

## **CITATION**

### **Award of a Doctor of Science *honoris causa***

#### **Dr Russell Howard**

Chancellor,

Dr Russell Howard is the Chief Executive Officer and one of the founders of Maxygen, a public biotechnology company engineering the best malaria vaccine properties from an antigen Dr Howard's team discovered years ago.

He has been a dedicated member of the Institute for Molecular Bioscience Board since the IMB's establishment in 2000, and has regularly travelled to Australia from his home in California to attend its board meetings.

Originally trained in biochemistry and chemistry at the University of Melbourne, Dr Howard began his research career at the Walter and Eliza Hall Institute in Melbourne.

He then spent more than 20 years studying how malaria-infected red cells cause pathology and cerebral malaria in children, at four institutions, three based in the USA. He says his most productive malaria research phase was the nine years he spent at the National Institutes of Health in Maryland.

Dr Howard says he knew from the age of 13 that he wanted to dedicate his life to understanding the inner biochemical workings of cells and was the first person in his family to attend university.

In addition to numerous patents, Dr Howard has had more than 140 articles published in peer-reviewed journals.

Chancellor, in recognition of his contribution to The University of Queensland and to biotechnology, I present to you Dr Russell Howard, Bachelor of Science with honours and PhD, both in biochemistry, from the University of Melbourne, for the award of a Doctor of Science *honoris causa* bestowed by the Senate of The University of Queensland.