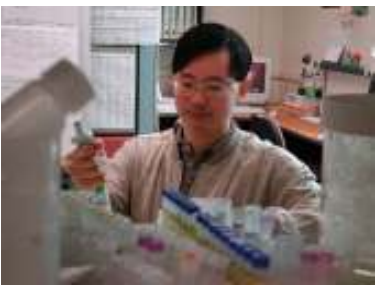


**SCIENCE & TECHNOLOGY (INDIVIDUAL)  
DR PATRICK TAN BOON OOI**



*“There’s a lot of beautiful scenery on the road less traveled.”*

A senior scientist at the Defence Medical Research Institute (DMRI) and the National Cancer Centre, Dr Patrick Tan leads the OmniArray Research Group that focuses on how genetic differences at both the cellular and organismal level can influence the development of various diseases and other complex phenotypes.



**To Know More, To Do More, To Help More**

- Dr Tan was honoured with the coveted Young Scientist Award in 2001.

- Dr Patrick Tan was also the recipient of the Academic Awards for Best New Research Programme and Best Intellectual Property Filing by the National Cancer Centre, 2001
- Dr Patrick Tan's group has established a microarray facility, the OmniArray lab, which functions as a major centre for microarray technology in the region.



### **The Man, His Team, Their Work**

- Pioneering efforts in the use of cDNA microarray technology for research on cancer genetics in Singapore.
- Notable achievements in bioinformatics, developing an automated workflow and data-integration system for microarray fabrication and microarray data management,
- Advanced the knowledge of infectious diseases and systems biology



In addition, he is also a founding member of two local Biotech start-up companies, Agenica Research and Systeme Therapeutics. Dr Patrick Tan goes beyond his work in inspiring and encouraging youths to take an interest in science and research, leading various outreach programmes on the life sciences at schools and public libraries.