

22 August 2003

Securities and Exchange Commission
Judiciary Plaza,
450 Fifth Street,
Washington DC 20549

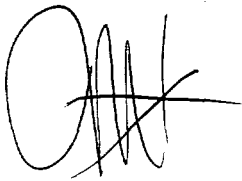


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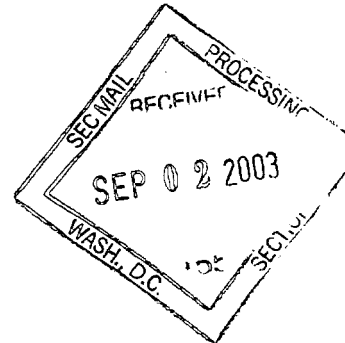
Re: Bionomics Limited - File number 82-34682

Please see attached provided pursuant to Section 12g3-2(b) file number 82-34682.

Yours sincerely



Per: Jill Mashado
Company Secretary



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THOMSON
FINANCIAL

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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>YES</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 TO BNY CAPITAL MARKETS, INC AND GRAY WOLF PARTNERS, LLC IN RECOGNITION OF SERVICES RENDERED RE THE EQUITY LINE FINANCE ARRANGEMENT.</p>				
<p>7 Dates of entering +securities into uncertificated holdings or despatch of certificates</p>	<p>22 AUGUST 2003</p>				
<p>8 Number and +class of all +securities quoted on ASX (including the securities in clause 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="722 1312 982 1354">Number</th> <th data-bbox="982 1312 1242 1354">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="722 1354 982 1491">43,563,376</td> <td data-bbox="982 1354 1242 1491">ORDINARY SHARES</td> </tr> </tbody> </table>	Number	+Class	43,563,376	ORDINARY SHARES
Number	+Class				
43,563,376	ORDINARY SHARES				

+ See chapter 19 for defined terms.

	Number	+Class
9 Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)	8,893,933	OPTIONS
10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	NOT APPLICABLE - EARLY STAGE BIOTECHNOLOGY COMPANY	

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

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

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- 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

(If the additional securities do not form a new class, go to 43)

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

(now go to 43)

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Appendix 3B
New issue announcement

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 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)	<input type="text"/>	<input type="text"/>

(now go to 43)

+ See chapter 19 for defined terms.

All entities

Fees

43 Payment method (tick one)

Cheque attached

Electronic payment made

Note: Payment may be made electronically if Appendix 3B is given to ASX electronically at the same time.

Periodic payment as agreed with the home branch has been arranged

Note: Arrangements can be made for employee incentive schemes that involve frequent issues of securities.

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.
- 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.

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- 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.

Sign here: Date: 22 August 2003
Director

Print name: DEBORAH RATHJEN
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