28 April 2022

EGM Presentation

Executive Chairman Professor Bernard Tuch

ASX: LCT | OTCQB: LVCLY

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This document contains certain forward-looking statements, relating to LCT's business, which can be identified by the use of forward-looking terminology such as "promising", "plans", "anticipated", "will", "project", "believe", "forecast", "expected", "estimated", "targeting", "aiming", "set to", "potential", "seeking to", "goal", "could provide", "intends", "is being developed", "could be", "on track", or similar expressions, or by express or implied discussions regarding potential filings or marketing approvals, or potential future sales of product candidates.

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In particular, management's expectations regarding the approval and commercialization of the product candidates could be affected by, among other things, unexpected clinical trial results, including additional analysis of existing clinical data, and new clinical data; unexpected regulatory actions or delays, or government regulation generally; our ability to obtain or maintain patent or other proprietary intellectual property protection; competition in general; government, industry, and general public pricing pressures; and additional factors that involve significant risks and uncertainties about our products, product candidates, financial results and business prospects.

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Corporate Snapshot

Share Price

A$0.008

As at 20 April 2022

Market Capitalisation

A$8.2m

Shares on Issue

1,028m

Options

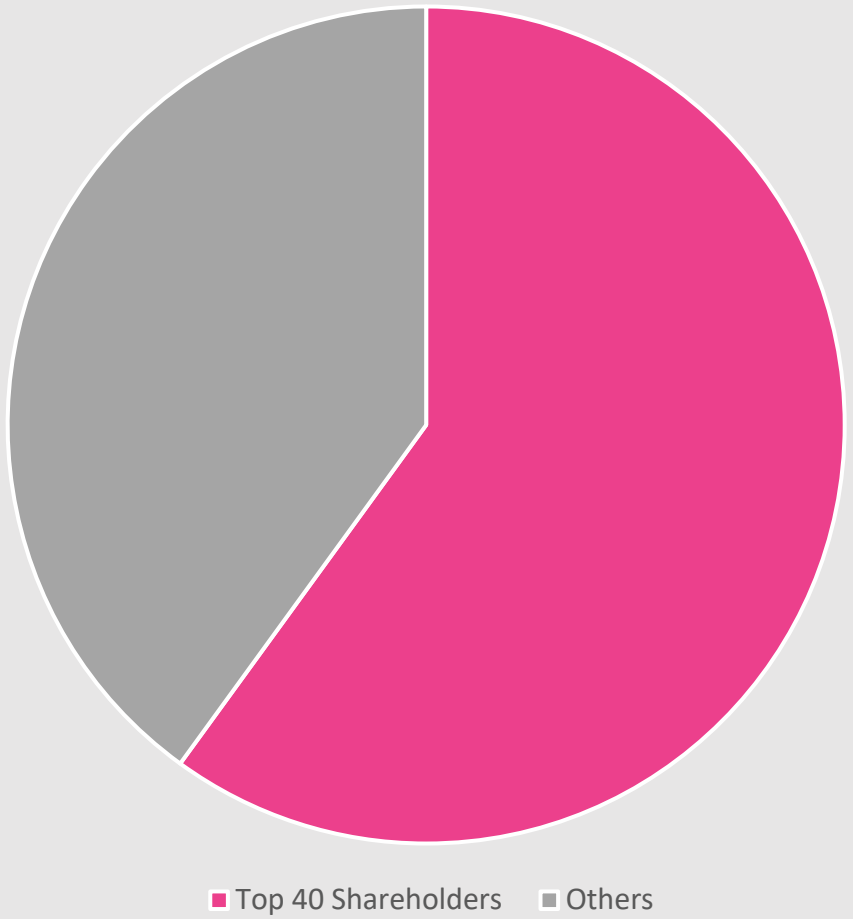
459m

Cash

A$3.7m

As at 28 February 2022

Share Distribution



Experienced Leadership

Professor Bernie Tuch

Chair,
Interim CEO

Robert Willcocks

Non-Executive Director

Professor Carolyn Sue AM

Non-Executive Director

Dr Andrew Kelly

Non-Executive Director

Mark Licciardo

Company Secretary

A Growing Global Market

Parkinson's disease market to reach US$11.5bn by 2029

- Worth US$5.7B by 2022 and US$11.5B by 2029
- CAGR of 12.6% driven by an ageing population
- 10M people with Parkinson's disease globally; 100,000 in Australia alone

Untapped Market

- The only treatments for management of Parkinson's Disease are drugs or medical implants to modulate the symptoms and signs of the disease

- There is currently no treatment to prevent progression of Parkinson's

NTCELL Project

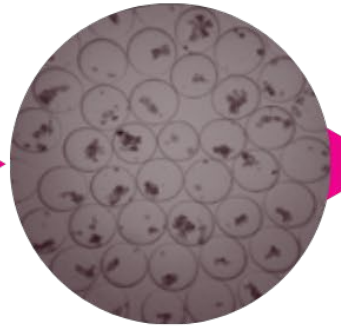
Source of Pigs

Sub-Antarctic Auckland Islands Pigs
Designated Pathogen-free

Choroid plexus

Surgical removal of brain tissue choroid plexus
Transported to Sydney

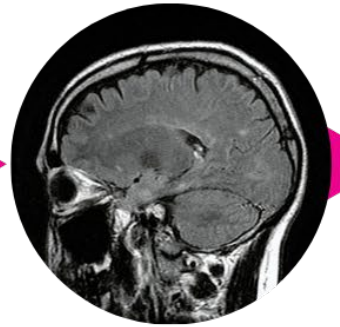
Encapsulation of cell clusters



Regulatory approval from TGA

Clinical Trial

50+ Parkinson's disease patients



Successful outcome

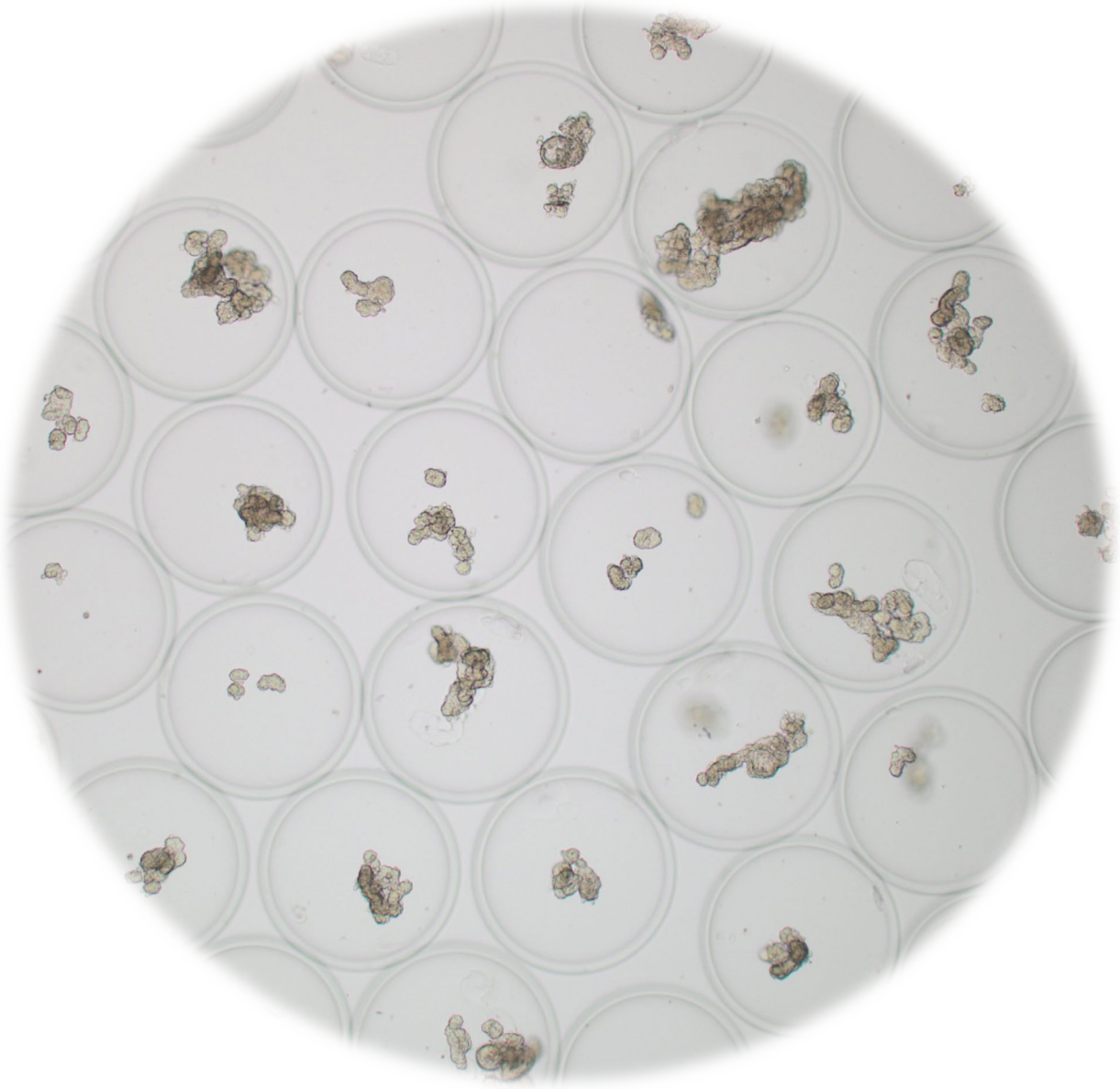
Commercialisation

Establishing Pig Source

- Tissue source from designated pathogen-free (DPF) Auckland Islands pigs bred and maintained in NZeno facilities, Invercargill secured
- Service Agreement signed with NZeno Jan 2022
- Pig facility being built to house pig herd
- Surgical facility being built to remove choroid plexus under aseptic conditions
- Choroid plexus to be flown to laboratory in Sydney, with 1st delivery expected 1st week in May

Manufacturing

- Perfecting our manufacturing process
- NTCELL to be prepared in non-GMP facility in readiness to move to a GMP facility elsewhere in NSW
- Research Agreement signed with University of Technology Sydney in March to allow for production of NTCELL in non-GMP facility
- Exploring use of AI in maintaining and selecting optimal NTCELL

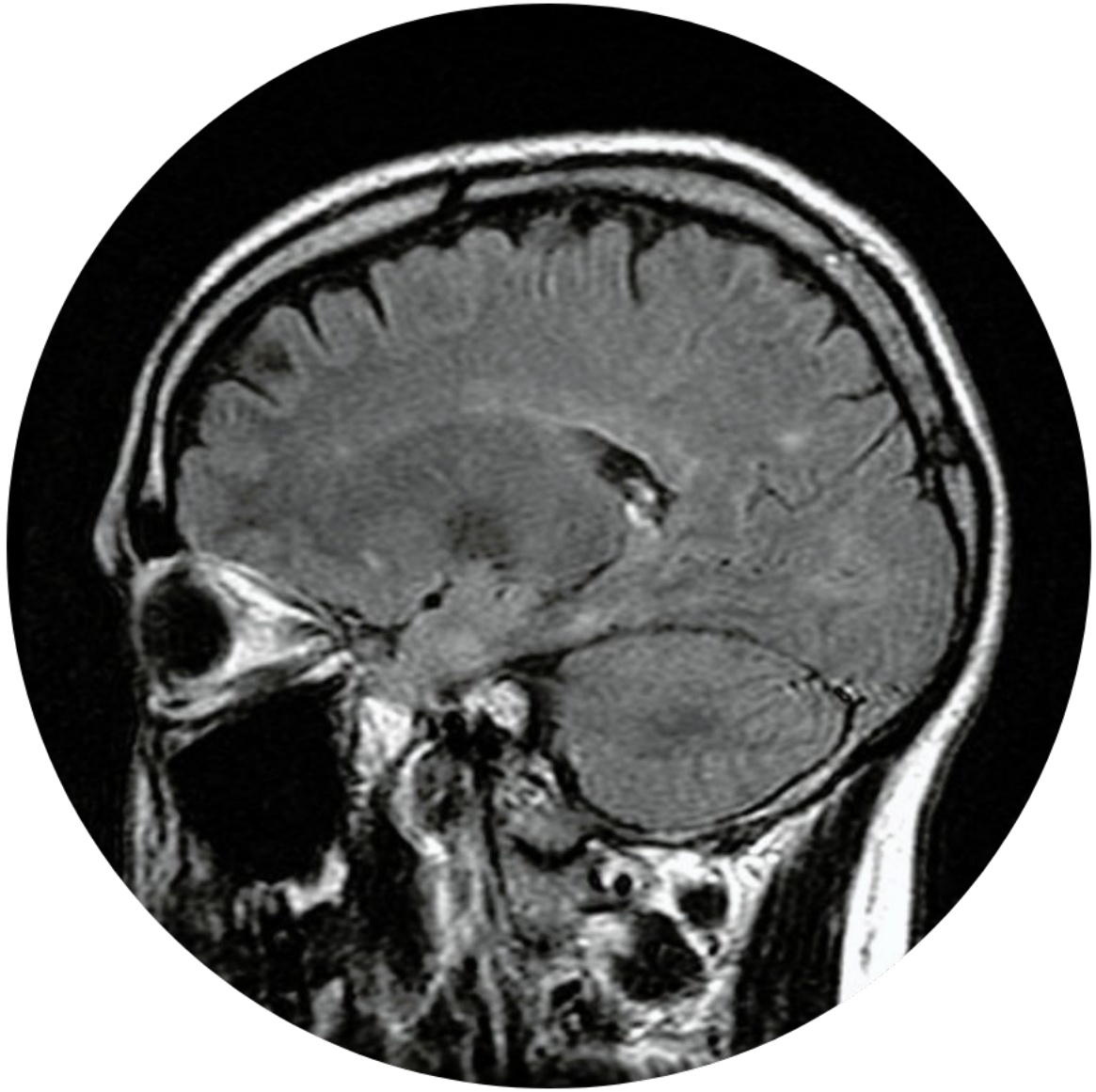


Regulatory Approval

- Regulatory approval required from Human Research Ethics Committee and Therapeutic Goods Administration (TGA)
- Likely to be the first Australian xenotransplantation trial with living cells
- Approval for two similar trials was obtained from Medsafe, the NZ equivalent of the TGA, in 2012 and 2015

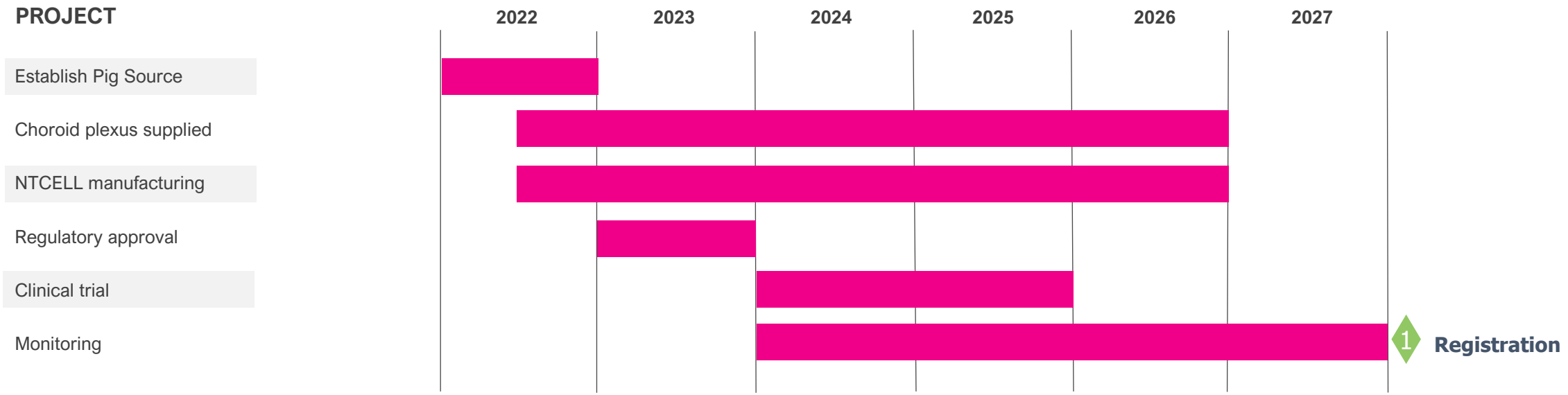
Clinical Trial and Monitoring

- Aim is to modulate disease progression. Our phase I/II trials demonstrated safety and identified effective dosages
- Planned site of clinical trial is Sydney, where a state-of-the-art PET scanner is being installed. This scanner can detect changes at a level of sophistication not previously available
- Professor Carolyn Sue (LCT Non-Executive Director) is an international authority on Parkinson's disease
- Patients recruited to the trial early to mid-stage Parkinson’s disease
- Plan to recruit 50+ recipients; half will receive NTCELL via surgical implantation



NTCELL Timeline

PROPOSED
PROJECT
TIMELINE



Other Research and Development Initiatives

- Diabecell a potential future revenue stream via Otsuka Pharmaceutical Factory, which is seeking FDA approval for the product. LCT has 5% royalty on eventual product sales that use Immupel encapsulation technology

- Other value-adding opportunities under active consideration

Investor Milestones

NTCELL: Confirmation of manufacture in non-GMP facility	Q3 2022
GMP manufacturing commences	Q4 2022
Regulatory approval for third clinical trial	Q4 2023
First implants in human trial participants	Q1 2024
Other value-adding opportunities	To be confirmed

Note: Timing expectations are based on current best estimates and may be subject to change

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