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.

 $Introduced o 1/07/96 \ \ Origin: Appendix 5 \ \ Amended o 1/07/98, o 1/09/99, o 1/07/00, 30/09/01, 11/03/02, o 1/01/03, 24/10/05, o 1/08/12, o 4/03/13$

Bionomics Limited		
ABN		
53 07	5 582 740	
We (the entity) give ASX the following	g information.
	1 - All issues ust complete the relevant sections (attac	h sheets if there is not enough space).
1	*Class of *securities issued or to be issued	Issue of Ordinary Shares.
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	10,000
3	Principal terms of the *securities (e.g. 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)	Fully Paid

Name of entity

⁺ See chapter 19 for defined terms.

4	Do the *securities rank equally in all respects from the *issue date 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 	
5	Issue price or consideration	10,000 @ \$0.3576
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercise of options issued under the Bionomics Employee Share Option Plan.
6a	Is the entity an *eligible entity 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	N/A
6b	The date the security holder resolution under rule 7.1A was passed	
6с	Number of *securities issued without security holder approval under rule 7.1	
6d	Number of *securities issued with security holder approval under rule 7.1A	

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⁺ 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)		
6f	Number of *securities issued under an exception in 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.		
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		
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		
_	⁺ Issue dates	. O I	
7	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. Cross reference: item 33 of Appendix 3B.	28 June 2017	
		Number	⁺ Class
8	Number and +class of all +securities quoted on ASX (including the +securities in section 2 if applicable)	481,494,566	Ordinary Fully Paid (BNO)

⁺ See chapter 19 for defined terms.

9	Number and *class of all *securities not quoted on ASX (including the *securities in section 2 if applicable)	11,393,740 25	Unlisted ESOP Options Warrants (Refer Appendix 3B 12 December 2016)
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Not Applicable – Early Company	Stage Biotechnology
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 are to be dealt with. Cross reference: rule 7.7.		

⁺ See chapter 19 for defined terms.

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19	Closing date for receipt of
	acceptances or renunciations
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 in full through a broker?
31	How do security holders sell <i>part</i> of their entitlements through a

⁺ See chapter 19 for defined terms.

32	broker and accept for the balance? How do security holders disposof their entitlements (except sale through a broker)?	
33	⁺ Issue date	
	3 - Quotation of securi	ties re applying for quotation of securities
34 (a)	Type of *securities (tick one) *Securities described in 1	Part 1
(b)	-	the end of the escrowed period, partly paid securities that become fully paid, s when restriction ends, securities issued on expiry or conversion of convertible
Addit	es that have ticked box 34(a tional securities forming a reproviding the information in t	new class of securities
35		uity securities, the names of the 20 largest holders of the nd the number and percentage of additional ⁺ securities
36		uity securities, a distribution schedule of the additional e number of holders in the categories
37	A copy of any trust deed	for the additional *securities
Entiti	es that have ticked box 34(b)
38	Number of *securities for wh *quotation is sought	ich

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⁺ See chapter 19 for defined terms.

20	⁺ Class of ⁺ securities for which		
39			
	quotation is sought		
40	Do the +securities rank equally in		
·	all respects from the +issue date		
	with an existing +class of quoted		
	*securities?		
	securities:		
	TC .1 11: 1 + 1		
	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		
	of restriction period		
	(:C :1		
	(if issued upon conversion of		
	another *security, clearly identify		
	that other ⁺ security)		
		Number	+Class
43	Number and +class of all	1.0111001	Ciuo
42			
	+securities quoted on ASX		
	(including the +securities in		
	clause 38)		

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.

⁺ See chapter 19 for defined terms.

• 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:

Date: 28 June 2017

Print name: Jack Moschakis

(Company Secretary)

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⁺ 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

Introduced 01/08/12 Amended 04/03/13

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 the +issue date or date of agreement to issue		
 Add the following: 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 Note: Include only ordinary securities here – other classes of equity securities cannot 		
 be added Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items Subtract the number of fully paid +ordinary 		
securities cancelled during that 12 month period		
"A"		

⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"	
"B"	0.15
	[Note: this value cannot be changed]
Multiply "A" by 0.15	
Step 3: Calculate "C", the amount of 7.1 that has already been used	of placement capacity under rule
Insert number of ⁺ equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:	
 Under an exception in rule 7.2 	
• Under rule 7.1A	
 With security holder approval under rule 7.1 or rule 7.4 	
 Note: This applies to equity securities, unless specifically excluded – not just ordinary securities Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 	
"C"	
Step 4: Subtract "C" from ["A" x "E placement capacity under rule 7.1 "A" x 0.15	3"] to calculate remaining
Note: number must be same as shown in Step 2	
Subtract "C"	
Note: number must be same as shown in Step 3	
Total ["A" x 0.15] – "C"	
	[Note: this is the remaining placement capacity under rule 7.1]

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⁺ 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"		
Note: number must be same as shown in Step 1 of Part 1		
Step 2: Calculate 10% of "A"		
"D"	0.10	
	Note: this value cannot be changed	
Multiply "A" by 0.10		
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: This applies to equity securities – not just ordinary securities Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed 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 It may be useful to set out issues of securities on different dates as separate line items 		

⁺ See chapter 19 for defined terms.

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

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⁺ See chapter 19 for defined terms.