Improving Lives

Neurotech International

AGM Presentation

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FY23 – A Year of Significant Progress

Neurotech International

Governance & Strategy
- New Board & Executive Management
- New Clinical and Development Focus

Access to Capital
- New Bank/Broker Relationships
- Completed $9.0m Capital Raise

Operational Execution
- Launched/reported new clinical trials
- Manufacturing Scale Up

Corporate / Capital Summary

$0.056
Share price
(as at 13 Nov 2023)

$49.4M
Market capitalisation

$6.1M
Pro-Forma Cash as 30 Sept*

~1,900
No. of shareholders

882.3M
Share on issue

116.3M^
NTIOA (13.5c) +
Other Options

$6.5M
FY23 R&D Exp.
(up from $2.6M in FY22)

53%
Top 20 Holders

* 30 September cash balance of $2.9 million + R&D Tax Incentive of $3.2 million
^Options are comprised at various strike prices between $0.04 to $0.16 as at 13 November 2023

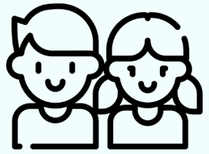
Neurotech is a clinical-stage biopharmaceutical development company focused predominately on paediatric neurological disorders

Neurotech International

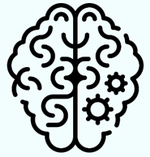
- NTI164 exclusive worldwide licence for neurological disorders
- Patents Pending – Use, Composition
- Novel oral biopharmaceutical cannabinoid platform (NTI164)
- Focus on Paediatric Patients
- Multiple Phase I/II and Phase II/III Clinical Trials
- Supportive Efficacy & Safety Data in Children

Neurotech Four Core Strategies

Neurotech International

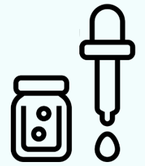


Focus on Paediatric Patients



Focus On Rare Neurological Disorders with Neuroinflammation

Focus on Partnering with Key Opinion Leaders / Clinicians



Focus On Drug Product Development

Clinical Pipeline – 2023

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Pre-Clinical

NTI164
Combination Therapies
Prednisone, Diclofenac, Other

Other Licensed Strains

Phase I/II

NTI164
Cerebral Palsy

NTI164
PANDAS / PANS[1]

NTI164
ASD
(54 week open label extension)

NTI164
Rett Syndrome
(Expected 1H CY23)

Phase II/III

NTI164
ASD

Pipeline (2020/1)

NTI164
Combination Therapies
Prednisone, Diclofenac, Other

NTI164
Neuronal Cell Assays

Other Licensed Strains

1. Paediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections (PANDAS) and Paediatric Acute-Onset Neuropsychiatric Syndrome (PANS)

Therapeutic Agent: NTI164

High potency, Broad Spectrum Cannabinoid Formulation in Oil, *C. sativa L.* (Plant Derived)

- THC < 0.3%
- Major constituent Cannabidiolic acid (CBDA)
- Minor constituents include other cannabinoids: CBD, CBG, CBGA, other + terpenes

Convenient 1x or 2x (split dose) oral formulation in oil, ideal format for pediatric patients 20mg/kg (CBDA)

NTI164 is not a low dose CBD oil to be sold over-the-counter

Entourage Effect

Neuroprotective

Anti- Neuroinflammatory

Developing NTI164 as a Therapeutic Agent

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- **NTI164 will be registered as a prescription-only medicine**
- **Neurotech investment into clinical trials to show safety and benefit**
- **Regulatory approval(s) will allow Neurotech to make a medical claim**
- **Significantly higher pricing and reimbursement + regulatory levers = strong competitive position**

FDA

EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Australian Government
Department of Health and Aged Care
Therapeutic Goods Administration

CBD OTC Market - Australia

Highly Competitive, Low Margin, Low Price, Lack of Differentiation, Stringent Regulatory Oversight – Not the Market for NTI164

48
CBD Products Registered on the ARTG[1]

44/35
Domestic Manufacturers/ Importers of Cannabis Products on ODC[2] Website

0
Number of over-the-counter (OTC) CBD products able to make a substantiated medical claim[3]

~$0.05
Average Cost per mg CBD

150mg
Max. amount of CBD per day allowed (sub-therapeutic)

101 / $1.3M
The number of infringements and total fines issued by TGA in FY23 (unlawful advertising)[4]

1. Australian Register of Therapeutic Goods (ARTG)
2. Office of Drug Control (ODC)
3. Approved by the Therapeutic Goods Administration (TGA) for one or more medical conditions via well-designed, valid clinical trials
4. Source: TGA

CBD as a Drug – Significant Long-Term Upside

TGA Approved Pharmaceutical Treatment – NTI164 Focus

1
TGA Approved CBD oil (Epidiolex®) – 3 rare diseases
→ Strong Market Position

1000mg
CBD for 50kg child at 20 mg/kg/day with Epidiolex®
→ Therapeutic Dosing

A$24k
Epidiolex® cost per annum in Australia (US$33k in USA)
→ High Price + Reimbursement

Epidiolex® Small Markets by Number Patients, Large by $ Value – NTI164 Focus

4,700 → Children with Dravet Syndrome in the USA[1]

13,400 → Children with Lennox-Gastaut Syndrome in the USA[2]

13,000 → Children with TSC in the USA[3]

US$731M → 2022 Sales

US$1Bn[4] → Jazz Pharmaceuticals sales expectations

253% → Sales CAGR 2018-2022

1. Based on 73m children with 1/15,700 living with disease
2. https://www.lgsfoundation.org/
3. Tuberous Sclerosis Complex (TSC)
4. Jazz Pharmaceuticals

Summary of Strategy

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Group Strategy

- Focus on Paediatric Patients
- Focus On Rare Neurological Disorders with Neuroinflammation
- Focus on Partnering with Key Opinion Leaders / Clinicians
- Focus On Drug Product Development

Implementation to Development

Current

- Phase I/II PANDAS/PANS
- Phase I/II Cerebral Palsy
- Phase II/III ASD
- Phase I/II Rett Syndrome

Potential

- Fragile-X
- ADHD
- Dravet
- Lennox-Gastaut

Neuroinflammation

Potential Regulatory Levers

FDA

- Pre-IND Feedback
- IND
- Orphan Drug Designation
- Priority Review
- Breakthrough Therapy
- Fast-Track
- Rare Pediatric Priority Voucher

EUROPEAN MEDICINES AGENCY

- Scientific Advice
- Protocol Assistance
- Orphan Drug Designation
- Accelerated Assessment

Commercialisation Examples*

2016 → 2018/9 → 2021

GW pharmaceuticals

Phase III Trials

Dravet

Lennox-Gastaut

FDA approval
EMA approval

FDA,EMA Orphan Designations, Fast-Track Status


Magazine Article | April 1, 2016

GW Pharmaceuticals Changes Its Focus To Rare Diseases

Source: Life Science Leader

By Suzanne Elvidge, Contributing Writer

Follow Me On Twitter @suzannewriter

Jazz Pharmaceuticals

US$7.2 Billion acquisition of GW[1]

2022 Epidiolex® Sales: US$736 Million[1]

2016 → 2018 → 2023

neuren pharmaceuticals

Pipeline focus on rare neurodevelopmental disorders
ASX:NEU Market Cap: $200M

ACADIA® Pharmaceuticals

US$455M Licence for Trofinetide in Rett[2]

ACADIA® Pharmaceuticals

FDA Approval for Rett
ROW licence for US$527M[2]

neuren pharmaceuticals

NEU Market Cap: $1.8Bn

Multiple FDA,EMA Orphan Designations, Fast-Track Status in Rett, Fragile-X, Angelman, Phelan-McDermid, Pitt Hopkins, Prader-Will

1. Jazz Pharmaceuticals 2. Neuren Pharmaceuticals

* For illustrative purposes only highlighting transactions in the rare paediatric neurological disorder field

Clinical Focus

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ASD

PANDAS/PANS

Cerebral Palsy

Rett Syndrome

Strong Scientific Rationale for NTI164

- Anti-inflammatory effects + safety
- Clinician support
- High Patient/Caregiver interest

Neurological & Neuroinflammation | Lack of effective treatments | Rare / Orphan | Paediatric Onset

Our Target Markets

Lack of effective therapies, significant unmet medical need

Annual Drug Therapy Market opportunity

Autism Spectrum Disorder (ASD)	Rett Syndrome	PANDAS/PANS	Cerebral Palsy (CP)
US$2 billion*	US$2 billion	US$1.4 billion[1]	US$4.3 billion
ndis	Orphan	Orphan	
$6.1 Billion – Implied annual cost of ASD to NDIS based on average ASD funding of $32,800 per annum e.g. physio, psychology, speech therapy, support workers			
• Prevalence of ~2.0M <18 yr. patients in the US • 2 Approved Drugs (* limited use) • Risperidone, Aripiprazole	• Prevalence of ~15,000 patients in the US • 1 Approved Drug • Trofinetide	• Incidence of ~6,000 patients <18 yr. in the US[1] • No FDA/EMA Approved Drug	• Incidence of ~500,000 <18 yr. patients in the US • 2 Approved Drugs for spastic CP • Baclofen, Botox

1. Neurotech Estimate based on: Wald ER, et al. Estimate of the incidence of PANDAS and PANS in 3 primary care populations. Front Pediatr. 2023 Sep 21; EU/UK: 8,000 pts / US: 6,000 pts <18 years based on annual intravenous immunoglobulin (IVIG) cost of ~US$100k (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8019941/)

Key Milestones – NTI164

1H CY2023

- Final results of ASD Phase I/II Clinical Trial (52 weeks)
- Commencement of Patient Recruitment PANDAS/PANS Phase I/II Clinical Trial
- HREC/TGA Extension of ASD Phase I/II Clinical Trial – 6 months
- FDA Pre-IND Meeting
- Launch Rett Syndrome Clinical Trial Initiative
- HREC/TGA Approval Rett Syndrome Phase I/II Clinical Trial *
- Completion of Patient Recruitment PANDAS/ PANS Phase I/II Clinical Trial

2H CY2023

- Commence Phase II Clinical Trial in Rett Syndrome
- Results of PANDAS/PANS Phase I/II Clinical Trial
- Completion of patient recruitment of Rett Syndrome Phase I/II Clinical Trial
- Completion of Patient recruitment ASD Phase II/III Clinical Trial (Q4)
- HREC/TGA Approval Cerebral Palsy Phase I/II Clinical Trial (Q4)
- Publication(s) of ASD Phase I/II data (through to 52 weeks)(Q4)

Q1 CY2024

- Results of Rett Syndrome Phase I/II Clinical Trial
- Results of ASD Phase II/III Clinical Trial

* 10 July 2023

Outlook

- Focus on rare paediatric neurological disorders
- Accelerated clinical development via rapid & cost-effective proof of concept Phase I/II clinical trials in Australia for new paediatric neurological disorders (PANDAS/PANS, Rett and CP)
- Two further clinical trial read-outs in Q1 CY2024
- Access to numerous regulatory levers from the FDA and EMA – initial focus on Orphan Drug Designations for PANDAS/PANS and Rett Syndrome in Europe and the US
- Planned meetings with TGA and FDA to refine regulatory process in 2024
- Fully funded to complete all current clinical trials

Neurotech International

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*This presentation has been authorised by the Board of Neurotech International Limited

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