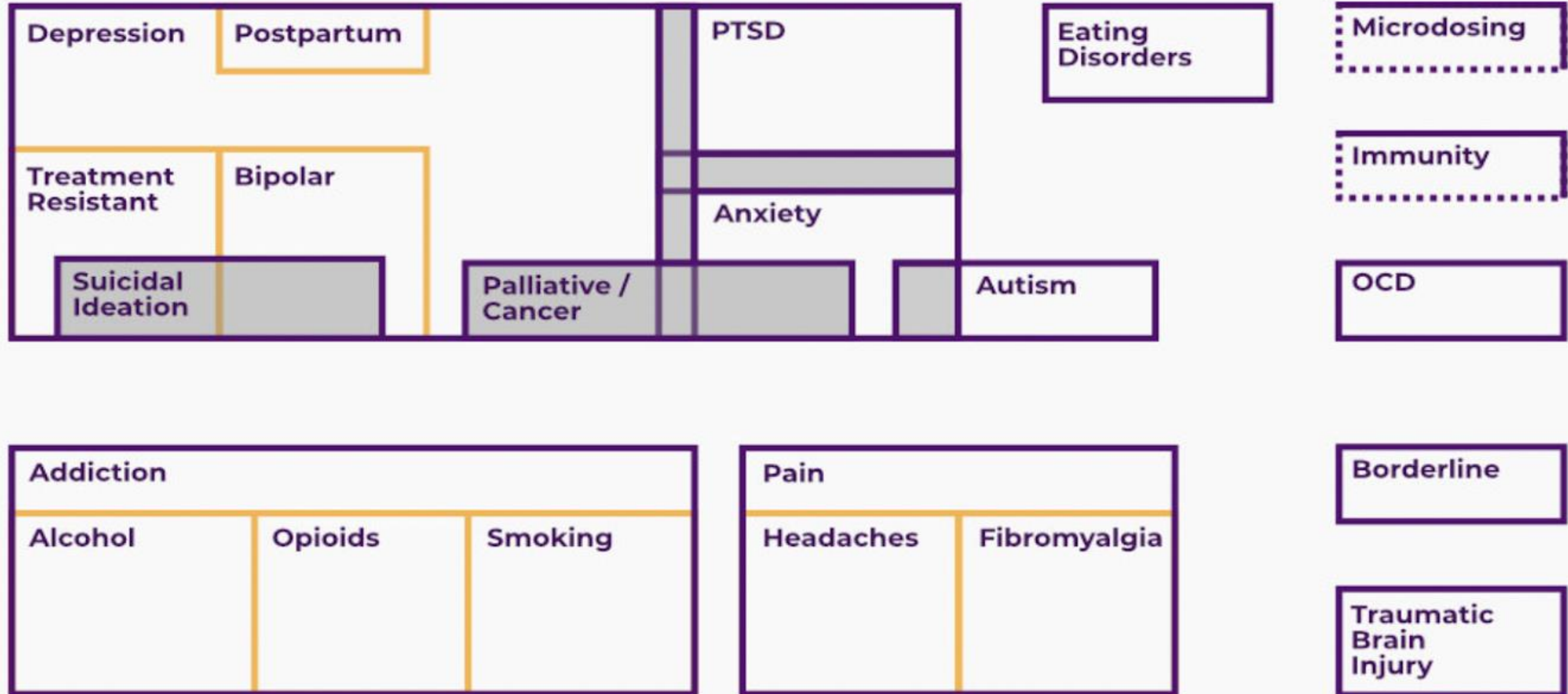
Source: Research and Markets





SCOPE

AREAS OF CLINICAL RESEARCH



Areas for which psychedelics are being researched with a focus on clinical/therapeutic application. Displayed as (sometimes) overlapping areas (also called 'topics'). Research includes those on (classical) psychedelics, MDMA, ketamine, and second generation psychedelics.



Are you ready?

Why launch a Certificate?

