

SINGAPORE YOUTH AWARDS 2005
SCIENCE AND TECHNOLOGY (INDIVIDUAL)

DR NG HUCK HUI

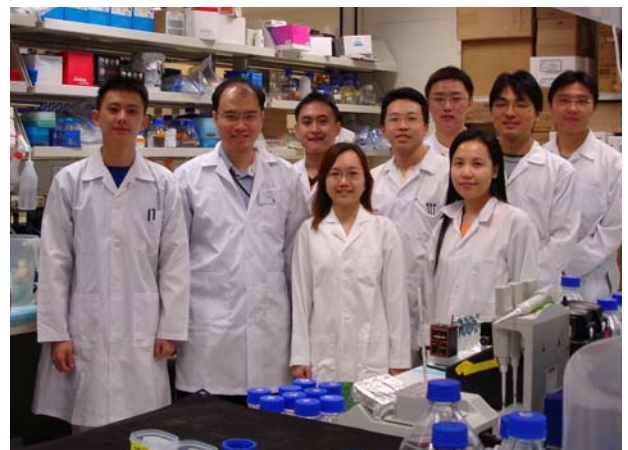


“A curious mind is a remarkable possession of a person. An active and open one will allow you to fulfil your fullest potential. Our duty as mentor is to guide the young minds along the right path, and enthuse them so that they can continue on their own journeys of knowledge creation and excel beyond the mentor’s capacity. ”

Dr Ng Huck Hui is widely regarded as one of the leading scientists in the region. His recent accolades include the Singapore Young Scientist Award (2004) and the Biomedical Research Council Young Investigator Award (2003).

He started his scientific career as a novice undergraduate researcher in Singapore. After obtaining a First Class Honours degree and the Lijen Industrial Development Medal for his Honours project, Dr Ng went to the University of Edinburgh, on a Darwin Trust of Edinburgh Scholarship, for his PhD study. His research led to the discovery of a link between DNA methylation and histone modifications, which was published in international scientific journals such as *Nature*. He was also invited to present his findings at the Gordon Chromatin Structure and Function Conference.

During his postdoctoral training at the Harvard Medical School, funded by the Damon-Runyon Cancer Research Foundation, Dr Ng made several important discoveries, which were published in prestigious international journals. Dr Ng is now leading a world-class group addressing important questions in gene regulation. Through collaborative efforts, his group



utilizes cutting-edge technologies to dissect the regulatory networks in stem cells and cancer cells. His recent work on the global mapping of

transcription factor binding sites for tumour suppressor protein, p53, was presented at the 5th HUGO Pacific meeting and 6th Asia Pacific Conference on Human Genetics 2004 (Singapore). Dr Ng's works are also recognised internationally. His publications have registered over 3,000 citations. He has presented his works at several international conferences and served as reviewer for different grant funding bodies.



As a dedicated educator and an inspiration to youth, Dr Ng employs innovative approaches in training students and overseeing their scientific education. He also speaks at seminars promoting biomedical research to young people. His goal is to instil inquisitive spirits in these budding scientists and propel their scientific endeavours.

For his scientific excellence and his dedication, Dr Ng Huck Hui is conferred the Singapore Youth Award 2005.