

## Neurotech CEO to Present at Bioshares Conference

Neurotech International Limited (ASX: NTI) ("Neurotech" or "the Company") is pleased to announce that CEO Dr Alexandra Andrews will be presenting at the 16th Bioshares Biotech Summit <http://www.bioshares.com.au/albury2022.htm> in Albury, NSW at 11.00am AEST on 12 May 2022.

The unique format of the Bioshares Biotech Summit connects biotech companies with the stock market, to explore not only what biotech companies are doing, but more importantly how they are doing it. In line with this purpose, Dr. Andrews' presentation will focus on Neurotech's progress in developing and commercialising neurological solutions to improve quality of life. Dr. Andrews will discuss the recent advancements in Neurotech's landmark paediatric autism spectrum disorder (ASD) study at Monash Children's Hospital, utilising the treatment NTI164.

A copy of the presentation is attached.

### Authority

This announcement has been authorised for release by the Chairman of Neurotech International Limited.

### Further Information

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CEO

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### About Neurotech

Neurotech International Limited is a medical device and solutions company conducting clinical studies to assess the neuro-protective, anti-inflammatory and neuro-modulatory activities of our proprietary NTI/Dolce cannabis strains. Neurotech has submitted key provisional patents relating to the composition and use of NTI164 for the treatment of a range of neurological disorders including ASD. Neurotech is also commercialising Mente, the world's first home therapy that is clinically proven to increase engagement and improve relaxation in autistic children with elevated Delta band brain activity. For more information about Neurotech and Mente Autism please visit <http://www.neurotechinternational.com>



# Improving Lives



## Investor Presentation

May 2022

**Dr Alexandra Andrews**

PhD Neuroscience, BBMed Sci (Hons1st)  
Chief Executive Officer

# Disclaimer



## IMPORTANT INFORMATION

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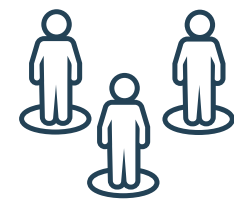
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# Neurotech is a biopharmaceutical company focused on the development & commercialisation of neurological solutions that improve quality of life.



Exclusive worldwide  
licence



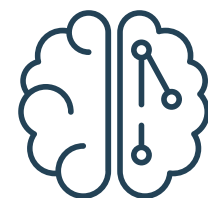
Extensive preclinical  
studies completed



World's first whole  
plant extract cannabis  
clinical study



PTC Patents lodged



Potential for NTI164  
to treat neurological  
disorders



Neurotech's Mente  
device & therapy

# Capital Structure

**\$0.052**

**Share price**  
(as at 10 May 2022)

**~\$36M**

**Market  
capitalisation**

**~\$2.33M**

**Cash at bank\***

**696M**

**Share on issue**

**128M<sup>^</sup>**

**Options/rights**



1. \*as at COB 31 March 2022

2. ^Options are comprised at various strike prices between \$0.005 to \$0.09 as at 31 December 2021

# Highly Experienced Executive Team and Board



**Dr Alexandra Andrews**  
CEO

Expertise in corporate development, investor engagement, product development and commercialisation, clinical trials and regulatory environments.

Former Director of Operations at NeuroScientific Biopharmaceuticals Ltd.

PhD Neuroscience, BBMed Sci (Hons1st)



**Brian Leedman**  
Chairman

More than 15 years' experience in the biotechnology sector

Co-founder / Director / Chairman of six ASX listed healthcare/ biotechnology companies including: RAP, NGS, NSB, OSL, IMU, ALC

Former Chairman of Ausbiotech (WA)

BEd, MBA (UWA)



**Krista Bates**  
Non-Executive Director

Experienced director of ASX and LSE companies

More than 20 years' experience in legal practice, specialising in mergers & acquisitions

Former Partner at leading law firm, Lavan Legal – Head of the Medicinal Cannabis Group

Founder, KB Corporate Advisors

BA(Hons), Grad Dip (Law), PostGrad Dip (Law), GAIDC



**Prof. Allan Cripps AO**  
Non-Executive Director

Distinguished academic, clinical scientist and health services leader

Independent Chair of the Children's Health Research Alliance Board and Non-Executive Director at Bard1 (BD1)

Formerly the Pro Vice Chancellor (Health) at Griffith University and currently professor emeritus at Griffith University

PhD, BSc (Hons), FAHSM, FASM, FAIMS, FIBMS, FCHSM, MACID



**Mark Davies**  
Non-Executive Director

More than 20 years' experience in trading, investment banking & providing corporate advice

Specialises in providing corporate advice & capital raising services to emerging companies seeking business development opportunities and funding from the Australian market

Managing Director of 1861 Capital and co-founder of investment banking firm, Cygnet Capital

BCom



**Winton Willese**  
Non-Executive Director

Experienced company director with over 20 years experience in various roles within the Australian capital markets

Core expertise in strategy, company development, corporate governance, company public listings, merger and acquisition transactions and corporate finance

MCom, FFin, CPA, GAICD, FGIA/FCG



# What makes NTI164 different?

## CBD/THC

vs

## NTI164

✗	CBDA	✓	High CBDA
✗	Rare Cannabinoids	✓	Rarer Cannabinoids: CBC, CBDP, CBDB, CBN, CBG
✗	Full Plant Extract	✓	Naturally >0.03% THC
✗	Entourage Effect	✓	>4% Terpenes
✗	Patent protected composition	✓	Entourage Effect
		✓	Patent pending (lodged Oct 2021)
		✓	Potent combination / Synergistic properties when combined with APIs



# Preclinical evidence from NTI164

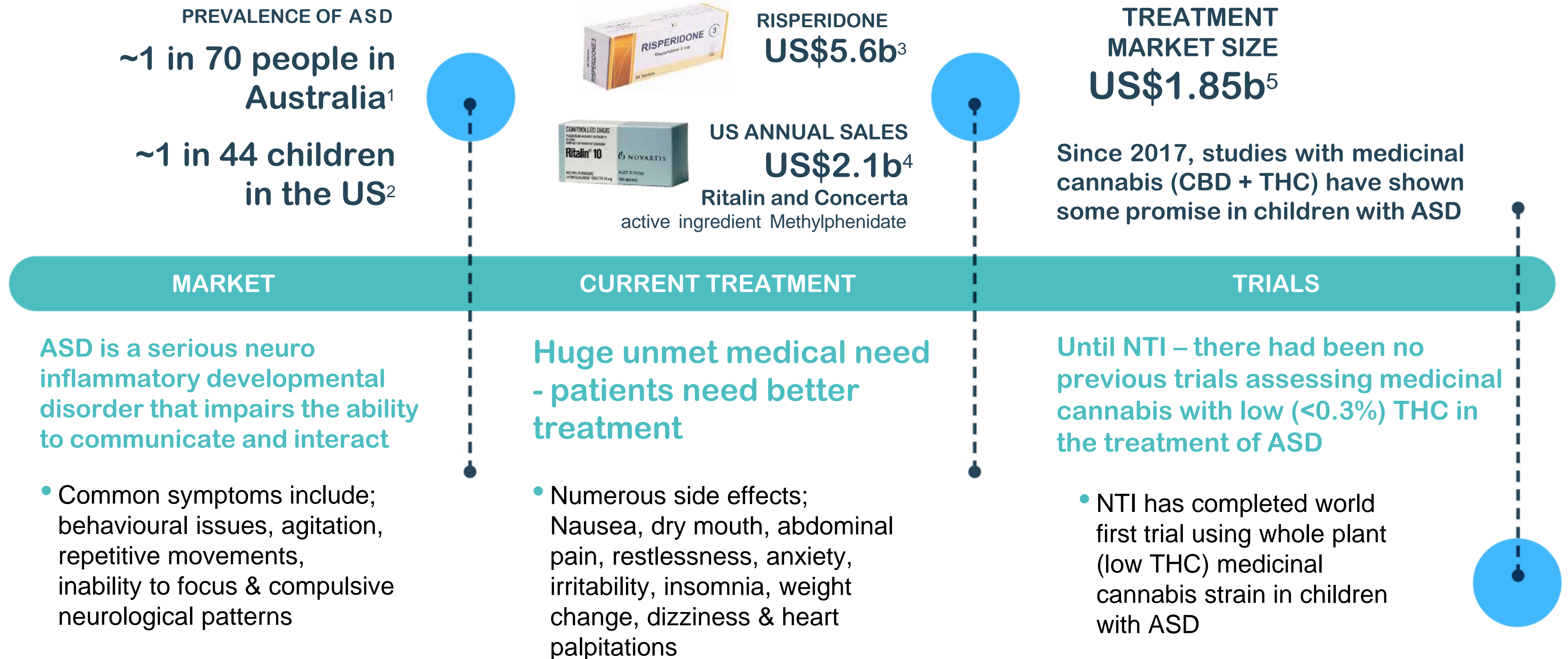
## Preclinical studies demonstrated:

- Reduction in brain cell inflammation (up to 60%)
- Increase in overall brain cell health and viability (in the absence of toxic insult up to 80%)
- Increase in mitochondrial viability and output (in the presence of toxic insult up to 60%)
- Significant suppression of neuro-markers linked to MS (GM-CSF < 40% and TNF-alpha < 30%)
- Multi-functional Mode of Action | neuro-protection, neuro-modulation and neuro-regulation





# Why target Autism Spectrum Disorders (ASD)?



## NTI64

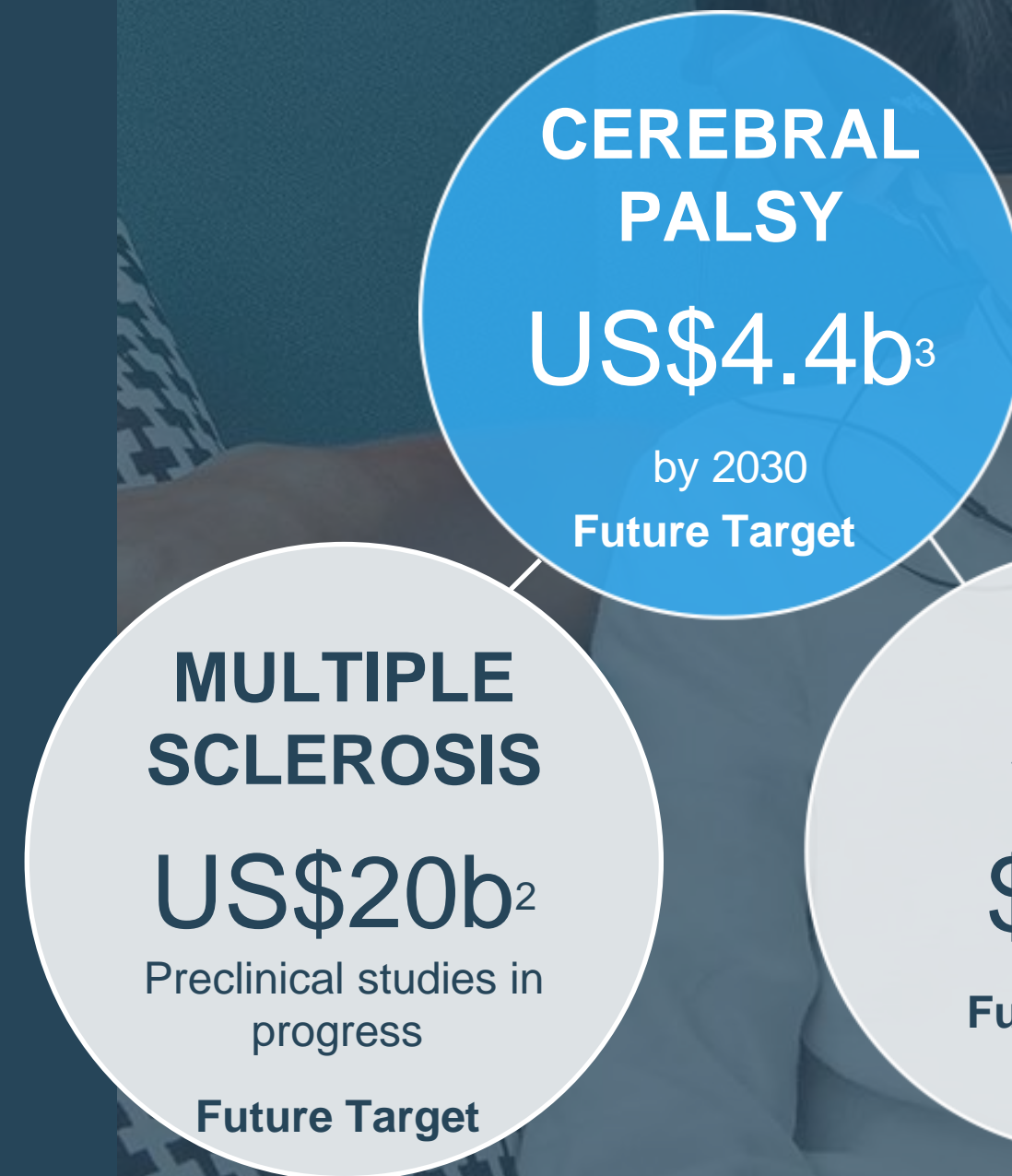
### First in human Phase I/II ASD paediatric study (S8)

Commenced in May 2021 at Monash Children's Hospital led by A/Prof. Michael Fahey

- Open label – single group
- 20 patients from 8 to 17yo
- Dose ranging assessments (5, 10, 15 and 20 mg/kg)
- Interim results demonstrated safety & tolerability across dosing regime
- Assessments of behavioural marker analysis results
- No wash out period requested by Patients' parents and caretakers



# Current and Future Opportunities for NTI164





# Strong Patent Position

Neurotech has lodged two strategic provisional patent applications with IP Australia to underpin future worldwide commercialisation in Neurological applications.

## Composition

Uniqueness of the NTI-164 strain – composition profile with low THC (<0.3%) and a unique combination of ‘rarer’ cannabinoids:  
CBDA, CBC, CBDP, CBDB & CBN

Lodged Oct 2021

## Combination

The application, formulation and use of NTI164

Lodged Oct 2021

# Pathways to Commercialisation

The anti-inflammatory properties NTI strains in combination with minimal presence of THC (< 0.3%) provides clear pathways to commercialisation:

## Pharmaceutical

- FDA new drug registration
- Huge potential upside
- Partnering/licensing opportunities

## Combination

- Fast route to commercialisation via the 505B2 route
- Combination with existing drugs i.e. Prednisone, Diclofenac, Celebrex

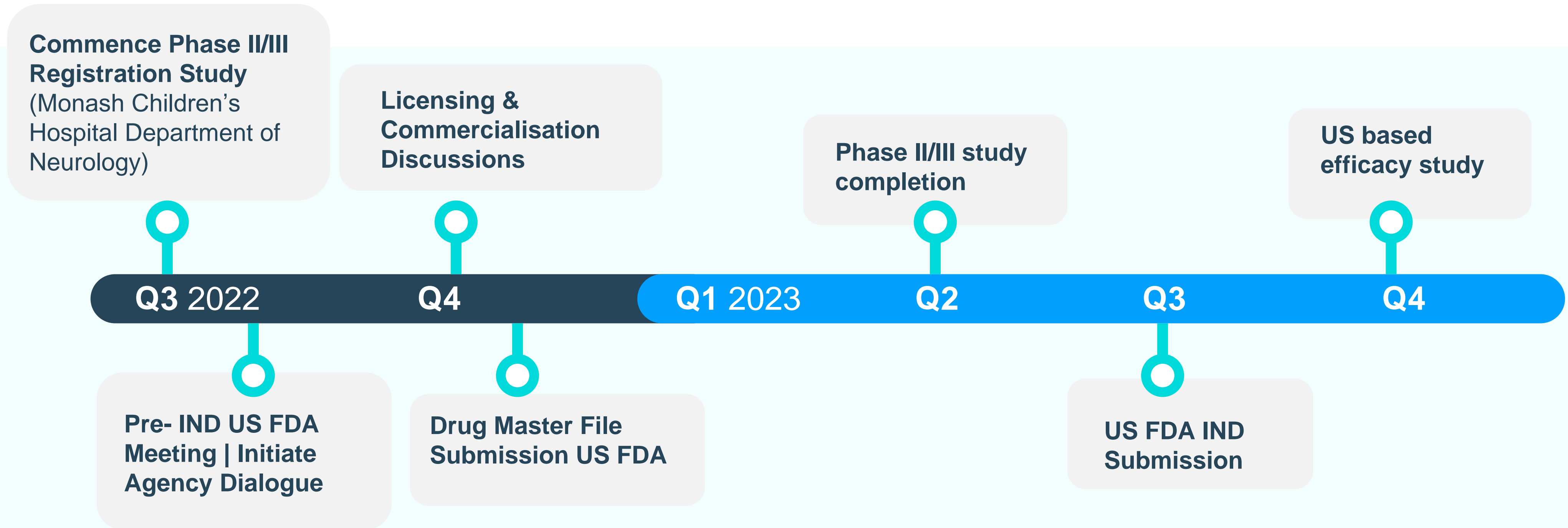
**GW Pharmaceuticals US\$7.2B  
Acquisition by Jazz Pharmaceuticals<sup>1</sup>**

# Neurotech vs Peers

	Zelira Therapeutics Ltd	Neurotech International Ltd	Emyria Ltd	Little Green Pharma Ltd	Incannex Healthcare Ltd
Ticker	ZLD	NTI	EMD	LGP	IHL
Market Cap	<b>A\$12M</b>	<b>A\$36M</b>	<b>A\$74M</b>	<b>A\$88M</b>	<b>A\$426M</b>
Properties	CBD, CBD+THC	CBD-A, CBG, CBN, CBN-B, CBD-P	Low and High dose CBD	CBD, THC, TCH+CBD	CBD
Stage	Commercial	Phase I/II Clinical	Clinical	Clinical, Commercial	Clinical
Treatments	Insomnia & Autism	Autism & other Neurological Diseases	Psychological distress, IBS	N/A	OSA, IBS, Lung Inflammation, Rheumatoid Arthritis, Concussion, Anxiety
Source	Website	Internal	Website	Website	Website

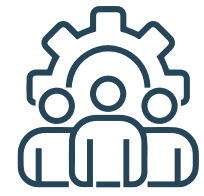


# NTI164 Development Program Timeline





# Why Invest



**Experienced  
board and  
management**



**Unique  
biopharmaceutical  
cannabinoid  
platform**



**Clinical  
programs  
underway  
targeting pivotal,  
unmet needs**



**Significant  
near term  
milestones  
& newsflow**







# Neurotech

International

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