

Programme

The second PSU International Teaching Platform on *Tumour Immunology and Immunotherapy*

jointly organized by

**Prince of Songkla University,
Université Pierre et Marie Curie – Paris 6 and Institut Pasteur**
at the Department of Biomedical Sciences, Faculty of Medicine, PSU
December 15-20, 2003

Day 1: Dec. 15, 2003

07.30-08.15	Registration
08.15-08.30	Opening ceremony by Dr. Prasert Chitapong, PSU's President
08.30-10.00	Introduction to the Immune System [CF; Lecture 1] <ul style="list-style-type: none"> - Innate and adaptive immunity - Dendritic cells and macrophages - T and B lymphocytes - TCR and immunoglobulins
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Introduction to the Immune System (contd) [CF; Lecture 1] <ul style="list-style-type: none"> - MHC-restricted presentation - Cytokines - Th1/Th2 balance
12.00-13.00	<i>Lunch</i>
13.00-14.30	Tumour biology & immune surveillance [HF; Lecture 2] <ul style="list-style-type: none"> - Clinical evidence - Incidence - Relation to age and immunodepression - Experimental models - Tumour antigens
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Tumor microenvironment [HF; Lecture 3] <ul style="list-style-type: none"> - Dendritic cells and T lymphocytes - Cytotoxicity - Macrophages - Cytokines - Th1/Th2 balance - Regulatory T cells <p>Cancer models: prostate, lung, colon, uterus</p>

Day 2: Dec. 16, 2003

08.30-10.00	Cytokines and cancer [ET; Lecture 4] <ul style="list-style-type: none"> - Physiopathology and immunotherapy - Gene therapy <p>Cancer models: bladder, kidney, melanoma, hemato</p>
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Non-specific cellular therapy [HF; Lecture 5] <ul style="list-style-type: none"> - Macrophages, NK and LAK <p>Cancer models: ovary, bladder, colon, mesothelioma</p>
12.00-13.00	<i>Lunch</i>

13.00-14.30	Specific therapy: monoclonal antibodies [CF; Lecture 6] Cancer models: breast, lung, lymphoma, LLC
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Specific therapy: T lymphocytes [HF; Lecture 7] - Allografts, TIL, T-cell clones
17.00-18.30	Bird-eye view of Hat-Yai town center (before and after sunset)
18.30-20.30	Reception dinner at “Bon-Khao”

Day 3: Dec. 17, 2003

08.30-10.00	Vaccination [ET; Lecture 8] - Mechanisms: dendritic cells, tumour antigens
10.00-10.30	<i>Coffee break</i>
10.30-12.00	Vaccination (contd) [ET; Lecture 8] - Clinical trials - Immunomonitoring
12.00-13.00	<i>Lunch</i>
13.00-13.45	Epstein-Barr virus- and HPV8-associated peripheral T-cell proliferative disease
13.45-14.15	Quantitative analysis of EBV-genome in the plasma of patients with peripheral T-cell proliferative disease
14.30-15.00	<i>Coffee break</i>
15.00-16.30	Round table discussion with Prof. Fridman
16.30-17.00	Delivery of certificates/Closing Ceremony by PSU's President

Day 4-6: Dec. 18-20, 2003**Lab course training**

1. Immunomonitoring
 - Intracellular staining of cytokines
 - ELISPOT assay for cytokines
2. Demonstration of detection of tumour antigens by antibodies
3. Exercise session of experimental data in the field of tumour immunology and immunotherapy

Speakers & Instructors:

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| 1. Hervé Fridman, M.D., Ph.D. | Prof. of Immunology, Medical School, Université Pierre et Marie Curie – Paris 6 |
| 2. Catherine Fridman, Ph.D. | Prof. of Immunology, Université Paris 6 |
| 3. Eric Tartour, M.D., Ph.D. | Assistant-Prof. of Immunology, Medical School, Université René Descartes – Paris 5 |
| 4. Sylvie Garcia, Ph.D. | Investigator, Institut Pasteur |
| 5. Adrien Six, Ph.D. | Assistant-Prof. of Immunology, Institut Pasteur and Université Paris 6 |
| 6. Suvina Ratanachaiyavong, M.D., Ph.D. | Department of Biomedical Sciences, Faculty of Medicine, Prince of Songkla University |