



## **Living Cell Technologies Limited**

### **COMPANY ANNOUNCEMENT:**

#### **Living Cell Technologies' Diabetes Clinical Trial Authorized by New Zealand Government**

**24 June 2009: Sydney, Australia, Auckland, New Zealand– Living Cell Technologies Limited (ASX: LCT; OTCQX: LVCLY)** today announced that the New Zealand Minister of Health, the Honourable Tony Ryall, has authorized LCT's New Zealand Phase I/IIa clinical trial of DIABECCELL<sup>®</sup> for insulin dependent diabetes.

The authorization confirms the conditions announced on 19 June 2009. One condition of the new authorization limits participation in the trial to patients with poorly controlled (brittle) diabetes. The remaining conditions are procedural rather than substantive in nature and LCT and the Middlemore Hospital clinical team conducting the trial, have requested the Regional Ethics Committee formally accept the changes required by the Minister.

LCT CEO Dr Paul Tan said: "We are pleased that the conditions have been finalized and LCT looks forward to commencing the trial within the next two months with the acceptance of the changes by the Ethics Committee."

Professor Bob Elliott, LCT Founder and Medical Director added: "The New Zealand diabetes trial is another major milestone for LCT. With two diabetes patients not requiring insulin following implants with encapsulated pig islet cells in our first study in Russia, we expect to see further benefit in more patients as we use higher doses of DIABECCELL<sup>®</sup> in the New Zealand trial."

LCT's Phase I/IIa clinical trial in Russia started with a low dose of DIABECCELL<sup>®</sup>. In May 2009 LCT reported preliminary data showing sustained long term clinical benefit in patients treated with the DIABECCELL<sup>®</sup> implant with no remarkable adverse events. Remarkably, two of seven patients given implants are now off insulin injections.

The New Zealand trial allows LCT to extend its Phase I/IIa clinical data with eight patients, four of whom are to receive double the initial dose used in Russia followed by four patients to receive triple the dose.

Dr John Baker, Clinical Director and Diabetes Physician at Middlemore Hospital, Auckland, who will be conducting the trial said, "There are many patients with poorly controlled diabetes who would qualify for this trial."

DIABECCELL<sup>®</sup> is designed to normalize blood glucose levels in type 1 diabetes sufferers. DIABECCELL<sup>®</sup> comprises encapsulated porcine insulin-producing cells which can be administered without the need to use immunosuppressive drugs.



Type 1 diabetes occurs when the body's own immune system destroys the insulin-producing cells of the pancreas (called beta cells). Five to 10 percent of the more than 200 million diabetics worldwide have insulin dependent type 1 diabetes. Type 1 diabetes is associated with kidney failure, blindness, nerve damage, life-threatening cardiovascular disease and limb amputations. Current treatment options include multiple daily injections of insulin.

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

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**About Living Cell Technologies: [www.lctglobal.com](http://www.lctglobal.com)**

*Living Cell Technologies (LCT) is developing cell-based products to treat life threatening human diseases. The Company owns a biocertified pig herd that it uses as a source of cells for treating diabetes and neurological disorders. For patients with Type 1 diabetes, the Company transplants microencapsulated islet cells so that near-normal blood glucose levels may be achieved without the need for administration of insulin or at significantly reduced levels. The Company entered clinical trials for its diabetes product in 2007. For the treatment of Parkinson's disease and other neurological disorders, the company transplants microencapsulated choroid plexus cells that deliver beneficial proteins and neurotrophic factors to the brain. LCT's technology enables healthy living cells to be injected into patients to replace or repair damaged tissue without requiring the use of immunosuppressive drugs to prevent rejection. LCT also offers medical-grade porcine-derived products for the repair and replacement of damaged tissues, as well as for research and other purposes.*

#### **LCT Disclaimer**

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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 materialize, 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.