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ASX ANNOUNCEMENT 24 July 2017

Bionomics Added to OTCQX Composite and International Indices

Bionomics Limited (ASX: BNO, OTCQX: BNOEF), a biopharmaceutical company focused on the discovery and development of innovative therapeutics for the treatment of diseases of the central nervous system (CNS) and cancer, has recently been added to the OTCQX Composite and International indices.

The OTCQX is the top tier of three markets for over-the-counter (OTC) securities operated by the OTC Markets Group. For companies to qualify to be traded on OTCQX, they must meet high financial standards, follow best practice corporate governance and demonstrate compliance with US security laws.

The OTCQX Composite Index is designed as a benchmark for tracking the overall performance of the OTCQX market and serves primarily as a performance benchmark for investors in OTCQX securities. The Index is market capitalisation-weighted and adjusted on a quarterly basis using an index formula based upon the aggregate of last sale price times outstanding share quantity.

Trading on the OTCQX market and inclusion in the indices may increase overseas trade and shareholdings in BNO shares.

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About Bionomics Limited

Bionomics (ASX: BNO) is a global, clinical stage biopharmaceutical company leveraging its proprietary platform technologies to discover and develop a deep pipeline of best in class, novel drug candidates focused on the treatment of serious central nervous system disorders and on the treatment of cancer. Bionomics' lead drug candidate BNC210, currently in Phase 2 for the treatment of generalized anxiety disorder and for post-traumatic stress disorder, is a novel,

proprietary negative allosteric modulator of the alpha-7 (α 7) nicotinic acetylcholine receptor. The company is also developing BNC101, its lead humanized monoclonal antibody targeting a key receptor on cancer stem cells that is overexpressed in metastatic colorectal cancer, metastatic pancreatic cancer and many other solid tumours; BNC101 entered clinical trials in the first quarter of 2016. Bionomics has a strategic partnership with Merck & Co., Inc (known as MSD outside the United States and Canada).

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 announcement that relate to prospective events or developments, including, without limitation, statements made regarding Bionomics' drug candidates (including BNC210, BNC105 and BNC101), its licensing agreements with Merck & Co. and any milestone or royalty payments thereunder, drug discovery programs, ongoing and future clinical trials, and timing of the receipt of clinical data for our drug candidates 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 unexpected safety or efficacy data, unexpected side effects observed in clinical trials, risks related to our available funds or existing funding arrangements, our failure to introduce new drug candidates or platform technologies or obtain regulatory approvals in a timely manner or at all, regulatory changes, inability to protect our intellectual property, risks related to our international operations, our inability to integrate acquired businesses and technologies into our existing business and to our competitive advantage, as well as other factors. Results of studies performed on our drug candidates and competitors' drugs and drug candidates may vary from those reported when tested in different settings.