

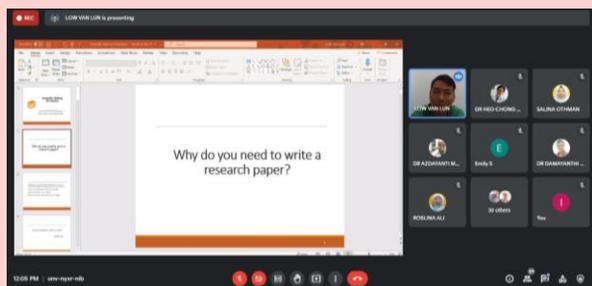
# Institute of Medical Molecular Biotechnology Newsletter



UNIVERSITI  
TEKNOLOGI  
MARA

Institut  
Bioteknologi  
Perubatan  
Molekul

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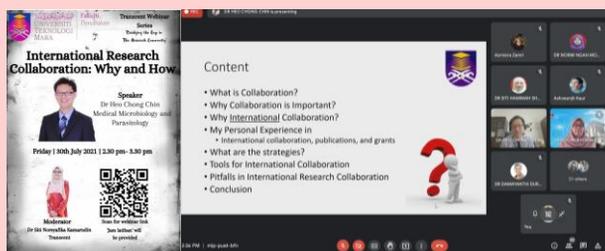
**IMMB RESEARCH TALK 2021** was conducted on 7<sup>th</sup> July 2021. The invited speaker was **Dr. Lucas Low Van Lun** from TIDREC, Universiti Malaya. He shared his knowledge with the audience on **“Tips on Scientific Writing Strategies”**. He has been involved in scientific writing for many years and thus he shared with the audience the do’s and don’t during scientific writing. In addition to that, he also shared his knowledge and experience in his current Tropical Infectious Diseases research at TIDREC.

**IMMB Journal club** was conducted on 14<sup>th</sup> July 2021. The speaker was Ms. Sarah Zulkifli, who is under the supervision of Assoc Prof. Dr. Siti Hamimah Sheikh Abdul Kadir, had presented a research paper on **“Could Maternal BPA Exposure and Methyl Donor Supplementation Hold The Future of One’s Health?”**. The reason why she chose this paper is because it was related to her current research. From her presentation, we can conclude that developmental BPA exposure during pregnancy may suppress the digestion and absorption in intestine and methyl donor can reverse these damages via DNA methylation mechanism.



The **IMMB BASIC LECTURE** was held on 28 July 2021. The invited speaker was **Ms. Aliya Ahmad Nabil** from the Mahathir Science Awards Foundation. As someone experienced in the field of writing and still active in the field of proofreading, she shared her knowledge on **“Effective Science Communication”** and taught the audience approaches to make their science communication more effective. At the end of the session, she also shared guidance to the audience on the criteria required when applying for the Mahathir Science Award and information on the International Conference on Tropical Sciences which to be held from 25 - 27 October 2021. For more information on science communication, the Mahathir Science Award Foundation and the Conference, she can be contacted through email: [aliya@msa-foundation.org](mailto:aliya@msa-foundation.org)

**INTERNATIONAL WEBINAR SERIES 09** organized by FUN Entomology Lab in collaboration with IMMB was successfully conducted on 29<sup>th</sup> July 2021. The speaker, **Dr. Meaghan Pimsler** from American Academy for the Advancement of Science (AAAS) Science and Technology Policy, National Institute of Justice in the United States Department of Justice (DOJ). The title of her presentation was **“Science Policy in the US Federal Government”**. This webinar was moderated by PhD students, Nur Adilla Zaini and Nurul Azmiera Zamri and had successfully attended by 65 participants from within and outside of the country.



**IMMB Director, Dr. Heo Chong Chin** was invited as a speaker in **TRANSCENT WEBINAR SERIES** that was held on 30<sup>th</sup> July 2021. The title of his presentation was **“International research collaboration: Why and How”**. In this talk, he shared with the audience the journey of his research, how he managed to get the collaboration with international researchers and also he shared his personal experience in obtaining research grants and publications.

# ACTIVITIES, INITIATIVES & INVOLVEMENT



**IMMB GENERAL GUIDELINES & BOOKING TIMELINE:** Having users to continue working in IMMB laboratory is critical without compromising the continued efforts in reducing the potential spread of COVID-19. This is why the attendance based on schedules and online laboratory bookings are very important. One of the main benefits of online booking is that it allows users to check the current availability and select their most convenient slot for them at any time without having to worry if it's within operation hours or not. Slot bookings with a limited number allowed per user are divided into several time periods to give the working opportunity to all users without compromising the need for physical distancing. The **IMMB GENERAL GUIDELINES & BOOKING TIMELINE** is provided to all users on a monthly basis since JUNE 2020 as a guide and reference for laboratory operations and laboratory bookings. A new proposal to improve and diversify this existing online method is currently led by Mr Mohd Yusri and Mr Hazrul Nizam who are discussing this novel initiative with Jawatan Kuasa Sistem Aplikasi Universiti. With the efforts and cooperation of various parties especially from Jabatan Infrastruktur UiTM, this system is expected to be transformed into a one-stop application that covers various research laboratory-related needs and will be used by the entire UiTM system on 2022.

**MOOC UFUTURE: IMMB BASIC RESEARCH LAB SAFETY & COMPETENCY.** IMMB continues to innovate by setting up a team to develop an online course through the MOOC UFUTURE platform with collaboration with **Dr Chua Ang Lim**. This online course, led by Mr Mohd Yusri and team, will prepare IMMB users with essential knowledge on safety and laboratory skills. The subtopics that have been selected for this course are often highlighted by students and faced by staff based on their experience as laboratory supervisors. Learning activities for this online course were contributed by each IMMB staff who is skilled and trained in their respective fields. The development of this project has been started in March 2020. This course is expected to launch with an initial batch of practical students in Sept 2021.



**UNIVERSITI TEKNOLOGI MARA**

**OVERALL EVALUATION FOR MOOC**

Course Title	Content Evaluator	JAMAL HOUSSAINI	
IMMB BASIC RESEARCH LABORATORY SAFETY & COMPETENCY	Language Evaluator	DAMAYANTHI AIP DURARAJANAYAGAM	
Course Code	IMB901	Design Evaluator	NOR HANZAH BINTI MOHD NAZERI
Developer	Chua Ang Lim	Owner	MD
Contact No		Email	anglim@utm.edu.my
MOOC Link			

#	Types of Evaluation	Evaluated By	Average Scores	%	Band	Result
1	Content of MOOC	JAMAL HOUSSAINI	72 / 80	90	4	Publish as it is.
2	Language of MOOC	DAMAYANTHI AIP DURARAJANAYAGAM	42 / 48	87.5	4	Publish as it is.
3	Design of MOOC	NOR HANZAH BINTI MOHD NAZERI	32 / 32	100	4	Publish as it is.

**Note:**  
All MOOC must obtain Band 4 for all categories to be awarded with "Approved by UiTM" stamp on MOOC banner.



MOOC Developer



0 Students

[VIEW](#)

[OPEN](#)



**A PHOTO AND RECORDING SESSION** was conducted on 27 July 2021 by Hospital UiTM to document all the efforts and role of the COVID-19 Laboratory at IMMB in curbing the COVID-19 infection and helping to reduce the burden borne by the Makmal Kesihatan Awam Kebangsaan, Kementerian Kesihatan Malaysia. This photo and recording session led by Mr Ebby Anuar and four photographers from Jabatan Komunikasi Korporat HUiTM; Nurul Shafika Md Idros, Genes Viozee Gulitah, Mohd Shahmi Imran and Azzroy Azzahary. During the session, these officers were briefed on laboratory operations by IMMB staff, Mrs Norita Salim and Mr Mohd Yusri.



**IMMB ALUMNI: Dr Nasibah Azme** is a medical lecturer in the Department of Physiology, Faculty of Medicine UiTM. She started her research work in IMMB Shah Alam back in 2009. Her research work during MSc is focused on the reproductive physiology which she acquired multiple techniques of animal works and embryo cultures.



Fast forward, she began her PhD journey at The University of Western Australia and Sir Charles Gairdner Hospital. Her PhD research work focused on targeting strategies for atherosclerosis therapy in both human atherosclerotic samples and *in vivo* ApoE-knockout mice. She is now joining the Covid Lab HUiTM at IMMB as a volunteer.



*"When you're in the situation that you need to do things which could potentially have a large impact, you just get on with it"*  
 – Prof Sarah Gilbert, who sacrificed making millions to help save millions of lives around the world with the AstraZeneca vaccine.

# Happy 64th Malaysia Independence Day



**MALAYSIA PRIHATIN**

## NEGARAKU:

The national anthem was created in 1957 to raise patriotism and love for the homeland. "Negaraku" emphasises loyalty and unity for national progress. The anthem was heard for the first time after the stroke of midnight on Aug 31, 1957 at the Selangor Club field.

## RUKUN NEGARA:

The National Principles was declared on 31 August 1970 with the main purpose of forming a strong unity. The principles contained clearly the key to harmony and unity for the sake of the success and stability of the country.

**JALUR GEMILANG:**  
Mohamad Hamzah, Public Works Department architect created it in 1949 when he won the contest that was held to design a new flag after the Federation of Malaya replaced the highly opposed Malayan Union. The flag was hoisted for the first time on May 26, 1950 at the Istana Sultan Selangor in Kuala Lumpur. The Malaysian flag was officially named Jalur Gemilang on the 40th anniversary of the country's independence, Aug 31, 1997

**Scan Me**

For More Information

## UPCOMING EVENT!

International Webinar Series 5/2021

Dr. Hiromu Kurahashi,  
International Department of Dipterology,  
Tokyo.

18th August 2021 (Wednesday)  
3PM (Malaysia time)

FUN International Webinar Series 10

Dr. Martin J. R. Hall,  
Natural History Museum London, UK.  
27th August 2021 (Friday)  
4PM (Malaysia Time)

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