

REGISTRATION IS NOW OPEN!



AAMLS 2023

KUALA LUMPUR MALAYSIA



7TH CONGRESS OF ASIA ASSOCIATION OF MEDICAL LABORATORY SCIENTISTS (AAMLS)

in conjunction with
32ND NATIONAL SCIENTIFIC CONFERENCE OF
MALAYSIAN INSTITUTE OF MEDICAL LABORATORY SCIENCES (MIMLS)



9-12 OCTOBER 2023 | WORLD TRADE CENTRE KUALA LUMPUR

Organised by:



mimls
MALAYSIAN INSTITUTE OF
MEDICAL LABORATORY SCIENCES
INSTITUT SAINS MAKMAL PERUBATAN MALAYSIA

Under the auspices of:



Asia Association of
Medical Laboratory Scientists



CPD POINTS
TO BE ADVISED
Category A1
(Congress/Conference)

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Malaysia
BE Greater, Together.

Malaysia
Truly Asia

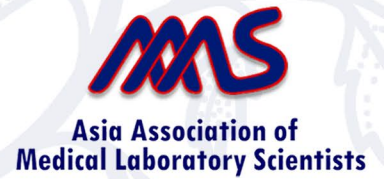
Official Airlines:



FOR MORE INFORMATION: AAMLS 2023 mimls.org/aamls2023



MESSAGE FROM THE AAMLS CHAIRMAN



Dear Fellow Colleagues

On behalf of the Asia Association of Medical Laboratory Scientists (AAMLS), it gives me great pleasure to extend my warmest greetings to all delegates attending the 7th Congress of Asia Association of Medical Laboratory Scientists (AAMLS) being held in Kuala Lumpur, Malaysia from 9 - 12 October 2023.

The practice of modern medicine would be impossible without the tests performed in the medical laboratory. Laboratory professionals are the detectives of the healthcare world. These professionals hunt for clues to the presence, absence, extent and causes of diseases. Though they spend less time with the patients than doctors and nurses, demands on the laboratory professionals' dedication and commitment are equally high.

AAMLS provides the infrastructure for Asia to improve laboratory medicine both nationally as well as regionally. A Congress of this nature, which brings together laboratory healthcare professionals from all over Asia in laboratory medicine has tremendous potential. It serves to update laboratory healthcare professionals on recent developments in the field of laboratory medicine, provides them with a focus to share their experiences, discuss openly the problems they face within their countries and learn from each other.

Besides bridging gaps in our knowledge, this Congress also provides an invaluable opportunity for social interaction and professional networking. It is hoped that the old friendships renewed and the new friendships formed at this Congress will result in the development of collaborative projects between countries. These projects can focus on the new developments in laboratory medicine where regional cooperation would increase the knowledge in this field. Regional cooperation also allows for the optimization of limited resources through the establishment of regional centers for professional training as well as for the provision of specialized laboratory services.

This is an exciting opportunity for leaders in the important field of medical laboratory science to come together to exchange ideas and expand their knowledge in a discipline that is critical to the continued health and well being of mankind. The objectives of this meeting are both timely and far-reaching; the discussions and activities that are planned will benefit greatly from your input and expertise.

The Organising Committee has lined up an exciting programme for every medical laboratory scientist and those interested in medical laboratory science in this region. Several eminent international and regional speakers will speak on topics and conduct sessions in their fields of expertise. The varied mix of lectures, symposia, workshops and poster sessions has been carefully selected to ensure a stimulating and wide-ranging Scientific Programme.

A Trade Exhibition has been organized in conjunction with the Congress where booths will showcase state-of-the-art medical laboratory equipment and diagnostic aids.

May I wish all delegates an intellectually stimulating and productive meeting, and hope you have the professional and personal experience of a lifetime. I would also like to take this opportunity to wish the Congress every success. Our sincere congratulations to all.

Thank you.

Eddie Ang, PhD
Chairman

Asia Association of Medical Laboratory Scientists (AAMLS)





MESSAGE FROM THE MIMLS PRESIDENT



Dear fellow colleagues and invited participants,

I am truly honoured to welcome all of you to the 7th Congress of AAMLS, which is being held in conjunction with the 32nd National Scientific Conference of MIMLS. This Congress is a biennial event of the Asia Association of Medical Laboratory Scientists (AAMLS), which was founded on May 14, 1997 in Nagoya, Japan, representing medical laboratory scientists from 13 different Asian countries and regions. The first AAMLS Congress was held in Kuala Lumpur in 2001, followed by congresses in Shanghai, Yokohama, Singapore, Yogyakarta, Busan and Pattaya. The AAMLS has once again entrusted MIMLS with the privilege to host the AAMLS Congress and we are excited to welcome our Asian colleagues back to Kuala Lumpur after more than two decades since the first congress was held in the same city.

On behalf of MIMLS, I would like to extend this invitation to all of our colleagues and friends to join us in making this Congress enjoyable, educational, and unforgettable. Kuala Lumpur, located at one of the world's most important crossroads, is a vibrant and cosmopolitan city where tradition and modernity coexist harmoniously with many historical sites, natural diversity, beaches, virgin rainforests, and traditional Malaysian arts. Furthermore, there are numerous types of accommodations available, ranging from luxurious 5-star hotels to dainty boutique guesthouses, all strategically located near popular places of entertainment and dining. Malaysia is also a cultural melting pot with friendly people, diverse cultures, delectable cuisine, robust development, hyper-connectivity, distinct demographics and progressive policies that combine to make Malaysia a paradise for investors, innovators and tourists alike.

The 7th Congress of AAMLS aims to promote the exchange of knowledge, ideas and information among laboratory professionals on the most recent developments and emerging technologies in medical laboratory science. We have planned an exciting scientific programme, social programme and trade exhibition featuring cutting-edge medical laboratory equipment and diagnostic aids from leading manufacturers, suppliers and specialists. We hope that members and friends will use this opportunity to stay up to date and catch up with colleagues.

Selamat datang (welcome) and see you in Malaysia this October!

Harvinder Kaur Lakhbeer Singh
President
Malaysian Institute of Medical Laboratory Sciences (MIMLS)



CONGRESS OVERVIEW

Congress Title	7 th Congress of Asia Association of Medical Laboratory Scientists (AAMLS) in conjunction with the 32 nd National Scientific Conference of MIMLS
Date	9 October (Monday) to 12 October 2023 (Thursday)
Venue	World Trade Centre Kuala Lumpur, Kuala Lumpur, Malaysia
Hosted By	Malaysian Institute of Medical Laboratory Sciences (MIMLS) under the auspices of Asia Association of Medical Laboratory Scientists (AAMLS)
Expected Number of Participants	1,000 participants from various countries across Asia
Language	English
Official Website	www.mimls.org/aamls2023
Secretariat	Malaysian Institute of Medical Laboratory Sciences (MIMLS) 1-5-14, Jalan Semarak Api (1/50), Diamond Square Commercial Centre, Off Jalan Gombak, 53000 Kuala Lumpur, MALAYSIA. Email: mymimls@mimls.org

ABOUT AAMLS

The Asia Association of Medical Laboratory Scientists (AAMLS) was inaugurated in Nagoya, Japan in 1997 representing medical laboratory scientists across Asia including Brunei, Hong Kong, Indonesia, India, Japan, Korea, Macau, Malaysia, Myanmar, Philippines, Singapore, Taiwan and Thailand.



The objectives of AAMLS are to elevate status of medical laboratory science in Asia and its neighbouring countries; to offer opportunities for exchange of information between countries; to enhance mutual understanding among medical scientists of member associations and work for mutual assistance and improvement of expertise technologies and to improve reliability on accuracy of medical laboratory tests through cooperation between countries.

The first AAMLS Congress was held in Kuala Lumpur, Malaysia in year 2001. The congress was originally held every 4 years – the 2nd congress in Shanghai, China in 2005, 3rd congress in Yokohama, Japan in 2009 and 4th congress in Singapore in 2013. It was then suggested by the AAMLS Board of Directors (BOD) that the congress to be a bi-annual event instead of every 4 years and subsequently an inaugural scientific conference of AAMLS was held in Yogyakarta, Indonesia in 2015. The 5th AAMLS congress was held in Busan, Korea in 2017 and followed by the 6th congress in Pattaya, Thailand in 2019.

In year 2018, the AAMLS BOD has entrusted Malaysia (MIMLS) with the privilege to once again host the AAMLS Congress in year 2021 (postponed to 2023 due to the pandemic). We are extremely excited to welcome the 7th AAMLS Congress and our Asian colleagues back to Kuala Lumpur, which marked 2 decades since the first congress was held in Kuala Lumpur in 2001.

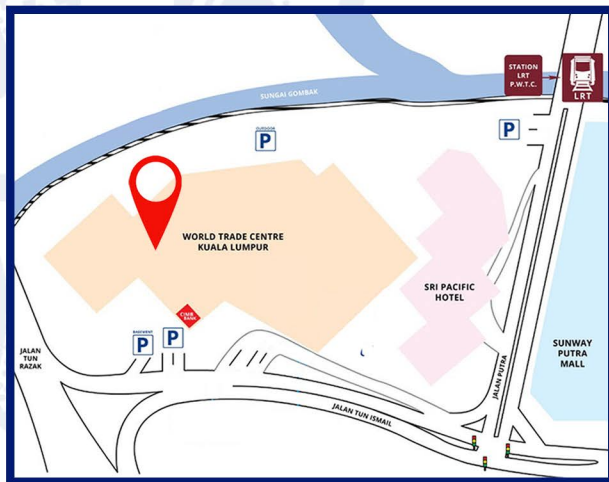


CONGRESS VENUE - WORLD TRADE CENTRE KUALA LUMPUR

World Trade Centre Kuala Lumpur (WTC KL), formerly known as Putra World Trade Centre (PWTC), is an iconic building with traditional architecture steep in custom and history. It is Malaysia's historical convention centre and the preferred venue for local and international conventions, concerts, weddings, including small events like seminar, training, and meetings.

WORLD TRADE CENTRE KUALA LUMPUR

41, Jalan Tun Ismail, Chow Kit,
50480 Kuala Lumpur, MALAYSIA.
T +60 3 2614 6999
worldtradecentrekl.com



ACCESSIBLE VIA PUBLIC TRANSPORT AND WALKING DISTANCE TO MALL AND HOTELS

Strategically located in the heart of Kuala Lumpur and next to KL's Golden Triangle, WTC KL is within walking distance of a mall, restaurants, entertainment centres and 3 to 5-star hotels. It is only 45 minutes from the Kuala Lumpur International Airport (KLIA).

Seri Pacific Hotel Kuala Lumpur is located right next to WTC KL. Sunway Putra Mall is located across the street and connected by a pedestrian bridge, which also links to the LRT and KTM Komuter stations.



LRT Sri Petaling Line / Ampang Line

2-min walking distance to **SP4 AG4 PWTC Station**

KTM Seremban Line / Port Klang Line

5-min walking distance to **KA04 Putra Station**

SUNWAY PUTRA MALL AND SUNWAY PUTRA HOTEL

Sunway Putra Mall is strategically located in the central business district of Kuala Lumpur in one of the most vibrant hubs of the city. Overlooking the World Trade Centre Kuala Lumpur, the mall enjoys superb access and provides an exciting place to shop catering to the surrounding businesses and residents with its 8 levels shopping floors. Sunway Putra Mall is part of an integrated development comprising Sunway Putra Tower (offices) and Sunway Putra Hotel.



SERI PACIFIC HOTEL

Seri Pacific Hotel Kuala Lumpur is an exclusive business hotel comprises 561 rooms of superior, deluxe, club, suites and elegantly decorated presidential suites of impeccable standards. Renowned for the convenient and strategic locations within prominent business district and connected to Kuala Lumpur iconic landmark, the World Trade Centre Kuala Lumpur and Sunway Putra Shopping Mall.



REGISTRATION FEES

	Type of Registration	Early Bird (Before 31 Aug 2023)		Regular (Before 30 Sept 2023)		On-site (After 30 Sept 2023)	
		USD	RM	USD	RM	USD	RM
AAMLS Member	Participant	170	750	210	900	260	1,140
	Student	85	375	110	480	135	600
Non-AAMLS Member	Participant	210	850	260	1,140	310	1,360
	Student	100	430	125	560	150	650
Accompanying Person		100	430	150	650	200	870
Day Registration		60	250	60	250	60	250
Pre-Congress Workshop (9 th October)		50	200	60	250		
Workshop (10 th October)		50	200	60	250		
Gala Dinner		40	150	40	150		
Laboratory Visit		15	50	15	50		

1. Registration as participant and student includes access to the entire scientific program from 10-12 October 2023 (excluding Pre-Congress Workshop, Gala Dinner and Laboratory Visit), Welcome Reception (by invitation only), Trade Exhibition, congress bag, program book and other congress materials.
2. Registration as student is only applicable for undergraduate students who upload their latest copy of academic transcript during registration.
3. Registration as accompanying person includes access to Trade Exhibition and Welcome Reception (by invitation) only.
4. Rates in Ringgit Malaysia (RM) are applicable for Malaysians only.
5. Registration cancelled before 30th September 2023 is eligible for 50% refund of the registration fees paid. Registration cancelled after 30th September 2023 is not eligible for any refund.



REGISTER ONLINE AT:
www.mimls.org/aamls2023

CALL FOR PAPERS

AAMLS 2023 invites submission for oral / poster presentations on all aspects of Medical Laboratory Sciences that have not previously been published or presented.

Guidelines For Abstract Preparation

Language	Abstract must be written and presented in English.
Title	Title of abstract should not exceed 30 words. Do not use abbreviations in the title.
Name	The authors are to write their name as Given name, Surname/Family name (e.g. Yun Fatt, Chow; Aminah Ahmad; Bhavani Muthusamy; Francis Light). Do not include titles and degrees. Please bold the name of the presenter.
Institution	List the author's institution by department, institution, city and country.
Abstract words	Abstract is to have 200-300 words.
Abstract body	Abstract is to have an introduction/aim, method, results, and conclusion.
Abbreviations	Define the abbreviation in the first use.
Data units	Data units must be in the International System of Units (SI units).
Keywords	Keywords must not be less than 3 words and not more than 5 words. Arrange the keywords in alphabetical order.
Font	Abstract to use font Times New Roman with a font size of 12 points.
Reproduce	Abstract reproduced will be as is submitted with no editing. The author is responsible for all spelling, grammatical or scientific errors.
Conflict of interest	The author must disclose conflict of interest to avoid any commercial bias.
Copyright	By submitting the abstract, the author grants the AAMLS 2023 the exclusive right to first publish the abstract and thereafter a non-exclusive right to publish, display and store the abstract in all forms, formats, and media. No fees shall be paid to the author by AAMLS 2023 for the license granted herein. The author will retain the copyright of his or her abstract as well.
Withdrawal	Authors who wish to withdraw their abstract must send a written request to the Scientific Committee at mimlsabs09@yahoo.com

ABSTRACT SUBMISSION

Use the following excerpt as a format guide:

INVESTIGATION OF THE CHROMOSOME 6 INSTABILITY AND THE MAPK SIGNALING PATHWAYS IN HUMAN OSTEOSARCOMA

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⁴ Mohamad Zulkarnaen Ahmad Narihan

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*Presenter's email: mmhamdi@fmhs.unimas.my

Abstract

Osteosarcoma is the most common primary malignancy of bone with worldwide incidence of 2 to 3 million/year. This tumour usually develops at distal part of fast growing bone and associated with instability of chromosome 6. Despite that, the preceding molecular mechanism leading to the instability is not fully known. Following the local ethical committee review, from a total of 30 cases within 7 years period (from October 2008 to October 2015). The study aimed to investigate the copy number of gene encoding vascular endothelial growth factor (VEGF) located at chromosome 6p21 using Fluorescence In Situ Hybridization (FISH) and the general chromosomal instability as indicated by micronuclei formation. In addition, VEGF, Hypoxia inducible factor (HIF) and p53 diagnostic immunohistochemistry (IHC) staining were performed as to investigate relationship of hypoxic stress and tumour growth suppress. Furthermore, the mitogen activated protein kinase (MAPK) cellular proliferation pathway molecules; ERK, p38 and JNK IHC were also examined. Our findings showed VEGF expression at both protein and gene level (6p21) indicating likelihood of neovascularization. On top of that, expressed ERK, p38 but not JNK; and expressed HIF & p53 in those cases suggest tumour cell survival by evading the natural cell death program, apoptosis. In conclusion, this study presented a possible molecular mechanism underlying chromosomal instability in human osteosarcoma.

Keywords: Osteosarcoma; mitogen activated protein kinase; chromosomal instability; 6p21

ABSTRACT REVIEW AND SELECTION

Authors are encouraged to submit full paper and if selected by the Editorial Board, will be published as proceedings in the Malaysian Journal of Medical Laboratory Sciences (MJMLS).

The AAMLS 2023 Scientific Committee reserves the right to select papers relevant to the session. Presenters may present papers without having their papers published in congress proceedings or MJMLS.

IMPORTANT DATES

Abstract Submission Deadline	30 July 2023
Presenter Registration Deadline	31 August 2023
Presentation File Submission Deadline	8 September 2023



TO SUBMIT AN ABSTRACT:

Register for the Congress and login using your registered email address to upload your abstract online under '**Abstract Submission**' section (My Page)

PROGRAM AT A GLANCE

MONDAY, 9TH OCTOBER

TIME	TUN DR. ISMAIL HALL A	TUN DR. ISMAIL HALL B	TUN HUSSEIN ONN HALL A	TUN HUSSEIN ONN HALL B	TUN RAZAK HALL 4
12:00-13:30	Registration of Delegates and Lunch				
13:30-17:30	Pre-Congress Workshop 1	Pre-Congress Workshop 2	Pre-Congress Workshop 3	Pre-Congress Workshop 4	Set Up for Trade Exhibition (For Trade Exhibitors Only)

TUESDAY, 10TH OCTOBER

TIME	MERDEKA HALL	TUN DR. ISMAIL HALL A	TUN DR. ISMAIL HALL B	TUN HUSSEIN ONN HALL A	TUN HUSSEIN ONN HALL B	JOHOR ROOM	TUN RAZAK HALL 4
08:00-09:00	Registration of Delegates / Arrival of Guests						
09:00-10:30	7 th Congress of AAMLS Opening Ceremony	Workshop/Session by Association	Workshop/Session by Association	Workshop/Session by Association	Workshop/Session by Association		Posters and Trade Exhibition
	Keynote Lecture						
10:30-11:00	Coffee Break						
11:00-12:30	Plenary Lecture 1 and Plenary Lecture 2						
12:30-14:00	Lunch Break						
14:00-17:30		Symposium 1: Healthcare Innovations and Technologies	Symposium 2: Disease Prevention and the Roles of Laboratory Medicine	Symposium 3: Updates in Pathology	Symposium 4: Microbiology and Parasitology	AAMLS BOD Meeting	
17:30-20:00	Welcome Reception (By Invitation Only)						

WEDNESDAY, 11TH OCTOBER

TIME	MERDEKA HALL	TUN DR. ISMAIL HALL A	TUN DR. ISMAIL HALL B	TUN HUSSEIN ONN HALL A	TUN HUSSEIN ONN HALL B	KUALA LUMPUR ROOM	TUN RAZAK HALL 4	
08:00-09:00	Registration of Delegates							
09:00-12:00	Selected Topic					Student Forum	Posters and Trade Exhibition	
	AAMLS General Meeting of Representatives	Symposium 5: Updates on Infection and Immunity	Symposium 6: Biomedical Lab Education	Symposium 7: One Health	Symposium 8: Medical Device Regulations and Point of Care Testing			
12:00-12:30		Industrial Sponsored Talk 1	Industrial Sponsored Talk 2	Industrial Sponsored Talk 3	Industrial Sponsored Talk 4			
12:30-14:00	Lunch Break							
14:00-17:00	Laboratory Visit (For Registered Participants Only)	Symposium 9: Laboratory Management	Symposium 10: AAMLS Invited Speakers	Symposium 11: Haematology and Transfusion Medicine	Symposium 12: Immunology and Clinical Chemistry	Student Forum		
17:00-17:30								
19:00-22:00	Gala Dinner							

THURSDAY, 12TH OCTOBER

TIME	MERDEKA HALL	TUN DR. ISMAIL HALL A	TUN DR. ISMAIL HALL B	TUN HUSSEIN ONN HALL A	TUN HUSSEIN ONN HALL B	KUALA LUMPUR ROOM	TUN RAZAK HALL 4
08:00-09:00	Registration of Delegates						
09:00-11:00		Symposium 13: Prospects for Medical Laboratories: The Asian Experience	Symposium 14: AAMLS Invited Speakers	Symposium 15: Precision Medicine and Genetics	Symposium 16: Updates on ISO15189 Laboratory Quality Management	Student Forum	Posters and Trade Exhibition
11:00-12:30	Announcement of AAMLS 2025 and Closing Ceremony						
12:30-14:00	Lunch and End of Congress						
14:00-16:00	MIMLS 31 st Annual General Meeting						

ABOUT KUALA LUMPUR

Kuala Lumpur, officially the Federal Territory of Kuala Lumpur, or fondly known as KL, is the capital city of Malaysia. It is one of the fastest growing cities in Asia and the largest city in Malaysia.

KL is like a colourful buffet of culture, architecture and flavours. It is a city that blends the old and the new, where towering skyscrapers share space with ancient temples, and trendy cafes serve up both traditional dishes and fusion cuisine. KL is also home to the world's 2nd tallest building - Merdeka 118 and world's tallest twin towers - Petronas Twin Towers.

KL is a place where you can immerse yourself in the hustle and bustle of the city by day, and then escape to a lush rainforest or vibrant night market by night. It is also a city where you can go from shopping at designer boutiques to bargaining for souvenirs in a street market in the blink of an eye.

But most of all, KL is a city with a heart. Malaysians are always ready to welcome visitors with open arms and big smiles. So come for the food, the sights, and the shopping, but stay for the hospitality and the fun-loving spirit that makes KL truly unforgettable!



FAST FACTS ABOUT MALAYSIA

Population 32.7 million. Malays make up approximately 55% of the population and are the predominant group, while the other 45% are made up of Chinese, Indians and other indigenous groups.



Language Bahasa Malaysia or Malay is the official language while English is widely spoken. Most Malaysians speak at least two languages, Malay and English, while some are tri-lingual, being able to converse in Mandarin or Tamil too. The indigenous groups also speak various languages and dialects.



Visa Most nationalities do not require a visa for social or business visits but must be in possession of a valid passport or travel document with six months validity beyond the period of stay.



For those nationalities that require a visa, applications can be made at the nearest Malaysian overseas mission.

For more info, please visit www.imi.gov.my

Currency Malaysian Ringgit, MYR or RM. Foreign exchange booths are common and clearly state the exchange rate for all major currencies. ATMs are widely available at major bank branches, shopping malls, airports, bus terminals, etc.



Climate Malaysia enjoys a tropical climate with warm weather all year round. Temperatures range from a low of 21°C (70°F) to a high of 32°C (90°F). The highlands are cooler with temperatures ranging from 15°C (59°F) to 25°C (77°F).



Time Zone UTC+8 **Electricity** 230/240 volts - 50Hz



Internet High speed wireless connection is easily accessible at convention centres, hotels, cafes and shopping malls, with complimentary usage at most of the locations.

