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, 04/03/13

Name of entity

BENITEC BIOPHARMA LIMITED		
ABN		
64 068 943 662		

We (the entity) give ASX the following information.

The purpose of this Appendix 3B is to advise that, a placement has been made, in accordance with an earlier announcement, to Nant Capital, LLC, an investment entity associated with NantVentures, of 29,305,819 fully paid ordinary shares in Benitec. The shares were priced at a 7 trading day VWAP up to the trading day prior to the execution of a Share Subscription Agreement at \$[xx] per share.(XX.XX cents per share)

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

Ordinary shares

Number of *securities issued or to be issued (if known) or maximum number which may be issued 29,305,819 ordinary shares

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)

A placement has been made, in accordance with an earlier announcement, to Nant Capital, LLC, an investment entity associated with NantVentures, of 29,305,819 fully paid ordinary shares in Benitec. The shares were priced at a 7 trading day VWAP up to the trading day prior to the execution of a Share Subscription Agreement at \$0.0895 per share.(8.95 cents per share)

⁺ See chapter 19 for defined terms.

Do the *securities rank equally in Yes, the shares rank equally with existing ordinary all respects from the +issue date shares 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 5 Issue price or consideration The shares were priced at a 7 trading day VWAP up to the trading day prior to the execution of a Share Subscription Agreement at \$0.0895 per share.(8.95 cents per share) Purpose of the issue It is intended that the capital raised will be used for 6 (If issued as consideration for the the purpose of the proposed scientific collaboration acquisition of assets, clearly identify between Benitec and NantWorks in clinical those assets) programs and for Benitec's existing programs Is the entity an *eligible entity that 6a Yes 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 The date the security holder 6b 12 November 2015 resolution under rule 7.1A was passed Number of *securities issued 19,779,364 6c without security holder approval under rule 7.1 Number of *securities issued with 6d 9,526,455 security holder approval under rule 7.1A Number of *securities issued with Not applicable 6e 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	Not applicable
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.	yes
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	See annexure
7	⁺ Issue dates	24 October 2016
	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	

⁺ See chapter 19 for defined terms.

8	Number and	+clas	s of all +se	cur	ities
	quoted on	ASX	(includi	ing	the
	+securities	in	section	2	if
	applicable)				

9	Number and	1 +cl	ass of	all +	secur	ities
	not quoted	on	ASX	(incl	uding	the
	+securities	in	sec	ction	2	if
	applicable)					

Number	+Class
175,834,915	Ordinary Shares
N. 1	+01
Number	+Class
600,000	Options to acquire fully paid shares at \$1.25
000,000	on or before 17 November 2016
156,000	Options to acquire fully paid shares at \$1.25
	on or before 7 February 2017
400,000	Options to acquire fully paid shares at \$1.25
	on or before 16 November 2017
400,000	Options to acquire fully paid shares at \$0.625
	on or before 18 May 2018
480,000	Options to acquire fully paid shares at \$1.25
42.246.202	on or before 22 August 2018
13,246,203	Options to acquire fully paid shares at \$1.26 on or before 28 February 2019
180,000	Options to acquire fully paid shares at \$1.50
100,000	on or before 15 May 2019
2,634,000	Options to acquire fully paid shares at \$1.25
, ,	on or before 17 December 2019
650,000	Options to acquire fully paid shares at \$1.25
	on or before 6 May 2020
11,500,000	Options to acquire fully paid shares at
	US\$5.50 for every 20 options with expiry date
	21 August 2020 (converted to 575,000
2 020 000	NASDAQ warrants: BNTCW)
3,920,000	Options to acquire fully paid shares at \$0.77 on or before 12 November 2020
2,200,000	Options to acquire fully paid shares at
2,200,000	\$0.1665 (16.65 cents) on or before 10 August
	2021

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

Not applicable

Part 2 - Pro rata issue

11	Is security holder approval required?	N/A
10		[
12	Is the issue renounceable or non-renounceable?	N/A
13	Ratio in which the *securities will be offered	N/A
14	*Class of *securities to which the offer relates	N/A

15	*Record date to determine entitlements	N/A
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	N/A
17	Policy for deciding entitlements in relation to fractions	N/A
18	Names of countries in which the entity has security holders who will not be sent new offer documents	N/A
	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	N/A

⁺ See chapter 19 for defined terms.

20	Names of any underwriters	N/A
21	Amount of any underwriting fee or commission	N/A
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	N/A
25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	N/A
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	N/A
28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
2.0	TT 1	[
30	How do security holders sell their entitlements <i>in full</i> through a broker?	N/A
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	N/A

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⁺ See chapter 19 for defined terms.

32	their	do security holders dispose of entitlements (except by sale gh a broker)?	N/A
33	⁺ Issue	date	N/A
		uotation of securitie	
34	Type ((tick or	of ⁺ securities ne)	
(a)	X	⁺ Securities described in Part 1	
(b)			of the escrowed period, partly paid securities that become fully paid, employee hds, securities issued on expiry or conversion of convertible securities
Entiti	es tha	t have ticked box 34(a)	
Addit	ional se	ecurities forming a new class	of securities
Tick to	indicate yo	ou are providing the information or docu	uments
35	X		securities, the names of the 20 largest holders of the number and percentage of additional *securities held by
			ade, in accordance with an earlier announcement, to ent entity associated with NantVentures.
36		If the *securities are *equity *securities setting out the num 1 - 1,000 1,001 - 5,000 5,001 - 10,000 10,001 - 100,000 100,001 and over	y securities, a distribution schedule of the additional ber of holders in the categories
37		A copy of any trust deed for the	e additional ⁺ securities

⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(b) 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 +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 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

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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.
- 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.

Date: 24 October 2016

Sign here:

Company Secretary

Print name: Greg West

⁺ 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 capacity is calculated	ure from which the placement	
Insert number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue	146,529,096	
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"	146,529,096	

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⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"		
"B"	0.15	
	[Note: this value cannot be changed]	
<i>Multiply</i> "A" by 0.15	21,979,364	
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 	19,779,364 2,200,000	
"C"	21,979,364	
Step 4: Subtract "C" from ["A" x "B"] to calculate remaining placement capacity under rule 7.1		
"A" x 0.15		
Note: number must be same as shown in Step 2	21,979,364	
Subtract "C"		
Note: number must be same as shown in Step 3	21,979,364	
<i>Total</i> ["A" x 0.15] – "C"	nil [Note: this is the remaining placement capacity under rule 7.1]	

⁺ 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"	146,529,096
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	14,652,909
Step 3: Calculate "E", the amount of placement capacity under rule 7.1A that has already been used	
<i>Insert</i> 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 	9,526,455
"E"	9,526,455

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⁺ 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	14,652,909
Note: number must be same as shown in Step 2	
Subtract "E"	9,526,455
Note: number must be same as shown in Step 3	
<i>Total</i> ["A" x 0.10] – "E"	5,126,454
	Note: this is the remaining placement capacity under rule 7.1A

⁺ See chapter 19 for defined terms.