



## Living Cell Technologies Limited

**ACN:** 104 028 042  
**ASX:** LCT  
**OTCQX:** LVCLY

### ASX ANNOUNCEMENT

## US choroid plexus cells patent application published

---

**11 January 2017 – Sydney, Australia & Auckland, New Zealand** – Living Cell Technologies Limited has just received notice from the United States Patent and Trademark Office that its patent application “TREATMENT OF CNS DISEASE WITH INDUCIBLE CHOROID PLEXUS CELLS” No. 15/154,709 was published with a date of 15 December 2016. The application was filed on 13 May 2016 and the provisional application No. 62/162,390 was filed on 15 May 2015.

The abstract of the application is:

“Compositions and methods are disclosed that relate to improved treatments for nervous system diseases and disorders using CNS-implanted semi-permeable biocompatible capsules containing encapsulated pathogen-free xenogeneic choroid plexus (CP) cells that are induced to produce altered (and in certain embodiments increased) levels of one or more cerebrospinal fluid (CSF) components. Capsules are selected as disclosed to be capable of induction of elevated CSF production levels by CP cells that are remarkably (>16 months post implant) long lived, without eliciting immunological rejection, inflammation or foreign body response reactions.”

“The published application recognises a significant number of claims relating to our lead product, NTCELL<sup>®</sup>,” says Dr Ken Taylor, CEO of LCT.

– Ends –

**For further information:** [www.lctglobal.com](http://www.lctglobal.com)

<b>At the Company:</b> Ken Taylor Chief Executive Tel: +64 9 276 2690 Mobile: +64 21 796 000 <a href="mailto:ktaylor@lctglobal.com">ktaylor@lctglobal.com</a>	<b>Media Contact:</b> Rachael Joel Botica Butler Raudon Partners Tel: +64 9 303 3862 Mobile: +64 21 403 504 <a href="mailto:rachaelj@botica.co.nz">rachaelj@botica.co.nz</a>
--	---

### About Living Cell Technologies

Living Cell Technologies Limited (LCT) is an Australasian biotechnology company improving the wellbeing of people with serious diseases worldwide by discovering, developing and commercialising regenerative treatments which restore function using naturally occurring cells.

LCT’s lead product, NTCELL<sup>®</sup>, is an alginate coated capsule containing clusters of neonatal porcine choroid plexus cells. After transplantation NTCELL functions as a biological factory, producing factors to promote new central nervous system growth and repair disease-induced nerve degeneration.

The Phase I/IIa NTCELL clinical trial in New Zealand for the treatment of Parkinson's disease met the primary endpoint of safety and reversed progression of the disease two years after implant. Results from this trial were used to design a larger Phase IIb trial to confirm the most effective dose of NTCELL, define any placebo component of the response and further identify the initial target Parkinson's disease patient sub group. This trial commenced in March 2016. If the trial is successful, the company will apply in late 2017 for provisional consent to treat paying patients in New Zealand and launch NTCELL as the first disease modifying treatment for Parkinson's disease.

In addition to Parkinson's disease, NTCELL has the potential to be used in a number of other central nervous system indications, including Huntington's, Alzheimer's and motor neurone diseases including amyotrophic lateral sclerosis (ALS).

LCT's proprietary encapsulation technology, IMMUPEL™, allows cell therapies to be used without the need for co-treatment with drugs that suppress the immune system.

LCT is listed on the Australian (ASX: LCT) and US (OTCQX: LVCLY) stock exchanges. The company is incorporated in Australia, with its operations based in New Zealand.

For more information visit [www.lctglobal.com](http://www.lctglobal.com) or follow @lctglobal on Twitter.

### **Forward-looking statements**

This document may contain 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. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from any future results, performance or achievements expressed or implied by such statements. There can be no assurance that any existing or future regulatory filings will satisfy the FDA's and other health authorities' requirements regarding any one or more product candidates nor can there be any assurance that such product candidates will be approved by any health authorities for sale in any market or that they will reach any particular level of sales. In particular, management's expectations regarding the approval and commercialisation 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. Should one or more of these risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated or expected. LCT is providing this information and does not assume any obligation to update any forward-looking statements contained in this document as a result of new information, future events or developments or otherwise.