



**MSCT**

**Masterclass in**



**Systemic  
Cancer Therapy**



**Malaysian  
Oncological  
Society**



**UNIVERSITY  
OF MALAYA  
MEDICAL CENTRE**

Date : 4th - 5th March 2017  
Venue : Conference Room 3, Level 13th,  
South Tower, University of Malaya  
Medical Centre (UMMC)

Contact : Eric Hew 016-654 0081  
Cryst 012-672 8761  
Hidayah 019-562 4055  
Email : [msct2017@gmail.com](mailto:msct2017@gmail.com)

**Masterclass in Systemic Cancer Therapy**  
**Organised by Department of Clinical Oncology (DCO), University of Malaya Medical Centre (UMMC)**

**Date** : 4-5<sup>th</sup> March 2017  
**Venue** : Conference Room 3, Level 13, Menara Selatan, UMMC

**Target Audience:**

- 1) Trainees and medical officers in oncology
- 2) Doctors in other specialties involved in management of patients with cancer
- 3) Oncologists wishing to get a refresher course
- 4) Oncology nurses
- 5) Pharmacists

**Course Synopsis**

This course provides the basics of pharmacology of systemic cancer therapy and is intended as a comprehensive course for both doctors and allied health-care professionals involved in the care of patients with cancer.

The emphasis is on:

- Role of clinical trials in the development of systemic cancer therapy
- Pharmacokinetics and pharmacodynamics in relation to drug dosing, scheduling and modifications
- The use of cytotoxic drugs, endocrine and biological therapies in clinical practice, their modes of action, side-effects, drug interactions and mechanisms of resistance
- Preventive measures, monitoring and management of toxicities
- Pharmacological agents used in the supportive care of patients with cancer including their indications, mode of action and side-effects

**Learning Objectives**

At the end of this course, participants should be able to:

- 1) Describe principles of drug development including phases of clinical trials
- 2) Describe various groups of systemic therapy with emphasis on their modes of action, pharmacokinetics, pharmacodynamics and mechanisms of resistance
- 3) Associate drugs with their side-effects
- 4) Describe management of some common and important side-effects
- 5) Apply the knowledge of response assessment in therapy management
- 6) Apply the knowledge on various types of systemic cancer therapy to choice of treatment including role of biomarkers

## Day 1 : Saturday 4<sup>th</sup> March 2017

### Introductory Session

Chairperson : Marniza Saad - Clinical Oncologist, UMMC

0800-0810	Welcome address	<b>Wan Zamaniah Wan Ishak</b> Chair of MSCT <b>Rozita Abdul Malik</b> Head, Department of Clinical Oncology, UMMC
0810-0830	Development of systemic cancer therapy	<b>Fuad Ismail</b> Clinical Oncologist, Univ. Keb. Malaysia Medical Centre
0830-0850	The pharmacology aspects	<b>Fuad Ismail</b> Clinical Oncologist, Univ. Keb. Malaysia Medical Centre
0850-0910	Mode of actions	<b>Tan Pei Lin</b> Pharmacist, University of Malaya Medical Centre
0910-0930	Drug resistance	<b>Vincent Phua Chee Ee</b> Clinical Oncologist, University of Malaya Medical Centre
0930-0950	Chemotherapy in pregnancy	<b>Mastura Md Yusof</b> Clinical Oncologist, Pantai Hospital Kuala Lumpur
0950-1010	<b>Q&amp;A</b>	<b>All Speakers</b>
1010-1020	<b>QUIZ</b>	
1020-1040	<b>COFFEE BREAK</b>	

### Systemic Therapy Session 1

Chairperson : Tan Pei Lin - Pharmacist, UMMC

1040-1100	Alkylating agents	<b>Suhana Yusak</b> Clinical Oncologist, Institut Kanser Negara
1100-1120	Platinum agents	<b>Kua Voon Fong</b> Clinical Oncologist, Beacon Hospital
1120-1140	Antimetabolites	<b>Anita Bustam</b> Clinical Oncologist, University of Malaya Medical Centre
1140-1200	Antimicrotubules	<b>Carolyn Eng Chai Hui</b> Pharmacist, University of Malaya Medical Centre
1200-1220	Topoisomerase inhibitors	<b>Tan Wen Chieh</b> Pharmacist, University of Malaya Medical Centre
1220-1240	<b>Q&amp;A</b>	<b>All speakers</b>
1240-1250	<b>QUIZ</b>	
1250-1400	<b>LUNCH BREAK</b>	

### Systemic Therapy Session 2

Chairperson : Rozita Abdul Malik - Clinical Oncologist, UMMC

1400-1420	Miscellaneous cytotoxic drugs	<b>Nik Muhd Aslan Abdullah</b> Clinical Oncologist, Univ. Keb. Malaysia Medical Centre
1420-1450	Endocrine therapy	<b>Muhammad Azrif Ahmad Annuar</b> Clinical Oncologist, Prince Court Medical Centre
1450-1510	Tailoring treatment in special situations	<b>Voon Pei Jye</b> Medical Oncologist, Sarawak Hospital
1510-1520	<b>Q&amp;A</b>	<b>All Speakers</b>
1520-1550	VEGF-targeted therapy	<b>Ravindran Kanesvaran</b> Medical Oncologist, National Cancer Centre, Singapore
1550-1610	Biomarkers	<b>Sucharit Pongprakyun</b> Clinical Oncologist, Hospital Likas
1610-1640	Chemotherapy-induced nausea & vomiting	<b>Ravindran Kanesvaran</b> Medical Oncologist, National Cancer Centre, Singapore
1640-1700	<b>Q&amp;A</b>	<b>All speakers</b>
1700-1710	<b>QUIZ</b>	

## Day 2 : Sunday 5<sup>th</sup> March 2017

### Systemic Therapy Session 3

Chairperson : Wan Zamaniah Wan Ishak - Clinical Oncologist, UMMC

0900-0930 Immuno-oncology

0930-0950 Immunotherapy and radiotherapy

0950-1020 EGFR-targeted therapy

1020-1040 Bone targeted therapy

1040-1100 **Q&A**

1100-1110 **QUIZ**

1110-1130 **COFFEE BREAK**

**Ho Gwo Fuang**

Clinical Oncologist, University of Malaya Medical Centre

**Tho Lye Mun**

Clinical Oncologist, Beacon Hospital

**Fabien Lee Wei Luen**

Clinical Oncologist, Mount Miriam Cancer Hospital

**Soo Hoo Hwoei Fen**

Clinical Oncologist, Hospital Kuala Lumpur

**All speakers**

### Systemic Therapy Session 4

Chairperson : Adlinda Alip - Clinical Oncologist, UMMC

1130-1150 Issues with fertility and fertility-sparing options.

1150-1210 Toxicities and grading

1210-1230 Granulocyte-colony stimulating factors

1230-1250 High dose chemotherapy

1250-1310 **Q&A**

1310-1320 **QUIZ**

1320-1420 **LUNCH BREAK**

**Mukhri Hamdan**

Gynaecologist, University of Malaya Medical Centre

**Ros Suzanna Bustamam**

Clinical Oncologist, Hospital Kuala Lumpur

**Ibtisam Mohd Noor**

Clinical Oncologist, Hospital Kuala Lumpur

**Gan Gin Gin**

Haemato-Oncologist, UMMC

**All speakers**

### Special Session

Chairperson : Marniza Saad - Clinical Oncologist, UMMC

1420-1440 Response assessment

1440-1500 Analgesics

1500-1520 Anticoagulation : a guide for oncologists

1520-1540 Vascular access

1540-1600 Extravasation

1600-1620 **Q&A**

1620-1630 **PRIZES & CLOSING**

**Marfu'ah Nik Eezamuddeen**

Clinical Oncologist, University Inst. Teknologi MARA

**Vaishnavi Jeyasingam**

Clinical Oncologist, Hospital Kuala Lumpur

**Bee Ping Chong**

Haemato-Oncologist, UMMC

**Anushya Vijayanathan**

Radiologist, University of Malaya Medical Centre

**Rosszai Ibrahim**

Oncology Sister, University of Malaya Medical Centre

**All speakers**

**\*Prizes will be awarded to all quiz winners**

**Masterclass in Systemic Cancer Therapy**  
**4<sup>th</sup> – 5<sup>th</sup> March 2017**  
**Universiti Malaya Medical Centre, Kuala Lumpur**

Please complete all fields. Fill in the forms with **BLOCK CAPITALS PLEASE** and submit this form and proof of payment to either by e-mail to [msct2017@gmail.com](mailto:msct2017@gmail.com) or contact 0379492120 / 6350

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Salutation (Prof. / Dr / Mr / Mrs / Ms)		Nationality
Job title		Gender
NRIC Number		Date of Birth
E-mail address		
Contact No. (Daytime - incl. area code)		Mobile / Cell No.
Institution/Organization - Please give full details including faculty, department, building etc.		

**Contact Address**

**Type of registration fees:**

Registration Fees	
Student	RM 200.00
Government	RM 350.00
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**Special Remarks**

Delegate Acknowledgement		Submission Date	
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**Do you have any dietary preference? (eg vegetarian)**

*All the food served during the event is Halal.*

Please return this form as soon as possible. The submission deadline is **27<sup>th</sup> February 2017.**

**TEL:**

**Eric (016-6540081), Cryst (012-6728761), Norol Hidayah (019-5624055)**