

Institute of Medical Molecular Biotechnology Newsletter



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CONGRATULATIONS! Heartfelt wishes for the new Dean of the Faculty of Medicine, **Associate Professor Dr. Fazah Akhtar Hanapiah**. Over the 25 years of working experience in multiple disciplines of medicine in various hospitals in Ireland, the United Kingdom and Malaysia, she had founded the Rehabilitation Medicine Department at the Faculty of Medicine, UiTM and later became the faculty's Deputy Dean for Research & Innovation. In the private sector, she was once appointed as the President and Consultant Rehabilitation Physician at Daehan Rehabilitation Hospital in Putrajaya. AP Dr. Fazah Akhtar officially took office as the Dean starting on Jan 1, 2022.

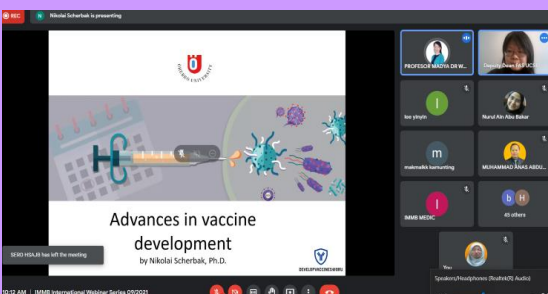


CONGRATULATIONS! The Director of IMMB, **Dr. Heo Chong Chin** (Project Leader) and **Dr Tania Ivorra** (Postdoctoral Scholar) on securing **DANA PENYELIDIKAN PADANAN ANTARABANGSA (MYPAIR) MALAYSIA-SPAIN INNOVATING PROGRAMME- (MYSIP) 2020** with a total fund of RM350,200.00.



IMMB INTERNATIONAL WEBINAR SERIES 09/2021 was successfully conducted on 16 December 2021. The invited speaker was **Dr. Leony Hartiadi** from **Indonesia International Institute for Life Sciences (i3L)**. She had shared her new findings and research experience on **"Herbal Medicine Development for Neurological Disorders"**. She also shared her ongoing research update on anti-Alzheimer's activity and herbal extracts (coriander leaves) which contain various antioxidant compounds. This talk was moderated by AP. Dr. Crystale Lim Siew Ying from UCSI University and was attended by 45 participants.

IMMB Journal Club 2021 was conducted on **8 December 2021**. The invited speaker was **Dr. Mimi Sophia Sarbandi (UiTM Tapah)**. She was under the supervision of Prof. Dr. Nor Ashikin Mohamed Noor Khan. She had shared her PhD research finding on **"The Effects of Maternal Supplementation of Vitamin E on Murine Embryo Culture and Vitrification Outcomes"**. From her findings, it was concluded that maternal supplementation of vitamin E (60mg/kg body weight) per day adversely affect the quality and viability of both non-vitrified and vitrified murine embryos. This talk was chaired by Mrs. Ummu Fatin Maghfirah and was attended by 30 participants.



IMMB INTERNATIONAL WEBINAR SERIES 08/2021 was successfully conducted on 10 December 2021. The invited speaker was **Associate Professor Dr Nikolai Scherbak** from **Örebro University, Sweden**. He shared with the audience his expertise on the topic entitled **"Advances in Vaccine Development"**. Vaccinology evolves from the classical approach of just mimicking a pathogen to technology-driven vaccine development against novel vaccine targets and creating personalized vaccines. This talk was moderated by Assoc. Prof. Dr. Wang Seok Mui and was attended by 65 participants.

ACTIVITIES, INITIATIVES & INVOLVEMENT

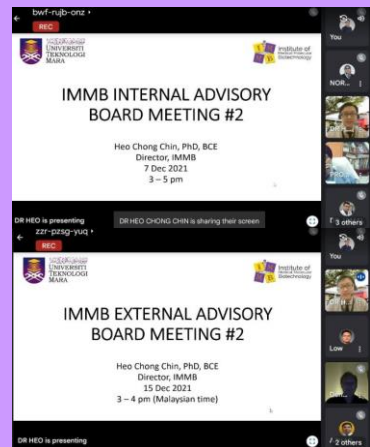


VIRTUAL JUNIOR SCIENTIST DAY-CSI 2021. This is IMMB's first virtual program (headed by **Dr. Ummi Mohlisi Mohd Asmawi**) and was successfully conducted in collaboration with Jabatan Pendidikan Perubatan (**DoME**), Faculty of Medicine, UiTM on 22 December 2021 via the Zoom platform. We had received 218 participants from the age 7 to 12 years old from all over Malaysia including Sabah and Sarawak. In this workshop, the participants were guided on solving a forensic case given by applying the knowledge that has been taught through the sections provided, namely DNA section, blood components, entomology, and fingerprint.

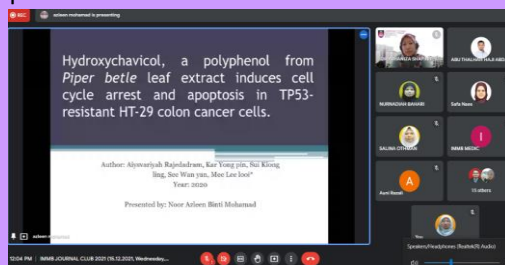


IMMB JOURNAL CLUB 2021 was conducted on 1 December 2021. The invited presenter was **Ms Khairiyah Binti Murad (MSc Student)**. She is under the supervision of **Dr. Hassanain Al-Talib**. She had shared her review on a research paper entitled **"Review: The role of Tetraspanins in Bacterial Infections."** Two assessors, **Dr. Nurul Alimah Binti Abdul Nasir** and **Dr. Nurul Raudzah Adib Ridzuan** were invited to share their comments and knowledge on the shared topic. This talk was chaired by **Mr. Mohd Ameer Azeedy** and was attended by 21 participants.

MEETING WITH IMMB EXTERNAL AND INTERNAL ADVISORS. We were very honoured to have the second meeting with **IMMB Internal Advisors** on 7 Dec 2021 and **IMMB External Advisors** on 15 Dec 2021. We had shared our progress on the new research niche and recent activities towards the establishment of this institution. A lot of matters were also discussed for IMMB improvements including commercialization as well as research collaborations and activities. The outputs of these discussions and its progress will be presented in 6 months time.



IMMB JOURNAL CLUB 2021 was conducted on 15 December 2021 with **Noor Azleen binti Mohamad (MSc Student)** as the presenter. She had shared her review on a research paper entitled **"Hydroxychavicol, a polyphenol from Piper betle leaf extract, induces cell cycle arrest and apoptosis in TP53-resistant in HT-29 colon cancer cells."** This paper was published in 2021 in the Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology). This talk was chaired by **Mr. Azhar Ahmad** and was attended by 25 participants.



GET TO KNOW IMMB STAFF:

SITI NUR NABILAH BINTI HUSSIN

"Assalamualaikum and hello everyone! Since my name is quite long, you can call me Nabilah. I earned a Bachelor of Science (hons.) in Applied Chemistry from UiTM Arau, Perlis in year 2020. During my studies, I am working on a natural product for my final year project (FYP) entitled Essential Oil of Extracted Citrus Aurantifolia Peels as Potential Perfume is the title of my FYP. I was also part of the committee for the Applied Chemistry Association's (ACA) Annual Dinner and Chemists' Day Out. Back in 2017, I received a Diploma in Science from UiTM Tapah, Perak. Now, I'm working as an Operation Assistant (clerk), and I'm looking forward to learning new skills and gaining significant experience in IMMB, Faculty of Medicine, UiTM."



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IMMB YOUNG RESEARCHER MEETING was held on 27 December 2021. The meeting involved young researchers among lecturers from the medical faculty to identify any issues and challenges face by young researchers while working in IMMB. Among the topics discussed were: access to the information on the availability of equipment, chemicals, and research consumables at IMMB. This information is important to facilitate research planning and grant procurement in the future.

"There are far better things ahead than any we leave behind" - Clive Staples Lewis

Happy New Year 2022

Wishing you a fresh start with renewed energy and confidence throughout the year.

Scan Me



UPCOMING EVENT!

IMMB RESEARCH TALK

'Genetics of the Malays, and its Medical Implications'

Prof. Dr. Hoh Boon Peng,
UCSI University.

12PM, 26 January 2022 (Wednesday)

IMMB BASIC LECTURE

'Health Service Research: Ethical & Policy,

Dr. Muhd Firdaus Che Musa,
International Islamic University Malaysia.
12PM, 9 February 2022 (Wednesday)

BULLETIN 'S EDITORIAL TEAM:

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