1Rule 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.

| . 7 | | |
|----------------|--|--|
| Name of entity | | |
| Phar | naxis Ltd | |
| ABN | | |
| | | |
| 75 0 | 2 811 630 | |
| | | |
| | | |
| We (1 | e entity) give ASX the following information | |
| We (1 | ne entity) give ASX the following information. | |
| We (1 | ne entity) give ASX the following information. | |
| · | | |
| · | ne entity) give ASX the following information. | |
| Par | | |
| Par | t 1 - All issues | |
| Par | t 1 - All issues | |

-Of personal use only

Number of +securities issued or to be issued (if known) or maximum number which may be issued

2,999,074

Principal terms of the *securities (eg, if options, exercise price and date; if partly +securities, the amount outstanding and due dates for payment; if +convertible securities, conversion price and dates for conversion)

Issue of fully paid ordinary shares under the Share Purchase Plan announced to the market on 11th October 2007 and closed on 9th November 2007.

⁺ See chapter 19 for defined terms.

| 1 п |
|-----|

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

Yes.

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

Issue price or consideration

5

\$3.90

6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets) Together with the recent share placement, to strengthen the balance sheet of the Company as it enters a period of significant investment and position Pharmaxis to continue with its growth strategy. Upcoming investments include clinical trials and marketing of Bronchitol and Aridol and the fit-out of a new purpose-built facility to house Pharmaxis' research, manufacturing, clinical, sales and marketing and administrative activities.

7 Dates of entering *securities into uncertificated holdings or despatch of certificates 16th November 2007

8 Number and +class of all +securities quoted on ASX (including the securities in clause 2 if applicable)

| Number | +Class | | |
|-------------|--------------------|-------|------|
| 194,424,554 | Ordinary shares | fully | paid |

Appendix 3B Page 2 1/1/2003

⁺ See chapter 19 for defined terms.

-Of personal use only

9 Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)

| Number | +Class |
|-----------|---|
| 1,220,000 | Options expiring on |
| | various dates with an |
| | exercise price of |
| | \$0.125 (ASX Code |
| | PXSAM) |
| 4,186,000 | Options expiring on |
| | various dates with an |
| | exercise price of |
| | \$0.3125 (ASX Code |
| | PXSAO) |
| 500,000 | Options expiring 30 |
| | November 2013 with |
| | an exercise price of |
| | \$0.376 (ASX Code |
| 22.500 | PXSAQ) |
| 22,500 | Options expiring 24 March 2014 with an |
| | exercise price of |
| | \$0.508 (ASX Code |
| | PXSAS) |
| 15,000 | Options expiring 3 |
| 15,000 | June 2014 with an |
| | exercise price of |
| | \$0.426 (ASX Code |
| | PXSAU) |
| 240,000 | Options expiring 1 |
| | February 2015 with an |
| | exercise price of |
| | \$0.8340 (ASX Code |
| | PXSAY) |
| 320,000 | Options expiring 11 |
| | May 2015 with an |
| | exercise price of |
| | \$1.147 (ASX Code |
| 706.250 | PXSAW) |
| 786,250 | Options expiring 4 |
| | August 2015 with an |
| | exercise price of \$1.79 |
| 70,000 | (ASX Code PXSAZ) Options expiring 17 |
| 70,000 | Options expiring 17 October 2015 with an |
| | exercise price of |
| | \$2.772 (ASX Code |
| | PXSAA) |
| L | 1 / 10/ 1/ 1/ |

⁺ See chapter 19 for defined terms.

| 260,000 | Options expiring 12 |
|-----------|-----------------------|
| | February 2016 with an |
| | exercise price of |
| | \$2.194 (ASX Code |
| | PXSAB) |
| 96,500 | Options expiring 31 |
| | May 2016 with an |
| | exercise price of |
| | \$2.034 (ASX Code |
| | PXSAC) |
| 893,707 | Options expiring 14 |
| | August 2016 with an |
| | exercise price of |
| | \$1.917 (ASX Code |
| | PXSAD) |
| 47,500 | Options expiring 19 |
|) | September 2016 with |
| | an exercise price of |
| | \$1.8918 (ASX Code |
| | PXSAE) |
| 45,000 | Options expiring 13 |
| , | December 2016 with |
| | an exercise price of |
| | \$3.0710 (ASX Code |
| | PXSAF) |
| 200,000 | Options expiring 15 |
| 200,000 | March 2016 with an |
| | exercise price of |
| | \$2.0680 (ASX Code |
| | PXSAG) |
| 237,500 | Options expiring 17 |
| | June 2017 with an |
| | exercise price of |
| | \$3.3155 (ASX Code |
| | PXSAH) |
| 1,633,000 | Options expiring 9 |
| -,500,000 | August 2017 with an |
| | exercise price of |
| | \$3.33890 (ASX Code |
| | PXSAL) |
| 150,000 | Options expiring 9 |
| 20,000 | August 2017 with an |
| | exercise price of |
| | \$3.33890 (ASX Code |
| | PXSAI) |
| 200,000 | Options expiring 14 |
| 200,000 | November 2016 with |
| | an exercise price of |
| | \$3.32258 (ASX Code |
| | · |
| | PXSAK) |

Appendix 3B Page 4 1/1/2003

⁺ See chapter 19 for defined terms.

Options expiring 5 November 2017 with

| | an exercise price of \$4.2900 (ASX Code PXSAT) |
|------|---|
| 10 | Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests) No change from policy disclosed in the prospectus dated 26 September 2003 |
| Part | 2 - Bonus issue or pro rata issue |
| 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 |
| | Note: Security holders must be told how their entitlements are to be dealt with. |
| | Cross reference: rule 7.7. |
| 19 | Closing date for receipt of acceptances or renunciations |
| | |

527,000

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

| 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 in full through a broker? | |
| 31 | How do *security holders sell <i>part</i> of their entitlements through a broker and accept for the balance? | |

Appendix 3B Page 6 1/1/2003

⁺ See chapter 19 for defined terms.

| 32 | of the | do *security holders dispose ir entitlements (except by sale gh a broker)? |
|---------|--------------|---|
| 33 | +Desp | eatch date |
| | | Quotation of securities omplete this section if you are applying for quotation of securities |
| 34 | Type (tick o | of securities 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 |
| Entit | ies th | at have ticked box 34(a) |
| Additi | ional s | ecurities forming a new class of securities |
| Tick to | | e you are providing the information or |
| 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 |

⁺ See chapter 19 for defined terms.

| 38 | Number of securities for which ⁺ quotation is sought | |
|----|---|--|
| | | |
| 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 | |
| 41 | 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 and +class of all +securities quoted on ASX (including the securities in clause 38)

| Number | +Class |
|--------|--------|
| | |
| | |
| | |
| | |
| | |

Appendix 3B Page 8 1/1/2003

Entities that have ticked box 34(b)

⁺ See chapter 19 for defined terms.

Quotation agreement

- ⁺Quotation of our additional ⁺securities is in ASX's absolute discretion. ASX may quote the ⁺securities on any conditions it decides.
- 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.
 - 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.
- We warrant that if confirmation is required under section 1017F of the Corporations Act in relation to the *securities to be quoted, it has been provided 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.

⁺ See chapter 19 for defined terms.

- 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.
- 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.

Sign here: Date: 16th November 2007

(Company secretary)

Print name:David McGarvey......

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Appendix 3B Page 10 1/1/2003

⁺ See chapter 19 for defined terms.