

### ***Meeting Coordinators***

**Patron:**

RA Badwe, Director, TMC

**Advisors:**

Brent Wood, USA  
A Dasgupta, India

**Organizing Secretaries:**

Sumeet Gujral  
Subramanian PG

**Team:**

Residents and Staff,  
Hematopathology Laboratory,  
Department of Pathology

**Registration fees:**

For all Delegates: Rs 5000  
For Technologists: Rs 2500

Online registration is  
Mandatory\*. Payment by credit  
card / Demand Draft (DD) only.

DD should be drawn in favor of  
Tata Memorial Hospital payable at  
Mumbai

For Registration,  
<http://tmc.gov.in>

[http://tmc.gov.in/newsnevents/FL  
OW%202012/MISA\\_2011.html](http://tmc.gov.in/newsnevents/FL<br/>OW%202012/MISA_2011.html)

\*Foreign Nationals can pay  
registration fee on spot.

### ***A warm welcome***

Dear Friends,

Immunophenotyping in the current years has evolved into a rapidly expanding field and is an important part of diagnostic hematopathology. Today, clinical cytometry has many newer applications such as detection of minimal residual disease in acute leukemia which has significant clinical implications. The present conference aims to create a scientific forum for the standardization of various aspects of multicolour immunophenotyping, normal hematopoiesis and testing for the newer assays in clinical flow cytometry.

This 3-day meeting (March 9-11, 2012) will have a list of national and renowned international speakers who are experts in their field. A copy of proposed program is attached. We sincerely look forward to your response and active participation.

MMC has granted 6 credit hours to the delegates and 7 credit hours to the faculty.



Tata Memorial Hospital  
organizes

## ***Multicolor Immunophenotyping: Standardization and Applications***

**Date: 9-11 March 2012**

**Venue:**

Choksi Auditorium, TMH

**Address for correspondence:**

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<b>Day 1 - Friday</b>		
7.30 - 8.45 AM	<b>Tea</b>	
8.45 - 9.00	<b>Inauguration</b>	
<b>Session 1: Introduction and Basics</b>		
Timing	Topics	Speaker
9.00 - 9.30	FCM Immunophenotyping: an Indian Perspective	<b>S Gujral</b>
9.30 -10.30	Panel design and validation of multicolor assays Newer fluorochromes in immunophenotyping	<b>P Chattopadhyaya</b>
10.30 -11.30	Analysis and data Interpretation in flow cytometry	<b>Brent Wood, A Orfao, P Chattopadhyaya (20 minutes each)</b>
11.30-11.45	<b>Tea Break</b>	
11.45 -12.30	Issues in Multicolor flow cytometry: beyond 6 colors	<b>Brent Wood</b>
12.30 - 1.15	Euroflow Program and Inter-laboratory Standardization	<b>A Orfao</b>
1.15 - 2.00	<b>Lunch</b>	
2.00 - 3.00	Quality control issues including proficiency testing	<b>B Davis</b>
3.00 - 3.30	Staining of intracellular and nuclear antigens	<b>Vincent Shankey</b>
3.30 - 3.45	<b>Tea</b>	
<b>Session 2: T cells</b>		
3.45 - 4.30	Normal and Abnormal maturation patterns - Thymus and Lymph nodes	<b>Brent Wood</b>
4.30 - 5.15	T cell neoplasms (precursor, mature)	<b>Brent Wood</b>
5.15 - 5.45 PM	V beta repertoire for T cell clonality	<b>P Tembhare</b>

<b>Day 2 - Saturday</b>		
7.30-8.00 AM	<b>Tea</b>	
<b>Session 3: B-cells</b>		
8.00 - 8.45	Normal and Abnormal maturation patterns in bone marrow and peripheral blood	<b>A Orfao</b>
8.45 - 9.30	Normal and Abnormal maturation patterns in Lymph nodes	<b>A Orfao</b>
9.30 - 9.50	Monoclonal B-cell lymphocytosis	<b>A Orfao</b>
9.50 -10.30	B cell neoplasms (precursor, mature)	<b>A Orfao</b>
10.30 -10.50	MRD in CLL, HCL	<b>P Tembhare</b>
10.50-11.00	<b>Tea</b>	
<b>Session 4: Myeloid cells</b>		
11.00 -12.00	Normal and abnormal maturation patterns	<b>W Kern</b>
12.00 -1.00	Myeloid Neoplasms	<b>W Kern</b>
1.00 -2.00	<b>Lunch</b>	
<b>Session 5: Plasma cells</b>		
2.00 -3.00	Normal, Neoplasm and Minimal Residual Disease	<b>A Orfao</b>
3.00 -3.30	Immunophenotyping of Mast cells	<b>A Orfao</b>
3.30 -3.45	<b>Tea</b>	
<b>Session 6: Recent Advances</b>		
3.45 -4.30	Cell cycle analysis	<b>Vincent Shankey</b>
4.30 - 5.15	FCM and red cells including PNH	<b>Bruce Davis</b>
5.15-6.00 PM	Cell signalling in normal and in AML	<b>Vincent Shankey</b>

<b>Day 3 - Sunday</b>		
7.45-8.30 AM	<b>Tea</b>	
<b>Session 7: Minimal Residual Disease in Hematolymphoid Neoplasm</b>		
8.30 - 9.15	Cases	<b>Brent Wood</b>
9.15 -10.00	Cases	<b>W Kern</b>
10.00 -10.45	Cases	<b>A Orfao</b>
10.45 -11.00	<b>Tea</b>	
<b>Session 8: Education and Regulatory Issues</b>		
11.00 -11.45	Regulation of flow cytometry vis-a-vis accreditation	<b>Bruce Davis</b>
11.45 -12.30	Managing a Flow Cytometry Laboratory	<b>W Kern</b>
12.30 -1.30	<b>Lunch</b>	
1.30 -2.30	Panel discussion: Education/ training requirements Coordinator: S Gujral	<b>A Orfao, Brent wood, W Kern, Krishnamurthy</b>
2.30 -3.30	Indian panel - QC in IPT, Projects and any proposed future collaborations. Coordinator: Neha Mittal	<b>A Dasgupta, N Varma, R Kumar, S. Khodajji, PG Subramanian (8 minutes each)</b>
3.30PM	<b>Valedictory: PG Subramanian</b>	