

Isabel Yee Pinn Tsin

Position: Research Fellow
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Education:

Msc. of Science in Life Sciences, Sunway University, Malaysia and Lancaster University, UK.
Bsc. Science (Biochemistry), National University of Singapore, Singapore.

Teaching:

Supervised and taught Final year student for Research Project, PRJ 3200.
Teaching Assistant for Molecular Diagnostics module.

Brief Employment History:

June 2004 – Sep 2007: Lecturer and Module Coordinator for Singapore Polytechnic.
Sep 2007 – June 2012: Chemistry Lecturer, Taylor's College.
June 2012 – Chemistry Lecturer, Monash University Foundation Year, Sunway College.

Research Interests:

Antioxidants and nutrition, biotechnology, genetic engineering, virology, immunology and physiology.

Selected Publications:

Articles

1. Yee PTI, Tan KO, Othman I, Poh CL. 2016. Identification of molecular determinants of cell culture growth characteristics of Enterovirus 71. *Virology Journal* 13(194): 1-12.
2. Yee PTI and Poh CL. (2015). The Final Stage of Developing Genetically Modified Inactivated Sabin Vaccine for the Eradication of Poliovirus. *Austin J Microbiol.* 1(2): 1009-1013.
3. Yee, PTI and Poh CL. (2016). Development of Novel Vaccines against Enterovirus-71. *Viruses* 8:1-13.

4. Pinn Tsin Isabel Yee, Chit Laa P. 2016. Development of Novel miRNA-based Vaccines and Antivirals against Enterovirus 71. *Current Pharmaceutical Design* 22(44):6694-6700.

Papers (conference papers)

Type 2 papers

1. Isabel Yee PT, Kuan Onn Tan, Chit Laa Poh. (2015). Rational design of live attenuated vaccine by site-directed mutagenesis and deletion in the 5'- non coding region of the Enterovirus 71 (EV-A71) genome. European Academy of Allergy and Clinical Immunology Congress.
5. Chit Laa Poh, Isabel Yee PT, Kuan Onn Tan. (2015). Enterovirus 71: Candidates for vaccines and antivirals. World Congress and Expo on Microbiology, Frankfurt, Germany. 18-20th August, 2015. Abstract also appears in *Journal of Microbial & Biochemical Technology*. 7(4). ISSN: 1948-5948.
6. Yee, PTI and Poh CL (2016). Identification of molecular determinants in Enterovirus 71 genome. 8th World Congress on Virology. San Antonio, Texas USA, 28–30 Nov, 2016. Abstract also appears in special issue in *Journal of Antivirals and Antiretrovirals*. 8(5) ISSN: 1948-5964.

Book Chapter

1. Isabel Yee PT, Chit Laa Poh (2015). Attenuation of Virulence as antimicrobial strategy. In A. Méndez-Vilas (Ed.), *The Battle against Microbial Pathogens: Basic Science, Technological Advances and Educational Programs* (pp 886-894). Spain: Formatex Research Center.