

DRAFT - ASX ANNOUNCEMENT
30 January 2009

BNOOB OPTIONS EXERCISE

30 January 2009; Adelaide, Australia: Bionomics Limited (ASX:BNO), today announced that following the appointment of Phillip Capital Pty Ltd to manage the underwriting of the exercise of its BNOOB listed options the final Underwritten Amount is \$4,004,000.

The issue of 18,200,000 shares to raise \$4,004,000 was supported by key institutional shareholders of Bionomics and included an investment by a specialist life science investment fund.

The funds raised will support the initial Phase II clinical trial of BNC105, following the completion of its current Phase I trial and assist the Company in securing an additional major partnership.

Bionomics' Chairman Dr Peter Jonson in commenting on the capital raise said "In difficult market circumstances we are pleased by the support shown by our loyal shareholders. It is particularly pleasing to see strong institutional support for the issue. We are excited by the prospects for our anti-cancer agent BNC105 and this funding will support its continued development".

FOR FURTHER INFORMATION PLEASE CONTACT:

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About Bionomics Limited

Bionomics (ASX: BNO) discovers and develops innovative therapeutics for cancer and diseases of the central nervous system. Bionomics has small molecule product development programs in the areas of cancer, anxiety, epilepsy and multiple sclerosis. Bionomics' most advanced program, BNC105 for the treatment of cancer, is based upon the identification of a novel compound that potently and selectively restricts blood flow within tumours. Bionomics' discovery and development activities are driven by its three technology platforms: Angene®, the company's angiogenesis target and drug discovery platform, incorporates a variety of genomics tools to identify and validate novel angiogenesis targets. MultiCore® is Bionomics' proprietary, diversity orientated chemistry platform for the discovery of small molecule drugs. ionX® is a set of novel technologies for the identification of drugs targeting ion channels for diseases of the central nervous system.

For more information about Bionomics, visit www.bionomics.com.au

Factors Affecting Future Performance

This announcement contains "forward-looking" statements within the meaning of the United States' Private Securities Litigation Reform Act of 1995. Any statements contained in this press release that relate to prospective events or developments are deemed to be forward-looking statements. Words such as "believes," "anticipates," "plans," "expects," "projects," "forecasts," "will" and similar expressions are intended to identify forward-looking statements. There are a number of important factors that could cause actual results or events to differ materially from those indicated by these forward-looking statements, including risks related to the clinical evaluation of BNC105, BNC210, our available funds or existing funding arrangements, a downturn in our customers' markets, our failure to introduce new products or technologies in a timely manner, regulatory changes, risks related to our international operations, our inability to integrate acquired businesses and technologies into our existing business and to our competitive advantages, as well as other factors. Subject to the requirements of any applicable legislation or the listing rules of any stock exchange on which our securities are quoted, we disclaim any intention or obligation to update any forward-looking statements as a result of developments occurring after the date of this press release.