

# EQUITY RAISING PRESENTATION



AVEXA



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## EXECUTIVE SUMMARY

- Avexa Limited (ASX Code: AVX) (Avexa) is undertaking an equity raising up to \$4.0 million to fund the development and commercialisation of the advanced technology acquired from TALI Health Pty Ltd (TALI).
  - Issue Price of \$0.16
  - ▶ Price calculated to reflect the proposed 20:1 consolidation.
- ► The Equity Raising comprises:
  - ▶ Up to \$4.0 million placement to Institutional and Sophisticated Investors (Placement).
- The proceeds of the Placement will be used to fund the further commercialisation of the TALI technology via the following:
  - Planning for Development and Trial Phases;
  - Product Development;
  - Testing, Validation, Clinical Trial Support & Data Analysis; and
  - Provision for Clinical Support.









## COMPANY OVERVIEW

- Avexa is a Biotechnology Company dedicated to the discovery and development of new drugs to treat serious infectious diseases, particularly Human Immunodeficiency Virus (HIV). Owing to the propensity of viruses and bacteria to become resistant to existing drugs, there is a constant need for new drugs to treat patients who have failed existing standard treatments. We focus on applying our expertise in these specialist, high value areas where the therapeutic need is greatest.
- Avexa's lead project is Apricitabine (ATC), a new treatment for drug resistant HIV infection. ATC has proven clinical activity through numerous clinical trials and is in the last stage of development prior to approval. Our HIV integrase project is at an earlier stage of development, but shows great promise as a once daily integrase inhibitor for integrase-resistant HIV. Our antibiotic project focusses on developing drugs against antibiotic-resistant bacterial infections, widely recognised as an emerging and serious threat to public health.
- Any further clinical development on Avexa's late and early stage drug portfolio is awaiting investment returns from the investment in Coal Holdings USA; meanwhile, the Directors have been actively searching for a healthcare business undertaking that fits strict criteria including the prospect of near term returns for shareholders.











## NEW OPPORTUNITY FOR AVEXA

- ▶ On the 12<sup>th</sup> October 2015 Avexa Limited announced it had entered into a binding Implementation Deed with TALI Health Pty Ltd (TALI) to acquire all of the ordinary voting shares in TALI in exchange for the issue to TALI shareholders of fully paid ordinary shares in Avexa.
- ► TALI has the exclusive global license to the TALI Technology which underpins TALI's revolutionary and innovative cognitive function approach to diagnosing and treating developmental disabilities, including Autism, in modern society.
- ▶ The transaction is conditional on several matters including all TALI shareholders accepting the Avexa offer and satisfactory completion of the private placement as well as Avexa shareholder approval of the transaction by ordinary resolutions, including approval of issue of shares to TALI shareholders and under the private placement.
- ▶ A private placement of up to \$4.0 million to sophisticated and professional investors is proposed to be undertaken by Avexa upon closing of the proposed transaction (subject to shareholder approval).











## ABOUT TALI

- ► TALI Health has the exclusive global license to the TALI Technology together with the option to acquire the TALI Technology outright.
- ► TALI is seeking to position itself as the global leader in the diagnosis and treatment of children with intellectual disabilities, via the unique cognitive abilities focused on in the TALI Process.
- ▶ The TALI Process is a result of ground-breaking research pioneered over twenty years by internationally renowned Professor Kim Cornish, Head of School of Psychological Sciences at Monash University and her team.
- A collaboration between Monash University, Grey Innovation Pty Ltd and Torus Games Pty Ltd, together developed the solution in response to the absence of holistic approaches in addressing the limited awareness and treatment of intellectual disabilities, including Autism, in modern society.
- ▶ The front end of the TALI Process is an attention measuring and training game (accessed by downloading an "App") for delivering interventions on tablets (or similar). The back end of the TALI Process is a Cloud based, centralised secure data collection, analysis and report back function.



















## TALI TECHNOLOGY

- ▶ Unlike other technology, the TALI Technology recognises that not all children with Developmental Delay (DD) will have the same degree or type of attention difficulty.
- ▶ In some children, the ability to remain focused on a given task may be especially weak but other attention skills, such as selection of salient information may be less vulnerable to impairment. These relative strengths, once identified, can be used to improve and build up the weaker attention skills and also improve cognitive functions related to working memory, literacy and numeracy.
- ▶ By avoiding a "one-size-fits all" approach to intervention which is neither satisfactory nor likely to produce a sustained long-term improvement in attention functions, the TALI Technology enables intervention uniquely designed for children with DD. In addition, the TALI program is sensitive in distinguishing between age related changes in attention skills.













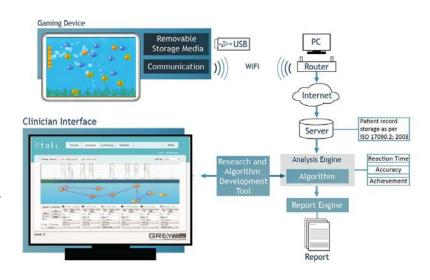






# TALI TECHNOLOGY (cont.)

- ▶ The TALI Technology is accessed by downloading an "App" from the internet via everyday electronic devices (e.g. tablet, computer, etc.) making the TALI Technology portable and able to be used at home or school as well as accessible to children in metropolitan and rural regions, particularly areas that often cannot access intervention services which are located predominantly in metropolitan regions.
- ▶ The back end of the TALI Process is a powerful computer program that collects and analyses data each time a patient plays one of the computer games.
- ▶ The analysis of this data is used to prepare reports for clinical professionals, teachers and parents to use for diagnostic and therapeutic purposes and then to monitor the progress of their patients, and, where necessary, adjust the treatment.













## BENEFITS OF TALITECHNOLOGY

- More accurate measurement measurements made thousands of times each gameplay;
- More frequent assessment TALI can be used several times each day;
- Not subjective a repeatable accurate measurement;
- Results stored can return to results and observe changes in level of cognitive ability to measure effects of interventions and medications;
- Scientifically validated- designed by researchers, tested in a randomised controlled trial by Monash University;
- Ongoing scientific analysis and development by Monash University-Institute for Cognitive and Clinical Neurosciences (ICCN)
- Convenience can be used in the home; and
- Simple billing model- (e.g.) report cost integrated into clinician fee.









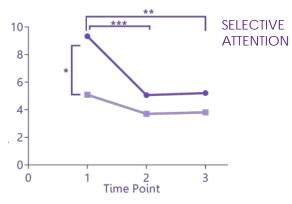


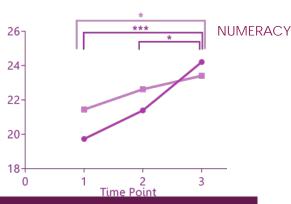


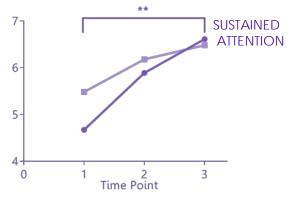


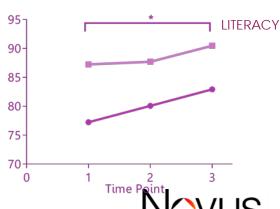
# TALI – CLINICAL TRIAL FINDINGS

- A double blind randomised controlled trial was 10 conducted comprising 76 children aged 4 to 11 years with developmental disabilities (IQ<75).</li>
- ▶ The trial assessed whether children who used the TALI program for 20 minutes, five days a week over a five week period, showed greater benefits in attention and academic outcomes than children in a control group
- ► Core findings revealed general improvements in the attention training group on most outcome measures.











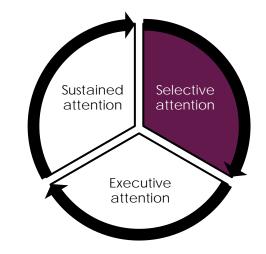


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# TALI - CLINICAL TRIAL FINDINGS (cont.)

- Training specific effects were observed in selective attention and numeracy skills. E.g. children who used the TALI program improved significantly more than children in the control program
- These result provide the first indication that a relatively short but intensive intervention can lead to improvements in aspects of attention which can transfer to learning in children with developmental disabilities.











## EQUITY RAISING

### Offer Overview

- ▶ A Placement to professional and sophisticated investors will seek to raise up to \$4.0 million at an issue price of \$0.16 per share (after taking into account the proposed 20:1 consolidation).
- ► This Placement will be subject to shareholder approval at the Annual General Meeting scheduled for Thursday 26<sup>th</sup> November 2015.
- ▶ The funds raised in this Placement will be applied towards product development, Torus Games enhancements, clinical trials and workshops and initial rollout in targeted centres of TALI.









# USE OF FUNDS

Description	Amount
Planning for Development and Trial Phases	\$225,000
Product Development	\$1,710,000
Testing, Validation, Clinical Trial Support & Data Analysis	\$460,000
Provision for Clinical Support	\$350,000
Marketing & Advertising	\$800,000
Working Capital	\$455,000
TOTAL	\$4,000,000









# EQUITY RAISING INDICATIVE TIMETABLE

Event	Date
Placement Offer Opens	9 <sup>th</sup> November 2015
Placement Offer Closes	25 <sup>th</sup> November 2015
Quotation of new shares issued under Placement	2 <sup>nd</sup> December 2015









# CONTACT



Iain Kirkwood
Avexa Limited

Ph: +61(0) 408 473 496

E: <u>iain@sandringham.com.au</u>



Benjamin Yeo Novus Capital Limited Ph: +61(0)3 8602 1713

E: <u>ben.yeo@novuscapital.com.au</u>





