

Speakers will share their current research applications in immunology

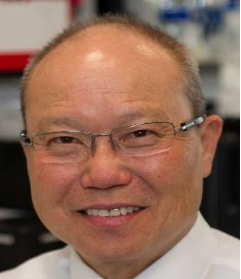
**Professor Shiv Pillai, PhD (Harvard Medical School)**



Professor Pillai is one of the authors for the best-selling immunology text book “Cellular and Molecular Immunology”. His research focuses on investigations:

1) of immune system to treat cancer and to increase immunological memory 2) on how genetics and the environment affect lymphoid clones to drive common diseases and 3) on the development of new therapies for chronic diseases such as arthritis, lupus and IgG4-related diseases. The main discoveries in his lab include Btk inhibitors that are effective in B cell malignancies and in trials of autoimmunity as well as a novel way to strengthen immune responses and enhance helper T cell memory that provides hope for developing more effective personalized immune-system based treatments for cancer.

**Professor Liew Foo Yew (University of Glasgow)**



Professor ‘Eddy’ Liew’s research in immunology has revealed new regulatory pathways in the body’s defences against infection. This has clarified how the body strikes a balance between destroying infectious agents and avoiding damage to its own tissues, and opened the way to new and more

effective therapies for conditions including rheumatoid arthritis and sepsis. During his career, Professor Liew has made important breakthroughs, including the discovery of T cell heterogeneity, which led to a greater understanding and treatment of the disease Leishmaniasis, and pinpointing the role that Nitric Oxide plays in regulating the body’s immune system.

#### Vision

To extend the knowledge on recent developments in immunology and to contribute to insight in scientific questions and approaches in immunological research.

#### Key Topics

Molecules (MHC, antigen receptors, co-stimulatory molecules, adhesion molecules), mediators (cytokines, chemokine, hormones) & cells (T and B lymphocytes, antigen-presenting cells, innate cells) involved in immune responses against infectious diseases, cancer, autoimmunity and allergy.

#### Audience

This 5-day programme is designed for biomedical students, clinicians, academicians and scientists who wish to acquire an extensive knowledge and skills in the field of immunology and its applications in research and therapy. The course will be delivered by world leaders at the forefront of immunology, immunoparasitology and immunotherapy research.

#### Registration Fee (inclusive of GST)

	Local	International
<b>Early Bird (Before 15<sup>th</sup> June 2017)</b>		
Delegates	RM 800	USD 300
Students	RM 500	USD 300
Late Registration		
<b>(After 1<sup>st</sup> June 2017)</b>		
Delegates	RM 900	USD 400
Students	RM 600	USD 400
Walk-in (per day)	RM 200	USD 200

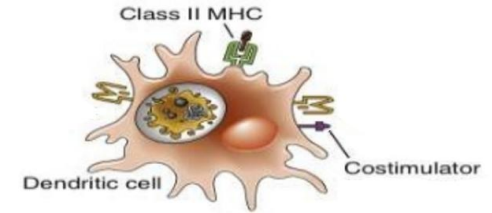
#### The registration fee includes the following:

- 1) Lecture sessions
- 2) Registration kit
- 3) Handouts of lectures
- 4) Lunch and tea (5 days)

The participants will be awarded certificate of participation.

#### COURSE SECRETARIAT

Department of Medical Microbiology and Department of Parasitology, University of Malaya, 50603, Kuala Lumpur, Malaysia



## 2<sup>nd</sup> BASIC & CLINICAL IMMUNOLOGY COURSE

**5<sup>th</sup> – 9<sup>th</sup> JULY 2017**

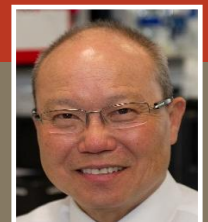
T.J Danaraj Auditorium,  
Faculty of Medicine, University of Malaya

By

**World-Renowned Immunologists**



Shiv S. Pillai, PhD  
(Author of Cellular and Molecular Immunology)



Liew Foo Yew, PhD  
(Researcher of T cell heterogeneity & IL-33)

## ORGANIZING COMMITTEE

This event is jointly organized by the Department of Medical Microbiology and Department of Parasitology, University of Malaya

Chairperson: Prof. Dr. Shamala Devi Sekaran

Co-organizers:

Prof. Dr. Suresh Kumar A/L P Govind

Prof. Dr. Tay Sun Tee

Assoc. Prof. Dr. Lau Yee Ling

Secretary : Dr. Chandramathi A/P Samudi@Raju

Treasurer: Dr. Cheong Fei Wen

Webpage designer: Dr. Wong Won Fen

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Prof. Datin Dr. Indra A/P Vythilingam

Assoc. Prof. Rina A/P N Karunakaran

Dr. Wan Yusoff Bin Wan Sulaiman

Dr. Kartini Binti Abdul Jabar

Dr. Maria Kahar Bador

Dr. Rukamani Devi A/P Velayuthan

Dr. Nadia Binti Atiya

Dr. Amirah Binti Amir

## COURSE SECRETARIAT

Department of Medical Microbiology and Department of Parasitology, University of Malaya, 50603, Kuala Lumpur, Malaysia

## WEBSITE

<http://umconference.um.edu.my/immunology2=3874>

## Confirmation

A confirmation e-mail of your registration will be sent upon receipt of your payment proof and registration form.

## Cancellation Policy

No refund will be given but the registration can be transferred to substitute delegates without penalty.

## CONTACT US:

+60(3)79676661 or +60(3)79674746 or email:

[2ndbasicimmunology@gmail.com](mailto:2ndbasicimmunology@gmail.com)

## 2<sup>nd</sup> Basic and Clinical Immunology Course 2017

### Tentative Programme

#### Overview Immunology

##### July 5<sup>th</sup>:

7.30 a.m.	Registration	
8.45 a.m.	Opening Ceremony	Chairperson / Dean
9.00 a.m.	Overview of Immunology and Innate Immunity I	Pillai
10.30 p.m.	Break	
11.00 p.m.	Innate Immunity II	Pillai
12.30 p.m.	Lunch	
1.30 p.m.	Antibodies and Disease	Pillai
3.00 p.m.	Break	
3.30 p.m.	Antigen Presentation I : MHC molecules	Pillai
5.00 p.m.	Discussion with students and postgraduates	

##### July 6<sup>th</sup>:

9.00 a.m.	Recap of Day 1	
9.15 a.m.	Antigen Presentation II, Pathways	Pillai
10.30 a.m.	Break	
11.00 a.m.	Immune Diversity and Lymphocyte Development	Pillai
12.30 p.m.	Lunch	
1.30 p.m.	T cell activation	Pillai
3.00 p.m.	Break	
3.30 p.m.	Frontiers: Immune Regulation in Sepsis	Liew
5.00 p.m.	Discussion with students and postgraduates	

##### July 7<sup>th</sup>:

9.00 a.m.	Recap of Day 2	
9.15 a.m.	CD4+ Subsets	Pillai
10.30 a.m.	Break	
11.00 a.m.	T-B collaboration	Pillai
12.30 p.m.	Lunch	
1.30 p.m.	CD8+ cells and NK cells	Pillai
3.00 p.m.	Break	
3.30 p.m.	Frontiers: Immunity and Treatment of Malaria	Liew
5.00 p.m.	Discussion with students and postgraduates	

##### July 8<sup>th</sup>:

9.00 a.m.	Recap of day 3	
9.15 a.m.	Mucosal Immunity and Microbiome	Pillai
10.30 a.m.	Break	
11.00 a.m.	Frontiers: Approaches to Autoimmunity in Humans: Lessons from IgG-related diseases	Pillai
12.30 p.m.	Lunch	
1.30 p.m.	Frontiers: Autoimmunity II – Rheumatoid Arthritis	Liew
3.00 p.m.	Break	
3.30 p.m.	Tumor Immunology, Allergies and Transplantations	Pillai
5.00 p.m.	Discussion with students and postgraduates	

##### July 9<sup>th</sup>:

9.00 a.m.	Recap of Day 4	
9.15 a.m.	Frontiers: Cytokines and Future Therapies of Alzheimer's Disease	Liew
10.30 a.m.	Break	
11.00 a.m.	Primary and Acquired Immunodeficiencies	Pillai
12.30 p.m.	Lunch and Farewells	

## REGISTRATION

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Course Details (if student): \_\_\_\_\_

Organization Affiliation: \_\_\_\_\_

Postal address: \_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Registration/Payment details:

Early registration:

Local

Delegate(RM800)  Student(RM 500)

International

Delegate / Student(USD 300)

Late registration:

Local

Delegate(RM900)  Student(RM 600)

International

Delegate / Student(USD 400)

Payment via:

BANK TRANSFER

• Payee: BURSAR, UNIVERSITY OF MALAYA

• ACCOUNT NO: 8001279998

• Bank Information: CIMB Bank Berhad, University of Malaya, 50603 Kuala Lumpur, Malaysia. (Swift Code: CIBBMYKL)

• Upload the TT payment proof at the "PAY USING INTERNATIONAL BANK TRANSFER" after logging into your account, or by emailing a copy of the TT payment receipt directly to [2ndbasicimmunology@gmail.com](mailto:2ndbasicimmunology@gmail.com)

CREDIT CARD

• Log on into your account

• Click red box "PAY USING CREDIT CARD" and you will be linked to a new page.

• Select suitable group and amount, Click "PAY" and you will be linked to a new page.

• Click "VISA" or "MASTERCARD" logo.

• Key in Credit card details "CARD NUMBER, EXPIRY DATE and SECURITY CODE", click "PAY".

CASH or CHEQUE

• Cheque should be made payable to "BENDAHARI UNIVERSITY MALAYA"

• Cash/cheque together with registration form can be passed to the treasurer (Dr. Cheong Fei Wen, Department of Parasitology, University of Malaya).

Official website:

<http://umconference.um.edu.my/immunology2=3874>