



Pasteur Institute  
Ho Chi Minh City  
Training Center



香港大學 - 巴斯德研究中心  
HKU-Pasteur Research Pole

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# INTERNATIONAL WORKSHOP

## HEALTH ECONOMICS

**PASTEUR INSTITUTE OF HO CHI MINH CITY**

*DECEMBER 4-8, 2017, HO CHI MINH CITY, VIETNAM*

## PROGRAM

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SANOPI PASTEUR



international network  
Institut Pasteur

## Foreword

Facing current and future global health challenges requires a comprehensive understanding of health issues. In this context, we have started the organization of week-long international workshops at the Pasteur Institute of Ho Chi Minh City after the inauguration of a fully equipped Teaching and Training Center. These courses place a strong emphasis on applied epidemiology and, since 2011, have attracted an increasing number of applications from the region.

The 2017 edition of our Public Health International Workshop, organized in close collaboration by the Pasteur Institute of Ho Chi Minh City and HKU-Pasteur Research Pole, members of the Institut Pasteur International Network, will focus on **“Health Economics”**, the branch of Public Health that is concerned with the resources needed to provide and promote health. Resources should be intended as not limited to money but also including people, materials, education, communication, time, that might be used in different ways to achieve the principal goal of improving health. The discipline of Health Economics attempts to illuminate with evidence-based research the choices that are made to allocate finite resource to indefinite needs. Health economics informs the criteria to prioritize policies and assess their outcomes.

The demands of policy makers for information on the cost-effectiveness of health interventions have become more extensive and complex. Economic assessment is also increasingly used to support decisions in public health such as vaccination programs. Health professionals involved in the mitigation of infectious diseases need, therefore, a common knowledge of health economics to communicate about their action, and advise health authorities and decision makers to implement cost-efficient response programs with relevant allocation of the available resources.

The workshop will provide basic theory of health economics including socio-economic concepts, methods to define, measure and analyse costs of health policies, as well as comparative analysis of health systems. Participants will be trained to the planning of public health responses, based on the interactive teaching carried out by expert faculty. Training sessions will cover cost effectiveness analysis of vaccination programs and other interventions, design of surveys, resource allocation strategy. The workshop will also address how the implementation of these different types of measures is translated into the everyday life of target populations. An important objective is also to build the foundation of a series of events that will ultimately empower participants to conduct similar training in their own institutions.

We would like to express our deepest gratitude to the Regional Health Cooperation Office of the French Ministry of Foreign Affairs for their unflagging support of the program since its inception in 2012; their generous contribution has been instrumental to build the reputation of these courses in ASEAN countries and beyond. We also thank Sanofi Pasteur for being our sponsor for a second year, and the Pasteur Foundation Asia for its generous contribution.

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# Program

## 4 December 2017

**Welcome and Introduction of the Course  
Official Ceremony and Group Photo**

**Trainees' self-presentation**

**Lunch**

**Introduction to health economics: opportunity costs, economic evaluations,  
role of health economics in HTA**

[Mark Jit](#) (London School of Hygiene & Tropical Medicine, UK)

**Break**

**Defining, measuring, valuing and analyzing cost**

[Hoang Van Minh](#) (Hanoi School of Public Health)

**Welcome cocktail**

## 5 December 2017

8:30 – 10:30 **Economic evaluation in Healthcare – Socio-economic inequality of  
health between countries**

[Philip Clarke](#) (The University of Melbourne, Australia)

10:30 – 11:00 **Break**

11:00 – 12:30 **The nation, the region, and the globe: reflections on the unit of  
analysis in public health research and policy**

[Marco Liverani](#) (London School of Hygiene & Tropical Medicine, Thailand)

12:30 – 13:30 **Lunch**

13:30 – 15:30 **Introduction to infectious disease modeling**

[Joseph Wu](#) (The University of Hong Kong, Hong Kong SAR)

15:30 – 16:00 **Break**

16:00 – 17:00 **Round table**

## 6 December 2017

8:30 – 10:30 **The cost of dengue illness: Implications for the cost-effectiveness of  
the dengue vaccine**

[Hugo Turner/Hannah Clapham](#) (Oxford University Clinical Research Unit,  
Vietnam)

10:30 – 11:00 **Break**

- 11:00 – 12:30 **Challenges in cost effectiveness analysis, a HPV case study**  
[Mark Jit](#) (London School of Hygiene & Tropical Medicine, UK)
- 12:30 – 13:30 **Lunch**
- 14:00 – 15:30 **Modeling interventions**  
[Joseph Wu](#) (The University of Hong Kong, Hong Kong SAR)
- 15:30 – 16:00 **Break**
- 16:00 – 17:00 **Round table**

## 7 December 2017

- 8:30 – 10:30 **Practical session: guidance of cost-effectiveness study**  
[Pham Duy Quang/Hannah Clapham](#) (Pasteur Institute in Ho Chi Minh City/Oxford University Clinical Research Unit, Vietnam)
- 10:30 – 11:00 **Break**
- 11:00 – 12:30 **Behaviour at the patient – health system interface: A conceptual framework**  
[Marco Haenssger](#) (University of Oxford, UK)
- 12:30 – 13:30 **Lunch**
- 13:30 – 14:00 **Course evaluation**
- 14:30 **Health access and coverage in Asian developing countries, Health financing systems and strategy, Policy Development**  
[Peter Annear](#) (The University of Melbourne, Australia)
- Seasonal influenza: cost of illness and how to evaluate vaccination programs** [Sanofi](#)
- Visit of a health care centre**
- Dinner**