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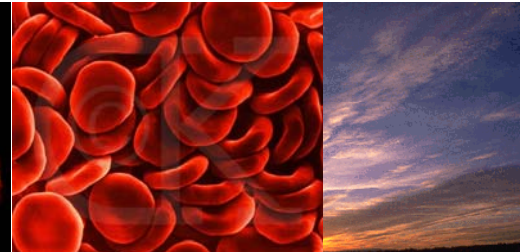
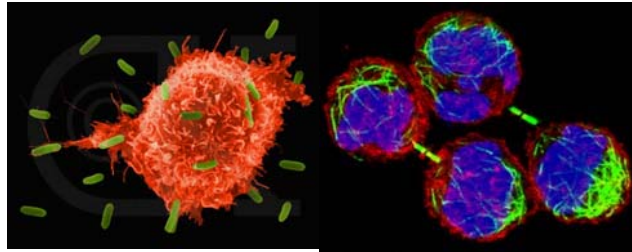
MARTIN ADELMANN

KOVIT PATTANAPANYASAT

# 1<sup>st</sup> ASEAN CYTOMETRY WORKSHOP

27-31 JULY, 2009

KUALA LUMPUR, MALAYSIA



1st ASEAN Cytometry Workshop will be held from July 27-31, 2009 in the beautiful city of Kuala Lumpur, Malaysia.

The purpose of this workshop is to interface experts in flow cytometry with people who have interest in flow cytometry and routinely use it in their research or clinical practice. This workshop will cover the basics of flow cytometry in research and clinical applications.

This workshop will be first of a series in ASEAN countries and will give a platform for hands-on-training, gaining advance knowledge and discussion of application and difficulties and new ideas. Every attendee is required to participate actively and make a positive contribution by discussing their current research, experiences, and needs.

The program for the workshop is entirely determined by the interests of the attendees and the active participation.

World renowned scientists, application specialists and technologists will be attending this workshop.

**VENUE: TECHNOLOGY PARK MALAYSIA,  
BUKIT JALIL, KUALA LUMPUR, MALAYSIA**

## KEY NOTE ADDRESS:

**J. PAUL ROBINSON, Purdue University, USA**

## INVITED FACULTY

**AWTAR KRISHAN, UNIVERSITY OF MIAMI, USA**

**ARVINDER SINGH, BECTON DICKINSON, INDIA**

**CHIN YUET MENG, IMR, MALAYSIA**

**ELIZABETH BERNAL, WESTMEAD LABORATORY, AUSTRALIA**

**GEOFF OSBORNE, UNIVERSITY OF QUEENSLAND, AUSTRALIA**

**GOPAL PANDE, CCMB, HYDERABAD, INDIA**

**H. KRISHNAMURTHY, NCBS, BANGALORE, INDIA**

**JASBIR SINGH DHALIWAL, IMR, MALAYSIA**

**KOVIT PATTANAPANYASAT, MAHIDOL UNIVERSITY, THAILAND**

**MACHIRAJU RAMAKRISHNA, GUAVA TECHNOLOGIES, INDIA**

**MARTIN ADELMANN, BECKMAN COULTER, SWITZERLAND**

**PARESH JAIN, BECTON DICKINSON, INDIA**

**L. SCOTT CRAM, LOS ALAMOS NATIONAL LABORATORY, USA**

**SUMEET GUJRAL, TATA MEMORIAL CENTER, MUMBAI, INDIA**

**T. VINCENT SHANKEY, BECKMAN COULTER, USA**

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Satish Totey

Co-Chairman  
Zubaidah Zakaria

Secretary  
Caroline Jee

Treasurer  
Dhanya Nambiar



## Lab Facilities:

The wet labs will be held in the Technology Park Malaysia, Enterprise-4, Kuala Lumpur, Malaysia and Institute for Medical Research (IMR), Kuala Lumpur. We have invited Beckman Coulter, Becton Dickinson Guava Technologies and Miltenyi to bring their latest flow cytometers along with their technical staff to the workshop.

## Participants:

Lectures will be open to all students of Universities, Institutions, Hospitals and Industry. Participation in wet labs, tutorials and other events will be limited to registered students/participants. The wet labs will be open to 40 registered students selected by the selection committee. The deadline for accepting applications is **MAY 30, 2009**.

## Proposed Venue:

**TECHNOLOGY PARK MALAYSIA, ENTERPRISE-4,  
BUKIT JALIL, KUALA LUMPUR, MALAYSIA**

## Course Certificates:

Participants who attend the wet lab and pass the final exam will receive a course completion certificate.

## Fellowships:

A limited number of fellowships may be available for the students (maximum RM 2000). Refer to the application form.

## Registration:

Registration is open for mid-career scientists, clinicians, pathologists, graduate students, industry scientists and technical people who are currently using flow cytometry. Only 40 participants will be enrolled for the wet labs on a merit basis. Registration is necessary for those who are interested in only lectures.

## COURSE CONTENTS:

- **Basics of flow cytometry and sorting**
- **Instrument set up, calibration and compensation**
- **Flow cytometry hardware**
- **Flow cytometry software**
- **Data Analysis and Interpretation**
- **Multicolor immunophenotyping**
- **Minimal Residual Disease**
- **DNA, Cell cycle and Proliferation**
- **DNA and chromosome analysis**
- **Apoptosis**
- **HIV and immunodeficiency**
- **Designing flow cytometry experiments**
- **Flow cytometry in organ/tissue transplantation**
- **Cytokine monitoring**
- **Stem Cell analysis**
- **Signal Transduction**
- **Antigen quantification**
- **Lymphoma and leukemia phenotyping**

### **IMPORTANT DATES TO REMEMBER:**

Last Date of Application:	30 <sup>th</sup> May, 2009
Candidate to inform :	15 <sup>th</sup> June, 2009
Last Date of Payment:	30 <sup>th</sup> June, 2009
Workshop Begins:	27 <sup>th</sup> July, 2009
Workshop Ends:	31 <sup>st</sup> July, 2009

## REGISTRATION AND TUTION FEES:

### Lectures and Wet Lab

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Government Research Institutions/Universities: RM 2000 or US \$ 650

Non-Governmental Institutions/Industries: RM 3500 or US \$ 1000

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Registration includes workshop kit, access to lectures and wet lab, morning tea, working lunch and evening tea.

### Only Lectures

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Government Research Institutions/University: RM 150 or US \$ 50

Non-Governmental Institutions/Industries: RM 200 or US \$ 60

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Registration includes workshop kit, access to the lectures, morning tea.

Registration fee/ tuition fee can be paid by local cheque, Demand Draft or bank transfers. Outstation cheques are not acceptable. Payments should be made in favor of "1<sup>st</sup> ASEAN CYTOMETRY WORKSHOP" payable at Kuala Lumpur, Malaysia. Bank Details will be provided to the selected candidates.

## ACCOMMODATION:

Participants will have to make their own living arrangements. However, reasonably priced (RM 150-200/night) hotel rooms have been blocked out for your convenience. For more details and assistance please contact Ms. Dhanya Nambiar, [dhanya.n@stempeutics.com.my](mailto:dhanya.n@stempeutics.com.my) Phone : +603-8996-1023, FAX: +603-8996-1025.

## HOW TO APPLY:

Please log on to our website [www.cytometryworkshops.com](http://www.cytometryworkshops.com). Go to 1<sup>st</sup> ASEAN cytometry workshop and download the application form. Fill out the form and email it to us along with your CV and one recommendation letter on or before 30<sup>th</sup> May, 2009. Selected candidates will be informed by email on 15<sup>th</sup> June, 2009. Selected candidates will have to pay the registration fee on or before 30<sup>th</sup> June, 2009.

Email your applications to **BOTH:**

**DHANYA NAMBIAR**

[Dhanya.n@stempeutics.com.my](mailto:Dhanya.n@stempeutics.com.my)

and

**RONALD HAMELIK**

[Rhamelik@med.miami.edu](mailto:Rhamelik@med.miami.edu)



### Co-Hosted By

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