

Registration Form (please print or type)

Participant: Title (Dr./ Mr./ Ms.)

First name Family name

Institution

Address.....

City ZIP Country

Phone Fax

e-mail:

Registration for Workshop*, Dec. 6-11, 2004

Local participants		Oversea participants	
Before Nov. 22	After Nov. 22	Before Nov. 22	After Nov. 22
4,000 Baht	4,400 Baht	US\$ 100	US\$ 110

Coffee/tea, lunch, reception dinner are included in the registration fee.

* The number of participants in the workshop is limited to only 24 person.

Participants will be admitted on the basis of first come first serve.

Accommodation booking

Diamond Plaza Hotel (Bed & Breakfast)	1,100 Baht/night (for one occupant)	1,200 Baht/night (for two occupants)
ผู้แสดงบัตรข้าราชการ จะได้รับส่วนลด 200 บาท/ห้อง/คืน		

Date of your arrival (check-in date)

Date of your departure (check-out date)

To secure room accommodation, a one-night's room deposit is required.

Registration is considered incomplete without enclosed payment

Payment is made by

- Bank transfer*
- Draft payment

To the account of Faculty of medicine, Prince of Songkla University.
Account No.: 565-2-23182-9 Siam Commercial Bank, PCL,
PSU's branch, Hat-Yai, Songkhla 90110, Thailand.

* Please enclosed a copy of your transferred slip with your registration

Signature Date



The 3rd PSU-ITP Workshop on
Immunological Activity Determination of Medicinal Plants
Jointly organized by
Prince of Songkla University
Université Pierre et Marie Curie-Paris 6 & Institut Pasteur
December 6-11, 2004
At The Department of Biomedical Sciences, Fac of Medicine,
Prince of Songkla University, Hat Yai, Songkhla, Thailand



The Teaching Platform will focus on the understanding of cellular immune responses toward exogenous stimuli such as natural and biological products including derived compounds. Opportunity will be provided for participants to make a direct search for relevant literatures, discuss with his/her group of investigators to workout the experimental designs for the aspect of his/her immunological interest. Participants will have a hand-on experiences with the techniques of animal handling, cell separation and culture, flow cytometry, ELISA, RT-PCR either facilitated or demonstrated by instructors of our workshop. Data analysis and interpretation from the immunological testing will be discussed after the practical laboratory performance in the workshop.

The 3rd PSU ITP Workshop (Tentative Program)
Immunological Activity Determination of Medicinal Plants

Day 1: Dec. 6, 2004

08.30-09.00	Registration
09.00-10.00	Introduction to the workshop Overview of the immune system Immunological determination approach
10.00-10.30	Coffee break
10.30-12.00	Immunological determination techniques - Experimental animal model - In-vitro & in-vivo experiments
12.00-13.00	Lunch
13.00-14.30	Practical animal handling - Isolation of lymphoid cells and tissues
14.30-15.00	Coffee break
15.00-17.00	Practical cell handling and culture techniques
18.30-20.30	Welcome dinner

Day 2: Dec. 7, 2004

08.30-10.00	Working group assignment & Experimental design
10.00-10.30	Coffee break
10.30-12.00	Retrieval of information and resources in Immunology demonstration and practice
12.00-13.00	Lunch
13.00-15.00	Group discussion for experimental design
15.00-15.30	Coffee break
15.30-17.00	Group discussion and laboratory experiment (cont)

Day 3: Dec. 8, 2004

08.30-10.00	Cell study using flow cytometry - Principle and Application of the techniques - Interpretation (practical interpretation of data)
10.00-10.30	Coffee break
10.30-12.00	Determination of secretory cytokines
12.00-13.00	Lunch
13.00-15.00	Practical demonstration of flow cytometry
15.00-15.30	Coffee break
15.30-17.00	Laboratory set up for ELISA

Day 3: Dec. 9, 2004

08.30-10.00	Brief review of yesterday and today experiments Performing cytokine determination assay
10.00-10.30	Coffee break
	Cytokine determination assay (cont)
12.00-13.00	Lunch

13.00-15.00	Cytokine determination at the expression level demonstration/practice mRNA isolation and RT-PCR
15.00-15.30	Coffee break
15.30-17.00	Laboratory set up for cytokine expression determination

Day 5: Dec. 10, 2004

08.30-10.00	Brief review of yesterday and today experiments Data interpretation and analysis of individual assay
10.00-10.30	Coffee break
10.30-12.00	Practice on mRNA isolation and for RT-PCR
12.00-13.00	Lunch
13.00-15.00	Interpretation of RT-PCR Combine data interpretation
15.00-15.30	Coffee break
15.30-17.00	Combine data interpretation and discussion (cont)

Day 6: Dec. 11, 2004

08.30-10.00	Presentation of data from individual group Summary discussion of overall experiments
10.00-10.30	Coffee break
10.30-12.00	Presentation and discussion (cont)
12.00-13.00	lunch
13.00-16.30	Discussion on potential research collaboration Questions & answers with coffee break in between

Speakers & Instructors :

GARCIA, Sylvie, Ph.D	Institut Pasteur, Paris, France.
HAHNVAJANAWONG, Chariya, Ph.D	Dept of Microbiol, Fac. of Medicine, Khon Kaen University, Thailand.
LAUPATTARAKASEM, Pisamai, Ph.D	Dept of Pharmacy, Fac.of Medicine, Khon Kaen University, Thailand.
RATANACHAIYAVONG, Suvina M.D,Ph.D	Dept of Biomed Sci., Fac.of Med, Prince of Songkla Univ., Thailand.
SIX, Adrien, Ph.D	Institut Pasteur and Université Paris 6, France.

Registration contact:

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