

Level 2, 66 Hunter Street Sydney NSW 2000 Tel: (61-2) 9300 3344 Fax: (61-2) 9221 6333 E-mail: pnightingale@biotron.com.au Website: www.biotron.com.au

6 February 2020 The Manager Companies ASX Limited 20 Bridge Street SYDNEY NSW 2000 Dear Madam,

## (2 pages by email)

## **BIOTRON TO TEST ITS COMPOUNDS AGAINST CORONAVIRUS**

The Directors of Biotron Limited ('Biotron' or 'the Company') are pleased to advise that it is in the process of evaluating several promising compounds for activity against coronavirus, including the new novel strain known as 2019-nCoV.

Within its proprietary small molecule compound library Biotron has over 30 compounds with good activity against a range of coronaviruses, including human coronaviruses that cause mild, cold-like symptoms as well as the SARS coronavirus that was responsible for the outbreak of that virus in 2003. These compounds can reduce the levels of coronavirus by 90 - 100% in infected cell cultures. Importantly, several compounds have broad-spectrum activity against multiple strains of coronaviruses.

In response to the recent coronavirus outbreak in China Biotron is now focused on testing a select set of these compounds against the new 2019-nCoV. This work will be done under contract in specialist laboratories that have access to this new virus, which has only been isolated and made available for such studies in recent days. Biotron's priority will be testing its compounds that have shown broad-spectrum activity against different coronaviruses.

Biotron's core expertise lies in the design and development of drugs that target virus-encoded proteins known as viroporins. The company's scientists were the first to identify and publish data showing that the E protein of the coronavirus is viroporin and a good target for antiviral drugs. While Biotron's focus has been on its lead clinical HIV-1 eradication and its promising preclinical Hepatitis B virus (HBV) programs, the company has continued to progress earlier stage research on development of drugs to target respiratory infections including coronaviruses.

Yours faithfully

Peter J. Nightingale Company Secretary

## **About Biotron**

Biotron Limited is engaged in the research, development, and commercialisation of drugs targeting significant viral diseases with unmet medical need. The Company has BIT225 in clinical development for HIV-1 and a promising preclinical program for HBV. In addition, Biotron has several earlier stage programs designing drugs that target a class of virus protein known as viroporins which have a key role in the virus life cycle of a very broad range of viruses, many of which have caused worldwide health issues such as Coronavirus, Dengue, Ebola, Middle East Respiratory virus, Influenza and Zika viruses.

## Enquiries

Dr Michelle Miller Managing Director **Biotron** Limited +61-(0)412313329

pjn10255 

Rudi Michelson Monsoon Communications +61-3 9620 3333