



Jenny HO

Home Country
Malaysia

Degree
Post-Doctorate in
Bioengineering

Expertise
Chemical Engineering
and Bioengineering

Research Focus
Genetic Therapeutics

Host University
Monash University,
Australia

Fellowship Awarded
2008

Jenny Ho is the eldest child in a family of five. She was born and raised in Malaysia, where she obtained her bachelor's degree in chemical engineering with first-class honors from the University of Technology Malaysia.

Since a young age she has pursued academic excellence with diligence, and this passion is reflected in the academic laurels she has earned. She received several scholarships during her bachelor and PhD studies, best poster and travel awards and was named best graduating student in chemical engineering.

Her ultimate aim is to combine engineering and medical knowledge to improve human health care and quality of life. Throughout her PhD studies she has been recognized as innovative, productive and solution-oriented through the publication of papers in internationally recognized peer-reviewed journals and her presentations at several national and international conferences.

Jenny's research focus is in the area of genetic therapeutics and targeting delivery especially for DNA vaccines and protein biopharmaceuticals. The central aim of her research is to develop feasible and scalable production methods to reliably produce therapeutic products that facilitate the cellular uptake of biopharmaceuticals such as plasmid DNA and antibodies for infectious diseases and cancer therapies.

Jenny intends to pursue her dream of developing frontier science and technology products to improve the well being of humankind. With the experience and expertise she has obtained, she hopes to help advance biotechnology research in her home country and in the world.

When she completes her current studies Jenny plans to work as a post-doctoral fellow to gain related research experience, then to teach at Monash University campus in Malaysia.