

# INVESTOR PRESENTATION

NOVEMBER 2018

ASX: ZLD

OTCQB: ZLDAF

W W W . Z E L D A T H E R A P E U T I C S . C O M



## DISCLAIMER & IMPORTANT NOTICE

#### Disclaimer

This presentation has been prepared by Zelda Therapeutics Ltd ACN 103 782 378 ("Company"). It does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. You should not treat the contents of this presentation, or any information provided in connection with it, as financial advice, financial product advice or advice relating to legal, taxation or investment matters.

No representation or warranty (whether express or implied) is made by the Company or any of its officers, advisers, agents or employees as to the accuracy, completeness or reasonableness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or provided in connection with it, or any omission from this presentation, nor as to the attainability of any estimates, forecasts or projections set out in this presentation.

This presentation is provided expressly on the basis that you will carry out your own independent inquiries into the matters contained in the presentation and make your own independent decisions about the affairs, financial position or prospects of the Company. The Company reserves the right to update, amend or supplement the information at any time in its absolute discretion (without incurring any obligation to do so).

Neither the Company, nor its related bodies corporate, officers, their advisers, agents and employees accept any responsibility or liability to you or to any other person or entity arising out of this presentation including pursuant to the general law (whether for negligence, under statute or otherwise), or under the Australian Securities and Investments Commission Act 2001, Corporations Act 2001, Competition and Consumer Act 2010 or any corresponding provision of any Australian state or territory legislation (or the law of any similar legislation in any other jurisdiction), or similar provision under any applicable law. Any such responsibility or liability is, to the maximum extent permitted by law, expressly disclaimed and excluded.

Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in the Company.

#### **Future matters**

This presentation contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company.

Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of its directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved.

Given the risks and uncertainties that may cause the Company's actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended.

## WHY ZELDA?

EXPOSURE TO RAPIDLY EXPANDING GLOBAL INDUSTRY

Legalised Medicinal Cannabis is one of the world's fastest growing industries in >22 countries & 34 US states.

SINGULAR FOCUS ON CLINICAL VALIDATION

Building a portfolio of clinically-validated assets to treat pain, anxiety, sleep and cancer.

- TARGETING UNMET NEEDS IN LARGE ADDRESSABLE MARKETS GLOBALLY
- CLEAR PATH TO COMMERCIALISATION

Multiple revenue opportunities to license and generate milestone and royalty payments.

INDUSTRY RECOGNISED BOARD & MANAGEMENT TEAM

Seasoned executives & advisors with extensive research, pharma & capital markets track records.

ATTRACTIVE VALUATION

Compared to other global medicinal cannabis companies.



## 2018 HIGHLIGHTS



- Insomnia Trial (Sleep Centre, UWA).
- Observation Autism Trial (Children's Hospital of Philadelphia).
- Opioid Reduction Trial (St Vincent's, Melbourne).

MANUFACTURE & GERMAN DISTRIBUTION AGREEMENT WITH HAPA MEDICAL BV

LEADING INTERNATIONAL CANNABIS CLINICIANS APPOINTED TO ADVISORY BOARD

MANAGING DIRECTOR AND CLINICAL TRIALS DIRECTOR APPOINTED

EXPANDED PRECLINICAL PROGAMME FOR CANCERS AND COGNITIVE DECLINE



# COMMERCIALISATION STRATEGY

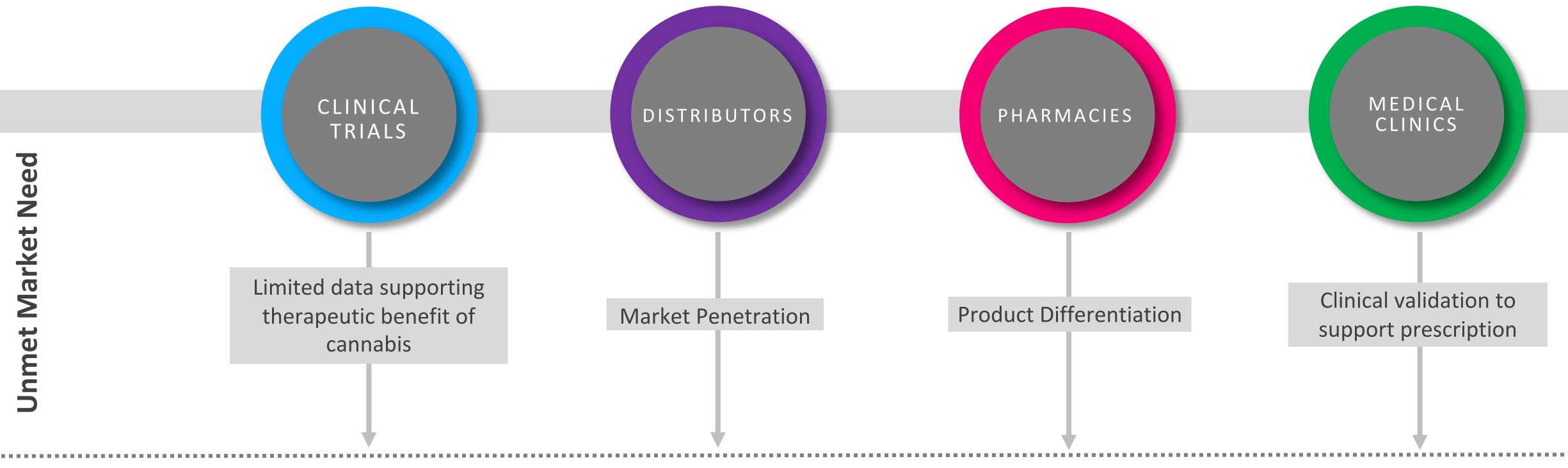
## MEDICINAL CANNABIS: ACCELERATED PATH TO MARKET

### **Conventional Drug Development Path**

10 years to market - \$1 Billion Cost, Expensive Drugs Clinical (Phase 1, 2 3) Market Registration **Emerging Market for Unregistered Cannabis Medicines** Prescription-based, legal, safe & affordable, rapid access to market Market Competitors HAPA medical GMP-grade Clinical Revenues Market Formulations Validation Value-Adding/Differentiation



## ADDRESSING UNMET NEEDS ACROSS ENTIRE VALUE CHAIN



#### **Clinical Trials**



Cancer

s Solution

Zelda'









### **Distribution partnerships**



### **Clinically Validated Products & Product Data**



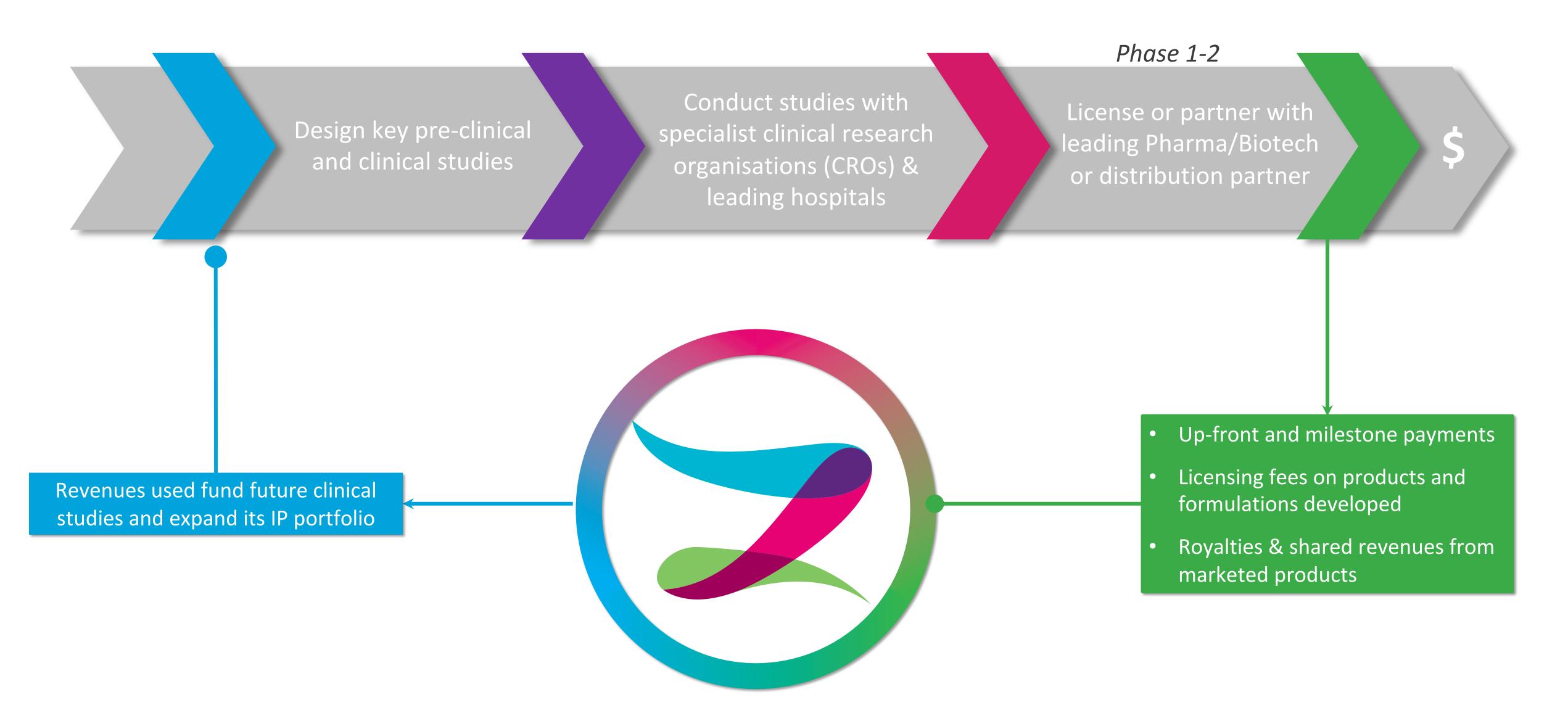




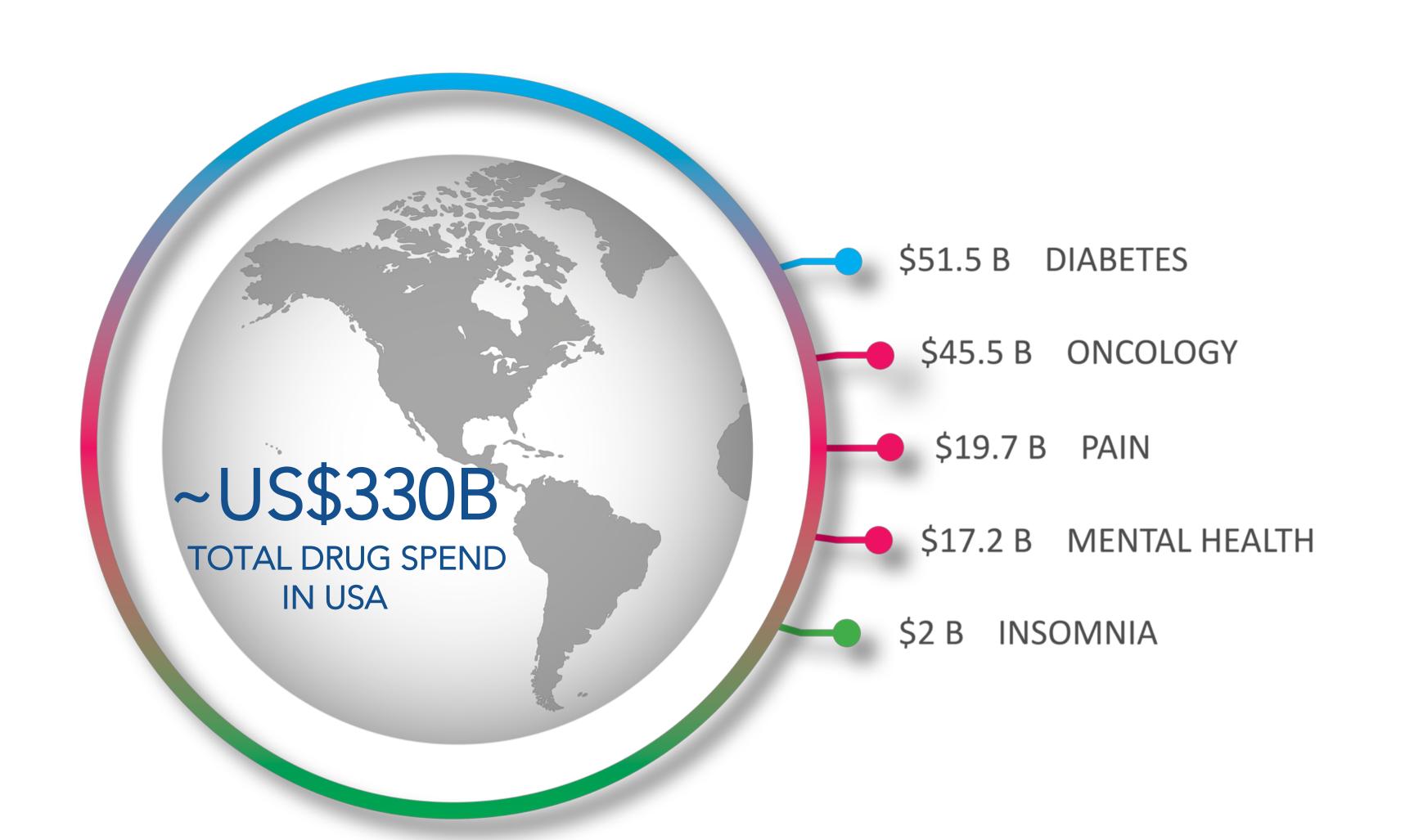
Portfolio of GMP-grade products to meet different clinical needs



# COMMERCIALISATION MODEL



# STRATEGIC FOCUS ON DISRUPTING LARGE MARKETS



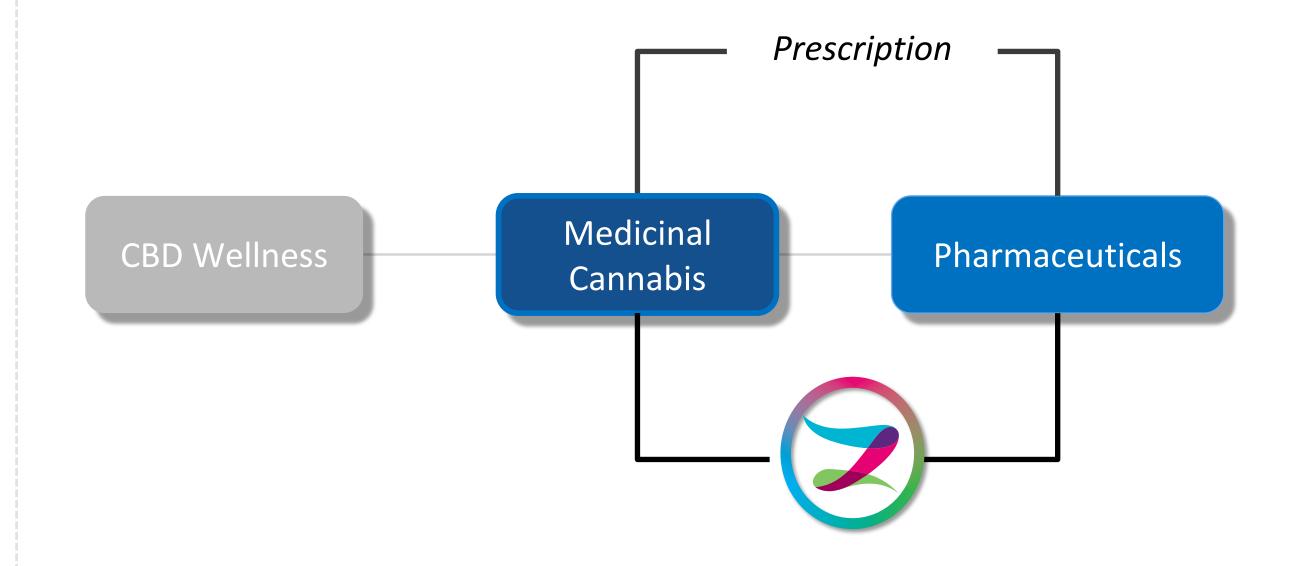


Source: https://www.statista.com/statistics/238698/us-health-spending-leading-areas/https://blog.marketresearch.com/top-6-things-to-know-about-the-28-billion-sleep-market

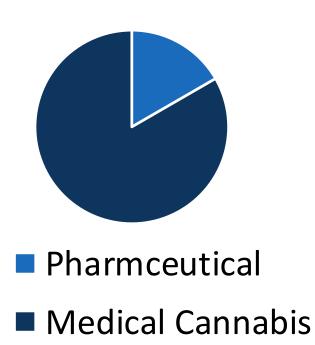
# HOW ARE WE DIFFERENT?

## SINGULAR FOCUS ON PRESCRIPTION CANNABIS MEDICINES

- Global Prescription Cannabis Market worth \$12 bn in 2018<sup>1</sup>.
- Forecast to grow to \$40-55 billion 2028<sup>1,2</sup> (18% CAGR).
- ~ 1% people in US & Canada using medicinal cannabis.
- Zelda targeting prescription-based **medicinal cannabis** sector which is growing at 80% pa.<sup>2</sup>



Relative MC market share in Europe<sup>3</sup>



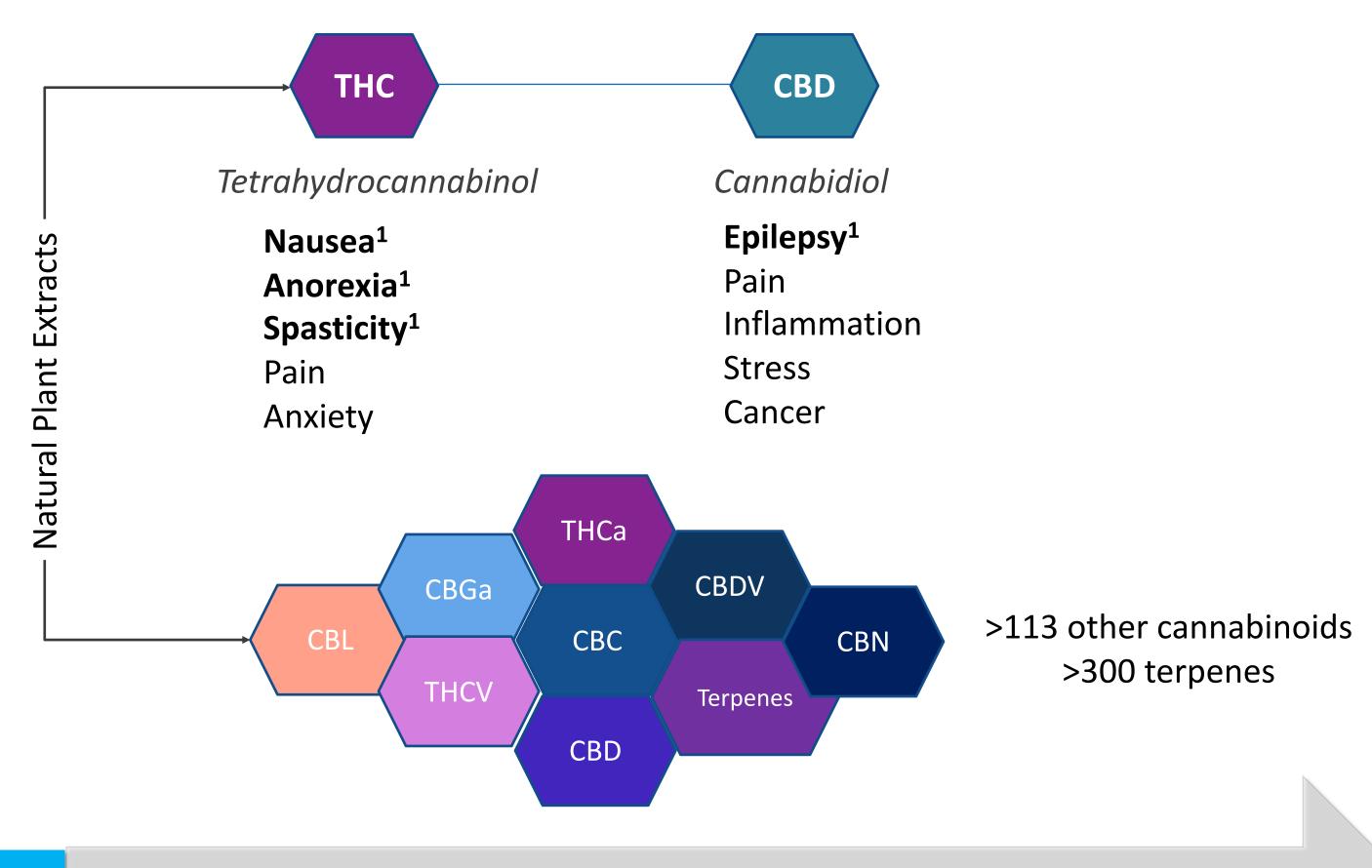


<sup>1. &</sup>lt;a href="https://www.persistencemarketresearch.com/market-research/medical-marijuana-market.asp">https://www.persistencemarketresearch.com/market-research/medical-marijuana-market.asp</a>

<sup>2.</sup> European Cannabis Report – 3rd Edition (Prohibition Partners)

<sup>3.</sup> European Cannabis – Cannacord Report 31st August, 2018

# NOVEL FOCUS ON WHOLE-PLANT EXTRACTS - NOT SINGLE COMPOUNDS

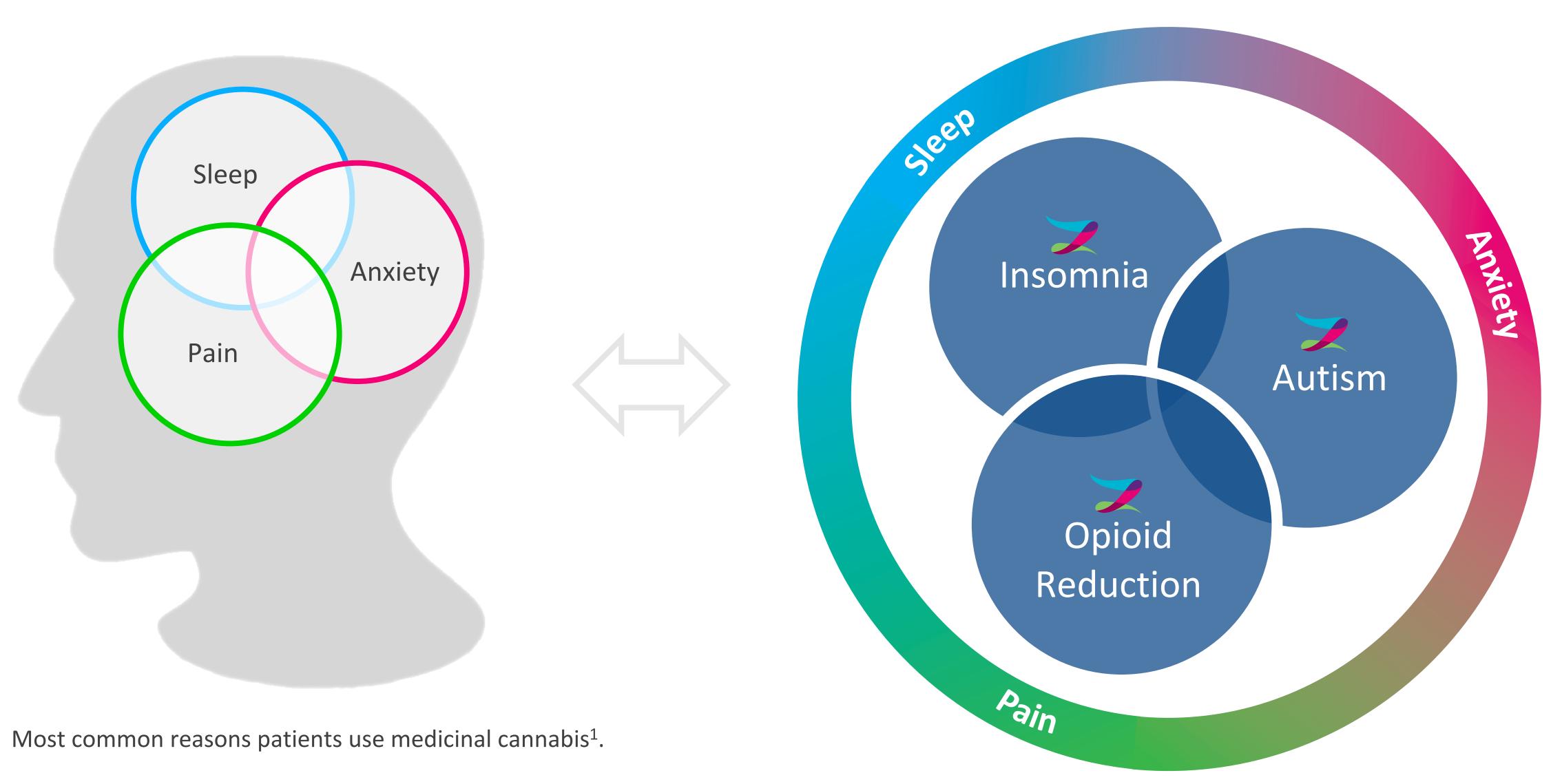


Novel Strategic Focus

Using whole plant extracts improves *potency and safety = ENTOURAGE EFFECT!!* 

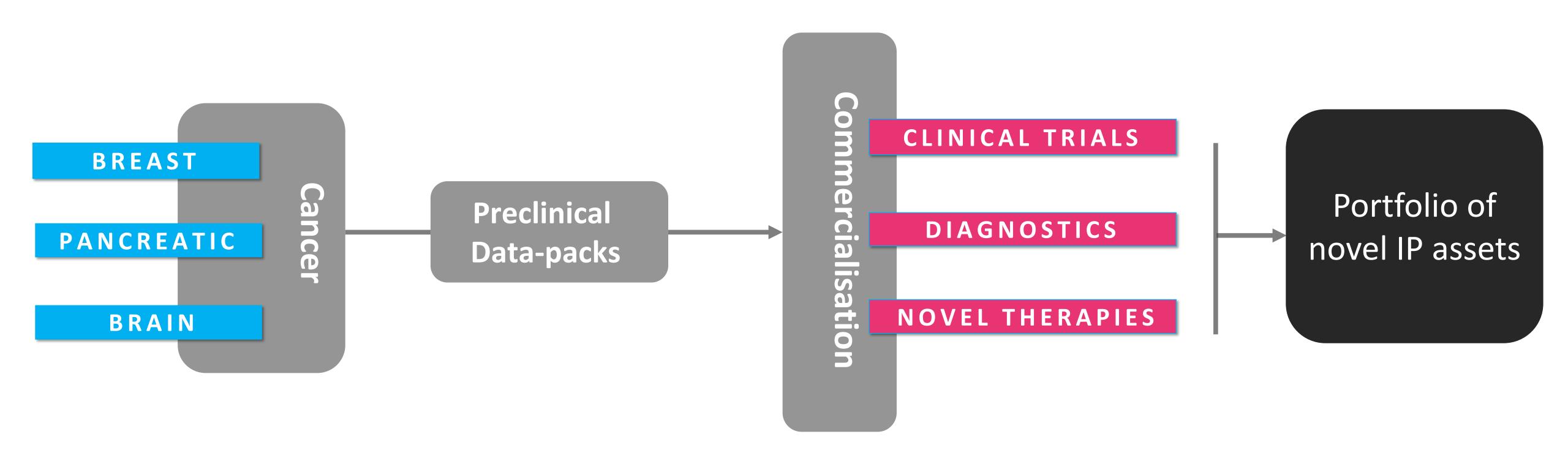


# FOCUS ON CURRENT PATIENTS NEEDS = LARGE ADDRESSABLE MARKET



<sup>1.</sup> Lintzeris, N et al., Medical Cannabis in Australia, 2016: the Cannabis as medicine Survey (CAM-16). The Medical Journal of Australia, 209(05), 211-216.

# PRECLINICAL: STRATEGIC FOCUS ON CANCER TO GENERATE NOVEL IP



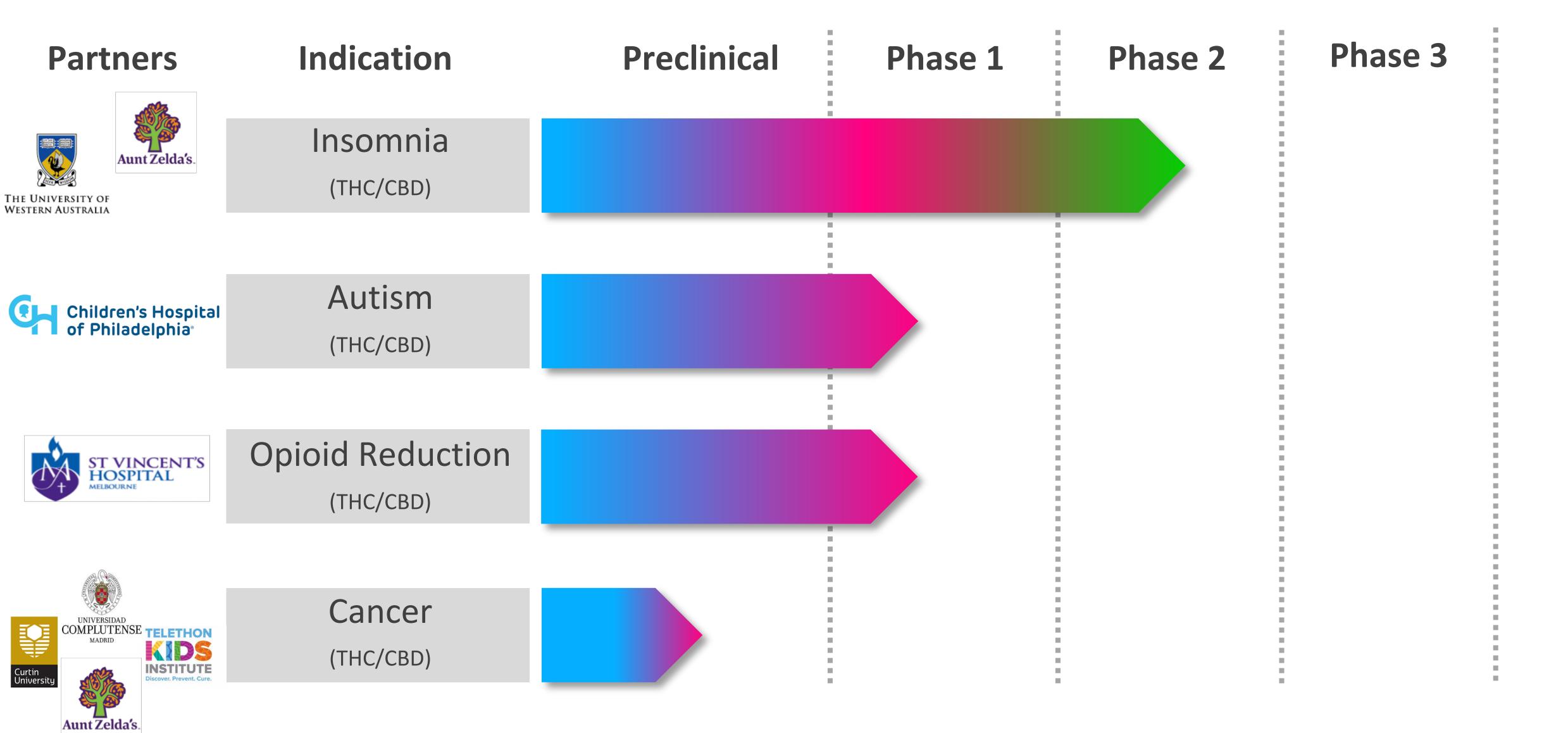
# STRONG INTELLECTUAL PROPERTY PORTFOLIO

- Seven patent families filed:
  - Cancer
  - Skin Disease (topical)
  - Sleep Disorders
  - Cancer diagnostics
  - Autism
  - Anxiety
  - Opioid Reduction

Patent	Priority Date	Filing
Cancer	August 2016	WO2018/023166
Skin Disease	August 2016	WO2018/023164
Sleep Disorders	August 2016	WO 2018/023163
nsomnia	November 2017	AU2017904818
Cancer Prognosis	October 2016	WO 2018/071986 A1
Autism	September 2017	AU2017903766

- Patents provide protection until 2036.
- Generating novel IP is core to Zelda's commercialisation strategy.
- IP will be essential as patent landscape becomes increasingly sophisticated and litigious.

# ZELDA'S PRODUCT PIPELINE





# CORPORATE

# CORPORATE SNAPSHOT

#### **HISTORY**

- Founded in August 2015. ASX listed November 2016.
- Licensed access to US patient data-base informs clinical development.
- Experienced pharma and cannabis management team.
- Path to revenue facilitated by strategic IP, and novel products.

### FINANCIALS (as at 23 Nov 2018)

	AUD\$	
<ul><li>Share Price</li></ul>	\$0.046	
• 52w Range	\$0.045 - 0.16	
<ul> <li>4w Trading Volume</li> </ul>	10m	
<ul> <li>Shares on Issue</li> </ul>	755m	
<ul> <li>Market Capitalisation</li> </ul>	\$35m	
<ul> <li>Cash (Sep, 2018)</li> </ul>	\$5.06m	
<ul> <li>Cash Burn (2018 FY)</li> </ul>	\$1.73m	
CannPal options (@20c)	7.25m	

#### SHARE PRICE (as at 23 Nov 2018)



#### **CAPITAL STRUCTURE**

Top 20 Shareholders: 45% Listed Options: 40m

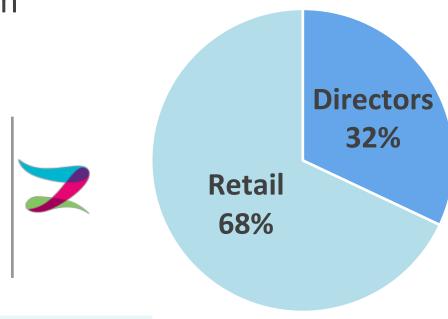
#### **Top 4 Shareholders**

• Mara Gordon 10.5%

• Jason Peterson 10.0%

• Harry Karelis 6.6%

• Stewart Washer 4.7%



\* Board Voluntary 12 month escrow



## BOARD & MANAGEMENT



Dr Richard Hopkins Managing Director

- Experienced biopharmaceutical executive.
- 12 years in corporate leadership roles with public biotechnology companies.
- Co-founder of Phylogica.



Harry Karelis
Founder & Executive Chairman

- Co-founder corporate advisory & investment firm, Jindalee Partners
- Founding Director/Shareholder of several ASX-listed and global medicinal cannabis companies.
- +25 years experience in the financial services sector, specialising in med-tech private equity investing.



Dr Stewart Washer Founder & Director

- 25 years of CEO /Board experience in medical/biotech.
- Chairman of Orthocell Ltd and Director of Cynata Ltd.
- Extensive experience in ASX listed medicinal cannabis companies.



Mara Gordon Founder & Director

- Pioneer in medicinal cannabis globally
- Director of cannabis company's in US, Canada and Australia
- Specialises in cannabis treatments & protocols for seriously ill patients
- Keynote speaker at numerous cannabis conferences.



Jason Peterson Founder & Director

- Director, major shareholder and Head of Corporate at stock broking and investment banking firm, CPS Capital.
- +21 years of experience in the financial advisory sector.
- Founding Director/Shareholder of several ASX listed and global medicinal cannabis companies.



# MEDICAL ADVISORY TEAM



**Professor Manuel Guzman** 

- Professor of Biochemistry and Molecular Biology at Madrid's Complutense University.
- Pioneer on the molecular mechanisms of action and role of cannabinoids in controlling cell generation and death.



Dr Cristina Sanchez

- Assistant Professor at Complutense University, Madrid Spain.
- > 10 yrs experience researching the mechanism of action and therapeutic potential of cannabinoids to treat cancer.



**Dr Noah Federman** 

- Paediatric clinical and research oncologist with expertise in cannabis treatments.
- Director of the Paediatric Bone and Soft Tissue Sarcoma Program at University of California.



**Dr David Casarett** 

- Prof. of Medicine and a leading palliative care physician at Duke University School of Medicine.
- Clinical interests include use of cannabis to treat pain and nausea.



**Dr Dustin Sulak** 

- Integrative medicine practitioner and pioneer in field of cannabinoid medicine.
- Founder of two specialist clinics in the US that have treated > 18,000 patients with medical cannabis.

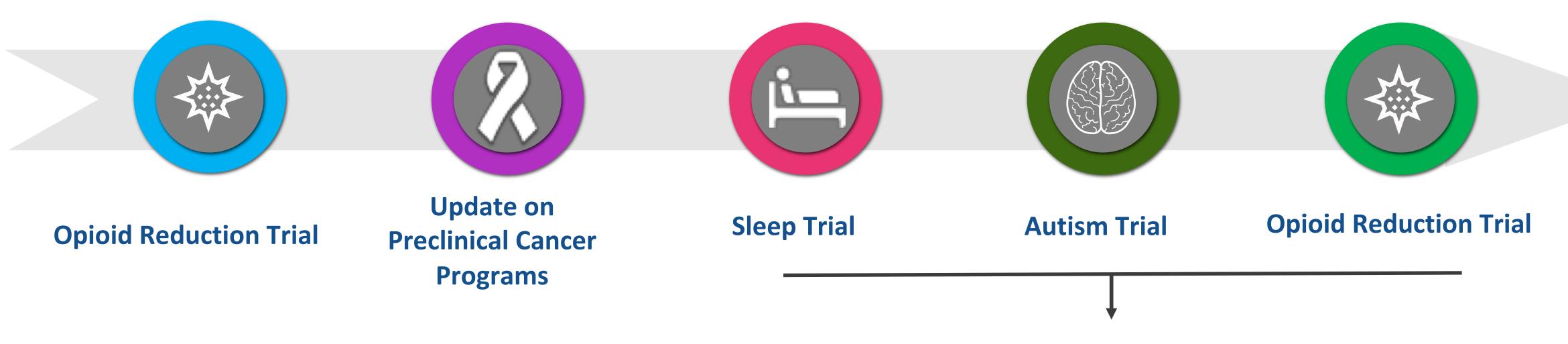


# COMPARATIVE ANALYSIS

Compa	iny	Market Capitalisation <sup>1</sup> (\$US)	Focus
Zelda Therapeutics (ZLD:ASX)		30m	Phase 2 (Insomnia), Phase 1 (Opioid Reduction), Observational (Autism), Preclinical (Cancer), THC/CBD.
Cannabics CNBX:US/OTCQB	Cannabics Pharmaceuticals	60m	Preclinical (Cancer), CBD-only.
Inmed IN:TSX	InMed Pharmaceuticals	94m	Preclinical, Synthetic cannabinoids.
<b>Zynerba</b> <i>ZYNE:NASDAQ</i>	Zynerba®	89m	Phase 1-3. CBD-only, Focus on transdermal delivery.
Tetra-Biopharma TBP:TSX	TETRA BIO-PHARMA	156m	Phase 1-3 (Pain). THC/CBD.
Insys INSY:NASDAQ	INSUS THERAPEUTICS, INC.	488m	Approved, Phase 2-3 (Infantile spasms, Epilepsy). CBD-only.
GW Pharmaceuticals  GWPH:NASDAQ	pharmaceuticals	4.1bn	Approved for Sativex (MS spasticity) and Epidolex (childhood epilepsy), multiple Phase 1-3 trials. THC/CBD.



## UPCOMING ACTIVITY & MILESTONE PIPELINE



Commence Phase I in Jan 2019.

Report on brain, breast and pancreatic studies Q1, 2019.

Priority to advance to clinic.

Data expected by mid-2019.



## STRONG STRATEGIC POSITIONING

• GLOBAL PARTNERSHIPS COVERING CLINICAL TRIALS, SUPPLY, MANUFACTURE AND DISTRIBUTION

STRONG INTELLECTUAL PROPERTY PORTFOLIO

• DIVERSIFIED CLINICAL/PRECLINICAL PIPELINE - FULLY FUNDED FOR UPCOMING MILESTONES

POSITIONED FOR RAPID ENTRY INTO COMMERCIALISATION PHASE

RELATIVELY LOW VALUATIONS COMPARED TO GLOBAL PEERS

 POSITIONED TO BENEFIT FROM SECTOR CONSOLIDATION (e.g. M&A). SPECIALISATION, IP AND DIFFERENTIATION WILL ATTRACT SIGNIFICANT VALUATION PREMIUMS



ZELDA THERAPEUTICS OFFERS INVESTORS EXPOSURE TO A RAPIDLY

EMERGING GLOBAL INDUSTRY AT VERY ATTRACTIVE VALUATIONS AND

WITH SIGNIFICANT VALUE DRIVERS OVER THE NEXT 12-18 MONTHS

## CONTACT US









@ZELDATHERAPEUTICS

WWW.ZELDATHERAPEUTICS.COM

## **Dr Richard Hopkins**

**Managing Director and CEO** 

#### **AUSTRALIA**

Level 26

140 St Georges Tce

Perth WA 6000

+61 405 656 868

rhopkins@zeldatherapeutics.com

