

# **The First PSU-IP International Teaching Platform on Cytokines**

Jointly organized by

## **Prince of Songkla University and Institut Pasteur**

At The Department of Biomedical Sciences, Faculty of Medicine, PSU

*September 9-14, 2002*

### **Day 1: Sept 9, 2002**

08.30-10.00	General introduction on the immune system
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Cytokines and T-cell (Th1/Th2) Part I
12.00-13.00	<i>Lunch</i>
13.00-14.30	Cytokines and T-cell (Th1/Th2) Part II
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Cytokines and inflammation Part I

### **Day 2: Sept 10, 2002**

08.30-10.00	Cytokines and inflammation Part II
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Cytokines and inflammation Part II (cont)
12.00-13.00	<i>Lunch</i>
13.00-14.30	Cytokines and innate immunity against infection
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Immunotherapy targeting cytokines

### **Day 3: Sept 11, 2002**

08.30-10.00	Physiopathology of the response to endotoxins
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Immuno-inflammatory aspects of septic syndrome
12.00-13.00	<i>Lunch</i>
13.00-14.30	Open discussion with Dr. Cavaillon - the role of cytokines - cytokine studies and research interest
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Round table discussion <ul style="list-style-type: none"><li>• The role of cytokines and cytokine studies:<ul style="list-style-type: none"><li>- Dengue's haemorrhagic fever, ect.</li></ul></li><li>• Biological exploration in humans<ul style="list-style-type: none"><li>- recruitment of cohorts, bioethics</li><li>- statistical distribution and significance</li></ul></li></ul>

### **Day 4-6: Sept 12-14, 2002**

#### **Cytokines Workshop**

1. Detection and titration of cytokines using
  - competitive RT-PCR
  - ELISA
2. Exercise session of the actual experimental data from research articles on the field of cytokines.

#### **Speakers & Instructors :**

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| 1. Dr. Jean-Marc Cavaillon,    | Institut Pasteur   |
| 2. Dr. Adrien Six,             | Institut Pasteur and<br>Université Pierre et Marie Curie |
| 3. Ms. Eliane Bourreau,        | Institut Pasteur de Guyane                               |
| 4. Dr. Prida Malasit,          | Center of Molecular Biology, Mahidol University          |
| 5. Dr. Suvina Ratanachaiyavong | Dept of Biomedical Sciences, Fac. of Med., PSU           |