

## BIO-GENE TO PRESENT AT BIOSHARES 16<sup>th</sup> BIOTECH SUMMIT

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- **Bioshares is a leading independent Biotech, Pharma & Healthcare stock report**
- **Bio-Gene CEO presenting on Company's advancements and future outlook**

Bio-Gene Technology Limited (ASX: BGT, 'Bio-Gene' or 'the 'Company'), an agtech development company enabling the next generation of novel insecticides, is pleased to announce that Richard Jagger, Chief Executive Officer will present at the 20<sup>th</sup> Bioshares Biotech Summit later today.

Richard's presentation will be based on the April 2022 Investor Presentation which can be found [here](#).

The Conference is an important forum that will showcase some of the innovative and strategic technology developments and company activities across a range of topics, including agtech. The conference will include CEO presentations from several prominent Australian companies in the biotech, pharma and agtech industries.

Mr Jagger said: "Agtech is an important sector for food security and public health globally. With population growth expected to exceed 10 billion people by the middle of the century, and climate change impacting our ability to grow crops efficiently, we need to adopt a vast array of technologies to ensure we can grow more food on less land. Whilst there are many exciting technologies being developed and deployed in the field of agriculture, the fundamentals of crop protection and vector control – controlling the pests that attack our crops and transmit disease – relies heavily on chemistry. The current chemistry available today is failing due to the development of resistance by populations of target pests.

"Bio-gene is well placed to deliver substantial value to agriculture and public health by developing new products containing our molecules. These molecules are unique due to their novel Mode of Action, which gives the potential to control populations of pests that have already developed resistance to other types of chemistry commonly used today.

New Modes of Action are quite rare. The last new class to come to market was in 2008, and it has already taken up a substantial proportion of the global market. For insecticides."

Currently 20 to 40% of food produced globally is lost to pests, with a value estimated at around US\$2000 billion p.a.<sup>1,2</sup>

The World Health Organisation (WHO) reports that currently more than half of the world's population is at risk from vector borne diseases, while globally there are more than 200 million cases of malaria and over 400,000 people die from the disease every year, most of them children under the age of five. Zika virus has been declared a global health emergency, and death due to Dengue Fever has increased 30-fold in the last 50 years<sup>3</sup>.

In 2017 the WHO reported that collectively mosquito-borne diseases such as Malaria, Dengue, Zika claim over 700,000 deaths every year. In addition, these diseases are known to exacerbate poverty and prevent economic development<sup>4</sup>. Unfortunately, the effectiveness of currently used insecticides is diminishing due to resistance.

Approved for release by the Chairman of the Board of Directors.

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**About Bio-Gene Technology Ltd**

Bio-Gene is an Australian agtech company enabling the next generation of novel insecticides. Bio-Gene's novel platform technology is based on a naturally occurring class of chemicals known as beta-triketones.

Beta-triketone compounds have demonstrated insecticidal activity (e.g. kill or knock down insects) via a novel mode of action in testing performed to date. This platform may provide multiple potential new solutions for insecticide manufacturers in applications across crop protection and storage, public health, animal health and consumer applications. The Company's aim is to develop and commercialise a broad portfolio of targeted insect control and management solutions.

**Flavocide™ and Qcide™** are trademarks of Bio-Gene Technology Limited.

1. Oerke EC, Crop Losses to pest J. Agri Sci 144: 31-43 (2005)
2. Pimentel D Pesticides and Pest controls. In: Peshin R, Dhawan AK. (eds). Integrated pest management: innovation-development process, 1:83-87. Springer Science (2009)
3. Global Mosquito Control Market, Research Report 2020, Forecast to 2026
4. <sup>2</sup><https://mosquitoreviews.com/learn/disease-death-statistics>