

Institute of Medical Molecular Biotechnology Newsletter



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MAJLIS JAMUAN HARI RAYA AIDILFITRI IMMB, FACULTY OF MEDICINE was held on 9th May 2024 at IMMB. The celebration was jointly organized by **Medical Postgraduate Association (MediPA)** and **Lab Animal Care Unit (LACU)** to celebrate the Aidilfitri festival, foster community spirit, and strengthen relationships. The reception started at 10:30 a.m. with an opening speech by **Mr. Mohd Yusri Idorus** and a prayer recited by **Mr. Amir Muhaimin Akmal Shukri**. Various dishes were prepared and donated by the organizers and generous individuals. The variety of food was enjoyed by those present while chatting and performing songs. In addition, there were also presentation awards given during the event. Apart from the Deputy Dean of Research & Innovation of the Faculty of Medicine UiTM, **Prof. Dr. Anis Safura Ramli**, and the director of IMMB, **Assoc. Prof. Dr. Heo Chong Chin**, the event was also attended by **Assoc. Prof. Dr. Jamal Houssaini**, **Assoc. Prof. Dr. Wang Seok Mui**, and **Prof. Dr. Mohd Yusmiaisidil Putera Mohd Yusof**, Director of I-PPerForM. The event successfully gathered around 150 staff and students of the UiTM Sg. Buloh Campus and was emceed by Ms. Nur Amira Dol Ramli and Ms. Lailatul Nadhirah Asri, both are postgraduate students of the Faculty of Medicine.

IMMB BEST STUDENT AWARD. The Institute of Molecular Medical Biotechnology (IMMB) proudly announces the winners of the IMMB Best Student Awards on 9th May 2024 during the Majlis Jamuan Hari Raya. This year, we are delighted to honor **Ms. Khairiyah Murad**, supervised by **Dr. Hassanain Al-Talib**, as an outstanding student in the Master's student category. In the Doctoral student category, we are proud to recognize **Ms. Rahayu Zulkapli**, supervised by **Prof. Datin Dr. Hapizah Mohd Nawawi**, as the winner. The award aims to recognize the research achievements of students from the Faculty of Medicine, their active involvement, and contributions to IMMB and the MediPA. Furthermore, it seeks to enhance students' experiences in management, leadership, and communication, thereby preparing them for careers and journey after graduation. Congratulations to Khairiyah and Rahayu for their remarkable achievements. We hope their success will inspire other students to pursue excellence in their research journeys.



PhD VIVA VOCE: Congratulations to **Zulaika Roslan**, who is under the supervision of **Assoc. Prof. Dr. Sharaniza Ab Rahim** and co-supervised by **Assoc. Prof. Dr. Mudiana Muhamad**, for successfully passing her **PhD VIVA VOCE** on 24th May 2024. Her PhD thesis entitled "**Investigation of the Integrin Glycosylation Inhibition on Low-Density Lipoprotein Receptor-Related Protein 8 (LRP8) Expression Through WNT Pathway in Osteosarcoma (OS) Cell Line**". She passed her PhD viva with minor correction. Throughout her PHD studies, she authored two papers and was awarded a USD1,000 travel grant from the **Korean Society of Medical Oncology (KSMO)**.

ACTIVITIES, INITIATIVES & INVOLVEMENT



MSc VIVA VOCE: Congratulations to **Abdul Rahman Kazim**, who was under the supervision of **Assoc. Prof. Dr. Heo Chong Chin** and co-Supervised by **Assoc. Prof. Dr. Jamal Housseini** and **Prof. Dr. med. Dennis Tappe** (Germany) for successfully passing his **MSc VIVA VOCE** on 31st May 2024. The title of his MSc research is "**Identification of Ticks and Tick-Borne Pathogens From Selected Ruminant Farms in Peninsular Malaysia**". Throughout his MSc studies, he managed to published 10 publications on ticks and lice.

VISIT & IMMB INTERNATIONAL RESEARCH TALK. 16th May 2024, IMMB was honored to host Ms. Sabrina Hayati (MSc) from the Biochemistry Department of **Fakultas Kedokteran Universitas Abdurrah, Pekanbaru, Indonesia**. During her visit, Miss Sabrina gave a talk titled "**Detecting Cancer Early Using a Protein Biomarker Assay with Aptamer-Antibody Sandwich Technique**". She shared her experience in developing a method to detect cancer through proteins. A total of 32 participants attended her talk, where she was able to provide insights to IMMB students and staff.



The **IMMB RESEARCH TALK 2024**, held on 23rd May 2024, featured **Dr. Abby Kimpton Jones**, a **postdoctoral researcher** under the supervision of **Assoc. Prof. Dr. Heo Chong Chin**, presenting her research entitled "**Reduction of Industrial Sludge using Fresh Waste Pretreatment with Black Soldier Fly (Diptera: Stratiomyidae: Hermetia illucens)**". The lecture, which was chaired by Assoc. Prof. Dr. Heo Chong Chin, drew in 19 participants. Dr. Jones shared her experience conducting research in Malaysia, marking this as her final face-to-face presentation before returning to the USA after her two-year post-doc contract in IMMB.

The **IMMB JOURNAL CLUB** continued on 29th May 2024, featuring a presentation by **Nurul Fathiyah Zaipul Anuar**, a postgraduate student under the supervision of **Dr. Navindra Kumari Palanisamy** and co supervised by **Assoc. Prof. Dr. Jamal Houssaini**. In this talk, she shared her research work titled "**Extraction of Extracellular Membrane Vesicles (EMVs) from *Streptococcus pneumoniae* using Ultracentrifugation, Ultrafiltration and Iodixanol Gradient Fractionation**". Her study aimed to optimize a method to extract EMVs from *Streptococcus pneumoniae* which could be used as a potential vaccine candidate. This journal club talk attracted 14 attendees and was chaired by Ms. Siti Aisyah Mokhtar, Assistant Science Officer of IMMB.



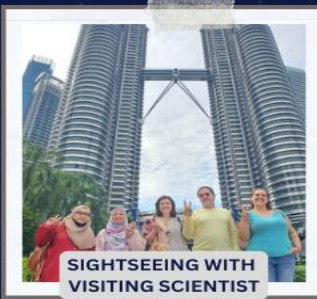
The **ELISA SUPPORT WORKSHOP** co-organized by IMMB and Primanexus Sdn. Bhd. was successfully conducted on 21st May 2024. This workshop consisted of a lecture and a series of laboratory work led by **Dr. Ramya Dewi** and **Ms. Nurafifah** from **Primanexus** and assisted by **Mr. Mohd Yusri Idorus** as facilitator. This workshop was carried out to give the participants experience and hands on in ELISA steps and calculation, experimental techniques, troubleshoot, quality control, practical application and data analysis. Participants were also explained about the principles of antigen-antibody interaction that lead to protein detection in the ELISA method. This hands-on workshop was successfully attended by 25 participants from UiTM Sg. Buloh Campus and Puncak Alam Campus.

MediPA CAREER FORUM 2024: Congratulations to MediPA for successfully organizing the postgraduate career forum on 27th May 2024. The event featured Faculty of Medicine alumni, **Ts. Dr. Mohammad Syukur Md Noh** from B. Braun Medical, **Dr. Danial Effendy Goon** from Novo Nordisk Malaysia, and **Ts. Dr. Muhammad Zulfiah Sadikan** from Manipal University College Malaysia, as invited speakers. They shared their real-life experiences and career journeys. Participants enjoyed engaging sessions where speakers covered important topics like job opportunities and career paths after earning Master's and Doctoral degrees. They also discussed their roles in academia and their contributions to pharmaceuticals and medical technology. The forum provided valuable networking opportunities with professionals from different fields, allowing participants to gain insightful lessons from their expertise.



"Doing the best at this moment puts you in the best place for the next moment." — Oprah Winfrey

Thank You &
All The Best,
Dr. Abby Jones!



SIGHTSEEING WITH
VISITING SCIENTIST



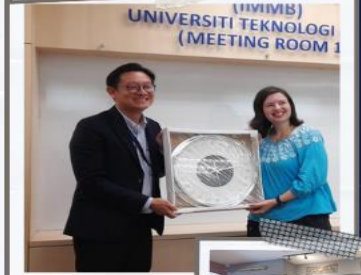
WORKSHOP WITH NATIONAL
UNIVERSITY OF SINGAPORE, 2023



FAREWELL PARTY
DR. ABBY

To IMMB & the Faculty of Medicine,
I am so grateful to have had the opportunity to spend the last two years working in IMMB. I had many experiences getting to work with staff and students on research projects as well as Junior Scientist Days, workshops, and teaching. I met so many people from different countries and got to travel to many new places, more than I ever have before. I have been so grateful to meet so many people and learn from them, from both staff and students alike. The things I have learned will, without a doubt, aid in my next journey. Coming to Malaysia by myself from the United States was very challenging, but those I met at IMMB, and the Faculty of Medicine made the transition so much easier. I felt very accepted and welcomed there. I am already missing Malaysia as I am now back home in the US. I hope some day soon I will have the opportunity to come back again. I would love to see so many people again as well as try all the Malaysian food that I am already missing. I am so grateful to all who made my two years in Malaysia so memorable and so happy. Thank you.

Sincerely,
Abby Kimpton Jones
Postdoctoral Scholar



(IMMB)
UNIVERSITI TEKNOLOGI
(MEETING ROOM 1)



LUNCH WITH FUN ENTO
MEMBER



NASI LEMAK MADE BY
DR.ABBY FOR HER FAMILY
@ USA



JUNIOR SCIENTIST DAY
2022 & 2023



WORKSHOP WITH
VISITING SCIENTIST
DR. JEFFEREY D. WELLS



WORKSHOP WITH NATIONAL
UNIVERSITY OF SINGAPORE, 2024

Scan Me



FORENSIC ENTOMOLOGY WORKSHOP

Date :
2nd & 3rd July 2024 - Workshop
4th July 2024 - Certificate Test (Optional)
Time :
0800 am - 1600 pm
Venue :
Faculty of Medicine,
UiTM Sungai Buloh Campus,
Selangor, Malaysia.

ELIGIBLE FOR
16
CPD
POINTS

Registration Fees:

UiTM Student : RM 650
Local (Malaysia): RM 750
International: RM 850
An additional fee (50 USD) is required for the American Board of Forensic Entomology (ABFE) certification test that will be held on 4th July 2024 (Optional). Payable to American Board of Forensic Entomology (ABFE).

This event includes:

- Introduction to Forensic Entomology and Field Work
- Interactive Lectures and Labworks
- Applications of Forensic Entomology
- Crime Scene Investigation (CSI) Case Studies

For more inquiries,
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registration

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FOLLOW, LIKE & RETWEET



BROWSE & EXPLORE



LIKE, SUBSCRIBE & SHARE