

SINGAPORE YOUTH AWARDS 2007 **SCIENCE AND TECHNOLOGY**

DR YU HAO



“Our determination and action to achieve higher levels of scientific excellence and to nurture the competent young talents are important for continuously positioning Singapore at the forefront of a fast changing world.”

Dr Yu Hao's expertise in functional genomics and innovation in the genetic transformation system to speed up the production of hybrid orchids has earned him national and regional recognition in the plant field. In 2006 he was awarded the Young Scientist Award by the Singapore National Academy of Science

Even while a research student, Dr Yu stood out from his peers. He received the Gold Medal of International Society of Plant Molecular Biology for an outstanding PhD thesis. Dr Yu specialises in biotechnology research and among his areas of interest are the development of edible Hepatitis B vaccine from vegetables and the production of novel oil crops.

Dr Yu has co-authored two book chapters, 21 international refereed journals and five internationally refereed conference papers. His publications in premier journals have been widely cited and highlighted in international media and academic journals. In recognition of his scientific contributions, Dr Yu was invited to review and edit for more than eight international refereed journals and publications, and invited to speak at international conferences.



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As a passionate educator, Dr Yu teaches biological sciences to students at the National University of Singapore. To date, Dr Yu has supervised 19



research students and three undergraduate students, out of which 10 have graduated. Dr Yu's dedication to teaching is also evident through his mentorship of students from Innova Junior College, Singapore Polytechnic and Raffles Girls' Secondary School on scientific projects.

For his scientific excellence and dedication to youths, Dr Yu Hao is conferred the Singapore Youth Award 2007.