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.

 $Introduced \ o1/o7/96 \ \ Origin: Appendix \ 5 \ \ Amended \ o1/o7/98, \ o1/o9/99, \ o1/o7/o0, \ 30/o9/o1, \ 11/o3/o2, \ o1/o1/o3, \ 24/10/o5, \ o1/o8/12, \ o4/o3/13$

Starpharma Holdings Limited			
ABN 20 0	78 532 180		
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	Employee Performance Rights (SPLAK) in respect of Ordinary Shares issued under the rules of the Starpharma Employee Performance Rights Plan.	
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	950,000	

Name of entity

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⁺ See chapter 19 for defined terms.

Principal terms of the 3 +securities (e.g. if options, exercise price and expiry date; if +securities, partly paid due amount outstanding and if dates for payment; +convertible securities, the conversion price and dates for conversion)

Performance Rights issued to Dr Jacinth Fairley under the rules of the Starpharma Holdings Ltd Employee Performance Rights Plan (Rights Plan) on the terms set out in the Explanatory Memorandum accompanying the Notice of Annual General Meeting mailed to shareholders on 17 October 2013. The Rights are subject to satisfaction of certain vesting conditions (there may be early vesting if certain events occur).

The Rights comprise three tranches with various vesting conditions and with the following vesting dates:

Tranche A (500,000) 30 Sep 2014 Tranche B (200,000) 22 Nov 2015 Tranche C (250,000) 22 Nov 2016

Within 10 Business Days after vesting, one ordinary fully paid share will be issued for each vested Right.

The shares issued upon vesting of the Rights will be subject to a holding lock for a period of one year after the vesting date, provided that the shares may be released early in accordance with the Rules of the Rights Plan.

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⁺ See chapter 19 for defined terms.

No – the Employee Rights do not rank equally with Do the +securities rank equally 4 in all respects from the +issue an existing class of quoted securities. date with an existing +class of The shares to be issued as a result of vesting of the auoted +securities? Rights will rank equally with existing ordinary fully paid shares from the vesting date. 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) interest payment the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment Nil Issue price or consideration 5 To continue to optimally align the CEO's 6 Purpose of the issue performance-based rewards with the interests of (If issued as consideration for the acquisition of assets, clearly shareholders. identify those assets) Is the entity an +eligible entity 6a that has obtained security holder approval under rule 7.1A? If Yes, complete sections 6b - 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i

under rule 7.1

The date the security holder

resolution under rule 7.1A was

Number of *securities issued

without security holder approval

6b

6c

passed

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N/A

N/A

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

6d	Number of *securities issued with security holder approval under rule 7.1A	N/A	
6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	N/A	
6f	Number of *securities issued under an exception in rule 7.2	N/A	
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.	N/A	
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	N/A	
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	N/A	
7	⁺ Issue dates	6 December 2013	
,	Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A.	o December 2015	
	Cross reference: item 33 of Appendix 3B.		
		Number	+Class
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	284,574,948	Ordinary Shares

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⁺ See chapter 19 for defined terms.

Number and *class of all *85,000 Options expiring at various dates ex various prices ((sPLAM)) 2,410,000 Last notice This notice 950,000 Performance Rights (SPLAK) 10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests) Part 2 - 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 offer documents Note: Security holders must be told how their entitlements required 77. 19 Closing date for receipt of acceptances or renunciations			NT 1	+61
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	10	Closing date for receipt of		
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⁺ See chapter 19 for defined terms.

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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 offer documents 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?	

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⁺ See chapter 19 for defined terms.

32	of the	do security holders dispose eir entitlements (except by brough a broker)?		
33	⁺ Issue	e date		
Part 3 - Quotation of securities You need only complete 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		
Entities that have ticked box 34(a)				
Additional securities forming a new class of securities				
Tick to docume		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		

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⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(b)			
38	Number of *securities for which *quotation is sought	N/A	
39	⁺ Class of ⁺ securities for which quotation is sought		
40	Do the *securities rank equally in all respects from the *issue date 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)		
42	Number and +class of all +securities quoted on ASX (including the +securities in clause 38)	Number	⁺ Class

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⁺ 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.
- 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.
 - 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.
- 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 is not available now, we 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:

Company Secretary

Date: 6 Dec 2013

Print name:

B. P. Rogers

== == == ==

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⁺ See chapter 19 for defined terms.