



Issue of Employee and Advisor Options

Sydney 6 February 2017: The Board of Actinogen Medical (ASX: ACW) advises that it has today issued 4,950,000 options pursuant to the Employee Option Plan (see attached Appendix 3B).

The Employee Options have an exercise price of \$0.10 each, expire on 5 February 2021, with the majority vesting subject to the achievement of a number of pre-defined targets in patient recruitment for XanADu over a 2 year period and the balance vesting 2 years from the date of issue.

In addition, the Company proposes to issue up to 3,000,000 options to corporate advisors at an exercise price of \$0.10 each and with expiry date of up to 24 months from the date of issue. The timing of the issue of these options has yet to be determined.

ENDS

Actinogen Medical

Dr. Bill Ketelbey

CEO & Managing Director

P: +61 2 8964 7401

E: bill.ketelbey@actinogen.com.au

 @BillKetelbey

About Actinogen Medical

Actinogen Medical (ASX: ACW) is an ASX-listed biotech company focused on innovative approaches to treating cognitive decline that occurs in chronic neurodegenerative and metabolic diseases. Xanamem™, Actinogen Medical's lead candidate drug, blocks excess production of the stress hormone cortisol in the brain. There is growing evidence that chronic stress and excess cortisol leads to changes in the brain affecting memory, and to the development of amyloid plaques and neural death – all hallmarks of Alzheimer's disease. In 2016, the Company initiated XanADu, a Phase II efficacy and safety trial of Xanamem™ in mild Alzheimer's disease.

About Xanamem™

Xanamem™ is being developed as a promising new therapy for Alzheimer's disease, a condition with a multibillion dollar market potential. In the US alone, the cost of managing Alzheimer's disease in 2013 was estimated to be US\$250bn, and is set to increase to US\$1 trillion by 2050, outstripping the treatment costs of all other diseases. Alzheimer's disease is now the leading cause of death in the UK and second only to ischaemic heart disease in Australia. Xanamem™'s novel mechanism of action sets it apart from other Alzheimer's treatments. It works by blocking the excess production of cortisol - the stress hormone - in the hippocampus and frontal cortex, the areas of the brain most affected by Alzheimer's disease.

Actinogen Medical encourages all current investors to go paperless by registering their details with the designated registry service provider, Link Market Services.

ACTINOGEN MEDICAL LIMITED TRADING AS ACTINOGEN MEDICAL ACN 086 778 476 ASX | ACW

Level 9, Suite 1, 68 Pitt Street, Sydney NSW 2000 AUSTRALIA

TELEPHONE +61 2 8964 7401

WEB www.actinogen.com.au

Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12

Name of entity

Actinogen Medical Limited

ABN

14 086 778 476

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

- | | | |
|---|--|--|
| 1 | +Class of +securities issued or to be issued | Unlisted options to acquire fully paid ordinary shares |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 4,950,000 |
| 3 | Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion) | Unlisted options to acquire fully paid ordinary shares, exercisable at \$0.10 each. 4,450,000 unlisted options vest subject to the achievement of a number of pre-defined targets in patient recruitment for XanADu over a 2 year period and 500,000 unlisted options vest 2 years from the date of issue. The unlisted options expire on 5 February 2021. |

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

<p>4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	<p>Shares issued on exercise of the unlisted options will rank equally with existing listed fully paid ordinary shares.</p>
<p>5 Issue price or consideration</p>	<p>Nil</p>
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>Issued pursuant to the Company's Employee Option Plan adopted at Annual General Meeting held on 12 November 2015.</p>
<p>6a Is the entity an +eligible entity that has obtained security holder approval under rule 7.1A?</p> <p>If Yes, complete sections 6b – 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i</p>	<p>Yes.</p>
<p>6b The date the security holder resolution under rule 7.1A was passed</p>	<p>12 November 2015</p>
<p>6c Number of +securities issued without security holder approval under rule 7.1</p>	<p>500,000</p>
<p>6d Number of +securities issued with security holder approval under rule 7.1A</p>	<p>Nil</p>

+ See chapter 19 for defined terms.

6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Nil	
6f	Number of securities issued under an exception in rule 7.2	4,450,000 unlisted options issued under Exception 9 in Listing Rule 7.2.	
6g	If securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the issue date and both values. Include the source of the VWAP calculation.	Not applicable	
6h	If securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	Not applicable	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market Announcements	7.1	89,888,783
		7.1A	60,615,855
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	6 February 2017	
8	Number and +class of all +securities quoted on ASX (including the securities in section 2 if applicable)	Number	+Class
		606,693,558	Fully paid ordinary shares (ACW)

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

	Number	+Class
9	Number and +class of all +securities not quoted on ASX (including the securities in section 2 if applicable)	54,000,000
		Unlisted options exercisable at 2 cents each on or before 30 November 2018.
		4,950,000
		Unlisted options exercisable at \$0.10 each on or before 5 February 2021 and subject to vesting conditions.
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Not applicable

Part 2 - Bonus issue or pro rata issue – Not Applicable

11	Is security holder approval required?	
12	Is the issue renounceable or non-renounceable?	
13	Ratio in which the +securities will be offered	
14	+Class of +securities to which the offer relates	
15	+Record date to determine entitlements	
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	
17	Policy for deciding entitlements in relation to fractions	
18	Names of countries in which the entity has +security holders who will not be sent new issue documents <small>Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.</small>	
19	Closing date for receipt of acceptances or renunciations	

+ See chapter 19 for defined terms.

- | | | |
|----|---|--|
| 20 | Names of any underwriters | |
| 21 | Amount of any underwriting fee or commission | |
| 22 | Names of any brokers to the issue | |
| 23 | Fee or commission payable to the broker to the issue | |
| 24 | Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of ⁺ security holders | |
| 25 | If the issue is contingent on ⁺ security holders' approval, the date of the meeting | |
| 26 | Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled | |
| 27 | If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders | |
| 28 | Date rights trading will begin (if applicable) | |
| 29 | Date rights trading will end (if applicable) | |
| 30 | How do ⁺ security holders sell their entitlements <i>in full</i> through a broker? | |
| 31 | How do ⁺ security holders sell <i>part</i> of their entitlements through a broker and accept for the balance? | |

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

32 How do +security holders dispose of their entitlements (except by sale through a broker)?

33 +Despatch date

Part 3 - Quotation of securities

You need only complete this section if you are applying for quotation of securities

34 Type of securities
(tick one)

(a) Securities described in Part 1

(b) All other securities

Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to indicate you are providing the information or documents

35 If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders

36 If the +securities are +equity securities, a distribution schedule of the additional +securities setting out the number of holders in the categories
1 - 1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 100,000
100,001 and over

37 A copy of any trust deed for the additional +securities

Entities that have ticked box 34(b)

38 Number of securities for which +quotation is sought

+ See chapter 19 for defined terms.

39 Class of +securities for which quotation is sought

40 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?

If the additional securities do not rank equally, please state:

- the date from which they do
- the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment
- the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment

41 Reason for request for quotation now

Example: In the case of restricted securities, end of restriction period

(if issued upon conversion of another security, clearly identify that other security)

	Number	+Class
42	Number and +class of all +securities quoted on ASX (including the securities in clause 38)	

Quotation agreement

1 +Quotation of our additional +securities is in ASX’s absolute discretion. ASX may quote the +securities on any conditions it decides.

2 We warrant the following to ASX.

- The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
- There is no reason why those +securities should not be granted +quotation.


+ See chapter 19 for defined terms.

Appendix 3B New issue announcement

- An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.
 - If we are a trust, we warrant that no person has the right to return the +securities to be quoted under section 1019B of the Corporations Act at the time that we request that the +securities be quoted.
- 3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- 4 We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before +quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.



Peter Webse
Company secretary
Date: 6 February 2017

+ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for +eligible entities – Not applicable

Introduced 01/08/12

Part 1

Rule 7.1 – Issues exceeding 15% of capital	
Step 1: Calculate “A”, the base figure from which the placement capacity is calculated	
Insert number of fully paid ordinary securities on issue 12 months before date of issue or agreement to issue	606,158,558
<p>Add the following:</p> <ul style="list-style-type: none"> • Number of fully paid ordinary securities issued in that 12 month period under an exception in rule 7.2 • Number of fully paid ordinary securities issued in that 12 month period with shareholder approval • Number of partly paid ordinary securities that became fully paid in that 12 month period <p><i>Note:</i></p> <ul style="list-style-type: none"> • <i>Include only ordinary securities here – other classes of equity securities cannot be added</i> • <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	
Subtract the number of fully paid ordinary securities cancelled during that 12 month period	-
“A”	606,158,558

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

Step 2: Calculate 15% of “A”	
“B”	0.15 <i>[Note: this value cannot be changed]</i>
Multiply “A” by 0.15	90,923,783
Step 3: Calculate “C”, the amount of placement capacity under rule 7.1 that has already been used	
<p>Insert number of equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:</p> <ul style="list-style-type: none"> • Under an exception in rule 7.2 • Under rule 7.1A • With security holder approval under rule 7.1 or rule 7.4 <p><i>Note:</i></p> <ul style="list-style-type: none"> • <i>This applies to equity securities, unless specifically excluded – not just ordinary securities</i> • <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	<p>535,000 fully paid ordinary shares 6 May 2016 500,000 unlisted options 6 February 2017</p>
“C”	1,035,000
Step 4: Subtract “C” from [“A” x “B”] to calculate remaining placement capacity under rule 7.1	
“A” x 0.15 <i>Note: number must be same as shown in Step 2</i>	90,923,783
Subtract “C” <i>Note: number must be same as shown in Step 3</i>	1,035,000
Total [“A” x 0.15] – “C”	89,888,783 <i>[Note: this is the remaining placement capacity under rule 7.1]</i>

+ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities	
Step 1: Calculate “A”, the base figure from which the placement capacity is calculated	
“A” <i>Note: number must be same as shown in Step 1 of Part 1</i>	606,158,558
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	60,615,855
Step 3: Calculate “E”, the amount of placement capacity under rule 7.1A that has already been used	
Insert number of equity securities issued or agreed to be issued in that 12 month period under rule 7.1A Notes: <ul style="list-style-type: none"> • <i>This applies to equity securities – not just ordinary securities</i> • <i>Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	-
“E”	60,615,855

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A	
"A" x 0.10 <i>Note: number must be same as shown in Step 2</i>	60,615,855
Subtract "E" <i>Note: number must be same as shown in Step 3</i>	-
Total ["A" x 0.10] – "E"	60,615,855 <i>Note: this is the remaining placement capacity under rule 7.1A</i>

+ See chapter 19 for defined terms.