

Institute of Medical Molecular Biotechnology Newsletter



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VISIT FROM DEANERIES. IMMB is proud to receive a visit from the Dean of Faculty of Medicine, **Assoc. Prof. Dr. Fazah Akhtar Hanapiah** on 7 February 2022. This visit was also attended by **Assoc. Prof. Dr. Thuhairah Hasrah Abdul Rahman**, Deputy Dean of Research and Innovation, Faculty of Medicine. The Dean had visited several laboratories and research facilities available at IMMB. During the visit, a lot of matters were discussed for improvements including the acquisition of new equipment, internationalization as well as new research niche of IMMB.



Assoc. Prof. Dr. Wang Seok Mui
Head of Dengue

Dr. Azdayanti Muslim
Head of Soil-Transmitted Helminths

Assoc. Prof. Dr. Thuhairah Hasrah Abdul Rahman

Dr. Mohamad Iqbal Kunji Mohamad

Dr. Heo Chong Chin

Dr. Umni Mohlisi Mohd Asmawi

Assoc. Prof. Dr. Fadzilah Mohd Nor

Dr. Rosnida Mohd Noh

Assoc. Prof. Dr. Noor Shafina Mohd Nor

Dr. Navindra Kumari
Head of Antimicrobial Resistance

Dr. Wan Norafikah Othman

Dr. Chen Xin Wee

Dr. Noor Fahitah Abu Hanipah

Assoc. Prof. Dr. Fadzilah Mohd Nor

Assoc. Prof. Dr. Jamal Hussaini

After going through various phases of discussion and consideration, **TROPICAL MEDICINE** has been selected as **IMMB'S RESEARCH NICHE**. The selection was based on several factors including the field's potential, capabilities, and research background of existing researchers in the Faculty of Medicine. Therefore, the IMMB Niche Members has been elected to plan, contribute and lead to research advances in this area. Thus far, 14 lecturers have participated and three main focus areas have been selected namely: Dengue, Soil Transmitted Helminths, and Antimicrobial Resistance. Note that these areas will be highlighted without sacrificing or neglecting other on-going research fields in IMMB. Application to join IMMB Research Niche is open to all academic staff of the Faculty of Medicine throughout the year.

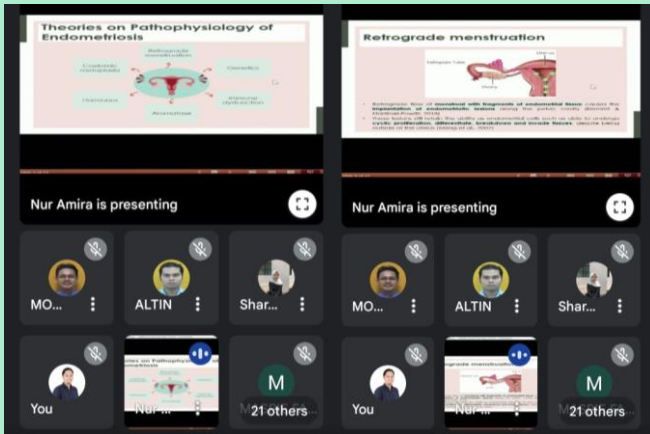


A GLIMPSE INTO THE RESEARCHER'S LIFE.

The Director of IMMB, **Dr Heo Chong Chin** has been selected by **Young Scientists Network - Academy of Sciences (YSN-ASM)** for a Video Interview Project. The recording session was conducted on 18 Feb 2022 in collaboration with **MERCK Malaysia**. The objective of this project is to provide insight to the younger generation and share an aspiration to them as a researcher.

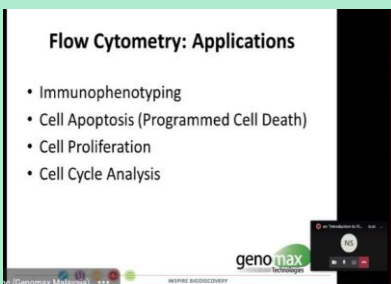
ACTIVITIES, INITIATIVES & INVOLVEMENT

IMMB BASIC LECTURE 2022 was conducted on 9 February 2022. The invited speaker was **Assoc. Prof. Dr. Muhd Firdaus Che Musa** from Kulliyah of Dentistry, IIUM Kuantan. In this lecture, he shared with the audience his expertise on the topic entitled **"Health Service Research: Ethical and Policy."** Health Services Research (HSR)'s main goals are to identify the most effective way to organize, manage, finance, and deliver high quality care; reduce medical errors; and improve patients' safety. In addition, he also touched on the types of health care practices, which are clinical practice and public health practice. This talk was chaired by Mr. Mohd Ameer Azezy Abdul Wahab and was attended by 125 participants.

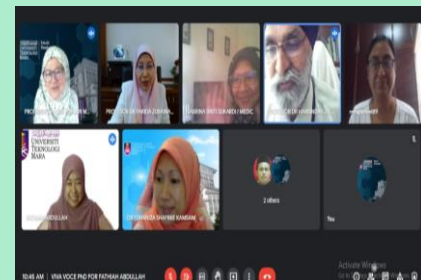


IMMB JOURNAL CLUB 2022 was held on 16 February 2022. The invited presenter was **Nur Amirah Md Amin (MSc Student)** under the supervision of Dr. Akmal Hiyam Arshad. The title of her research findings is **"Elucidating The Effect of in Vitro Treatment of Palm Oil Tocotrienol-Rich Fraction (TRF) on Endometriosis-related Pro-inflammatory and Oxidative Stress Markers."** In this presentation, she shared the potential mechanism of TRF in endometriosis. From her findings, it was concluded that TRF and ETRF treatments significantly increased the cell viability of NECs in a dose-dependent manner, while both treatments significantly decreased the cell viability of PECs at higher concentrations. This talk was chaired by Mr. Hazrul Nizam Hisham Hasmi and was attended by 103 participants.

IMMB RESEARCH TALK 2022 was conducted on 23 February 2022, with **Dr. Mohamad Ghazali Masuri** from the Faculty of Health Sciences, UiTM Puncak Alam as speaker. In this session, he shared his expertise on the topic entitled **"Human Factor and Rehabilitation: Science of Scientific Attitude and Behavior Measurement."** This talk touched on human factors and reliabilities, attitude and behavior, measurement, and research examples. From his experience, it was concluded that there are huge potential and opportunities on the attitude and behavior research among Malaysians. This talk was chaired by Mr. Azhar Ahmad and was attended by 60 participants.



IMMB TECHNICAL TALK 2022 was conducted on 22 February 2022. The invited speaker was **Mr. David Chung, Field Application Specialist** from **Genomax Technologies Sdn. Bhd.** The title of his presentation was **"Introduction to Flow Cytometry and Its Applications"**. This is an important topic to be highlighted especially to postgraduate students working with cells in their research.



"Every moment I stay in IMMB is a moment I treasure."

Assalamualaikum and Hi everyone!

My name is Azhar Bin Ahmad and I am a Senior Science Officer in IMMB. I have worked with the Faculty of Medicine since 2007 and with IMMB since 2020. I am experienced in animal stress modelling, immunohistochemistry technique, animal neurobehavior and cadaver preservation. I love data analysis and statistics. I am an easy-going person and passionate about research. I love to discover new ideas, discuss critical ideas and read new findings. In IMMB, I get the opportunity to expand my networking through engagement with internal and external researchers, students and alumni of IMMB. There are many positive cultures here, such as lead by example, esprit de corps, creative and innovative spirit, openness and transparency, freedom to speak up and many more. Every moment I stay in IMMB is a moment I treasure.

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GET TO KNOW IMMB STAFF: AZHAR BIN AHMAD

Congratulations to Ms. Fathiah Abdullah, who is under the supervision of **Prof. Dr. Nor Ashikin Mohamed Noor Khan** for passing her **PhD VIVA VOCE (MD990)** on 14 Feb 2022. Her PhD research title is **"Effect of Glutathione Administration on Testicular and Sperm Parameters in STZ-Induced Diabetic Mice"**. Throughout her PhD, she had successfully produced one manuscript, published in the Asian Journal of Andrology (2021) and seven posters for conference proceedings.

"To know how to put what knowledge in which place is wisdom (hikmah)"

- Syed Muhammad Naquib al-Attas



TROPICAL MEDICINE

IMMB NICHE'S OBJECTIVES

1

To increase the visibility of IMMB through “brand recognition”.

2

To sharpen IMMB's expertise through specialization of the determined niche.

3

To enhance IMMB's relationships with other institutions which have similar research niches.

Scan Me

UPCOMING EVENT!

IMMB INTERNATIONAL WEBINAR SERIES 01/2022

Prof. Dr. Samy A. Azer,
King Saud University, Riyadh.
2PM, 14 March 2022.

IMMB RESEARCH TALK

Dr. Ida Hasni Shaari,
Centre Of Physiotherapy, Faculty of Health Sciences UiTM.
12PM, 23 March 2022

BULLETIN 'S EDITORIAL TEAM: EDITORIAL ADVISOR - DR HEO CHONG CHIN. EDITOR IN CHIEF - MOHD YUSRI. CONTENT EDITOR - ROSLINA ALI-SITI NUR NABILAH. LINE EDITOR - SARAH ZULKIFLI.

