

Institute of Medical Molecular Biotechnology Newsletter



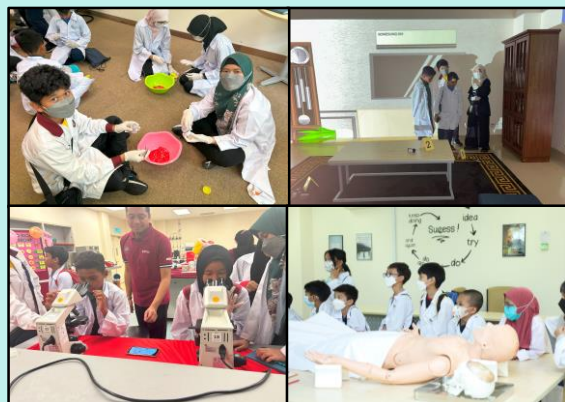
UNIVERSITI
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Molekul

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IMMB 2023 STATS	INTERNAL & EXTERNAL ADVISORY MEETING 2	RESEARCH TALK & BASIC LECTURE 9	TOWNHALL WITH STUDENT & SUPERVISOR 2	SEMINAR HALA TUJU & PERANCANGAN STRATEGIK IMMB 2023/2024 1	COMMUNITY PROGRAM : JUNIOR SCIENTIST DAY & BUBUR LAMBUK 2
2 INTERNATIONAL VISITING SCIENTIST & PROFESSOR	TECHNICAL & SAFETY TALK 12	4 RAMADAN TALK	APRECIATION & EID FEAST 2	MOU & MOA 2	VISIT TO IMMB 19
11 INTERNATIONAL WEBINAR SERIES	8 JOURNAL CLUB	3 ONE-TO-ONE TRAINING	6 WORKSHOP & DEMONSTRATION		

In 2023, IMMB conducted various activities in research, knowledge sharing, and internationalization. These included research outcome sharing through **IMMB JOURNAL CLUB** with postgraduate students and industry trainees as speakers. **IMMB BASIC LECTURE** facilitated expertise sharing by both internal and external lecturers. High-impact research-sharing occurred through **IMMB RESEARCH TALK**, involving both internal and external speakers. Internationally, IMMB fostered global connections through the **IMMB VISITING SCIENTIST PROGRAM**, signing two **MoU & MoA agreements**, and hosting **IMMB INTERNATIONAL WEBINAR** sessions with experts from Spain, Thailand, and Australia. For skill development, IMMB organized **IMMB TECHNICAL TALK**, **LABORATORY WORKSHOP AND DEMONSTRATION** sessions, and **SAFETY TALKS**. **ONE-TO-ONE LABORATORY HANDS-ON TRAINING** drew external participation as a service provided by IMMB. Motivation was maintained through four **RAMADHAN TALKS**, a **SEMINAR HALA TUJU & PERANCANGAN STRATEGIK IMMB 2023/2024**, appreciation ceremonies, and festive gatherings. Not to be left out, the community program, the annual **IMMB JUNIOR SCIENTIST DAY-CSI**, was also successfully organized recently. Anticipating 2024, IMMB has exciting plans for students and researchers. Stay tuned for more enriching activities!



IMMB JUNIOR SCIENTIST DAY – CRIME SCENE INVESTIGATION (CSI).

The flagship community program of IMMB was successfully conducted by staff and postgraduate students from the Faculty of Medicine on the 19th and 20th of December 2023. This time, the given forensic case, crafted and spearheaded by **Dr. Tania Ivorra**, a research fellow at UiTM Faculty of Medicine, offered a captivating twist. **Dr. Noor Fahitah Abu Hanipah**, acting as chairperson, led discussions among experts in forensic and molecular medicine to shape the program's content around the provided case, ensuring a relevant and engaging experience for participants. This program featured eight interactive sections, including the Crime Scene Investigation Station, Fingerprint Analysis, Forensic Entomology, Forensic Pathology-Autopsy, Forensic Odontology, Hematology, DNA Analysis, and Fire & Forensic Rescue.

Throughout the program, participants were guided to solve a designated forensic case by postgraduate facilitators and experts from invited professionals—the **Royal Malaysia Police (PDRM)**, the **Fire and Rescue Department of Malaysia (BOMBA)**, **Al-Sultan Abdullah Hospital**, the **Faculty of Dentistry UiTM**, and the **College of Arts UiTM**. Over two days, 159 participants, aged between 7 and 12 years old, including 20 people from Teratak Che Dah Orphanage and Damai Kuang Hostel, tested their new skills by solving immersive forensic scenarios. By involving participants in various scientific areas, this initiative and community program provided essential skills and inspired a young generation about science and its practical uses. Finally, the program is expected to play an important role in practical learning, critical thinking, and sparking curiosity for STEM subjects, promising a future generation excited about Science, Technology, Engineering, and Mathematics.

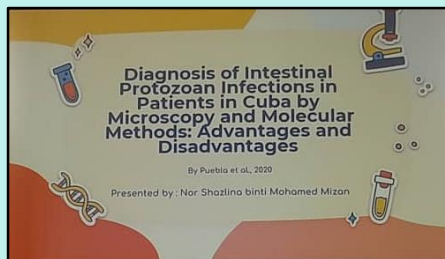


ACTIVITIES, INITIATIVES & INVOLVEMENT



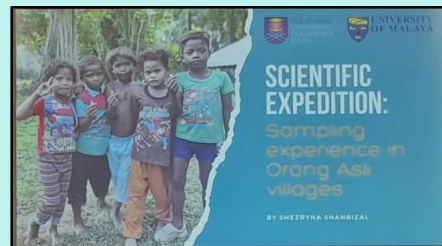
IMMB BASIC LECTURE: Dr. Norhasmira Mohammad, from the Faculty of Dentistry and Institute of Pathology, Laboratory & Forensic Medicine (I-Perform), UiTM, gave a talk on December 13th, 2023, entitled **"Harnessing The Power of Machine Learning For Medical Advancements"**. During the engaging session, she discussed the transformative impact of machine learning and AI on the healthcare industry, highlighting their role in providing innovative solutions that improve diagnosis, treatment, and overall patient care. The talk was attended by 20 participants and chaired by **Mr. Azhar Ahmad**.

Dr. Wong Sok Kuan, from the **Department of Pharmacology at the Faculty of Medicine, UKM**, shared her insights during the **IMMB RESEARCH TALK** held on December 21st, 2023. In her presentation, she discussed her experience participating in the **72nd Lindau Nobel Laureate Meeting**, a renowned forum that facilitates exchanges between Nobel Laureates and young scientists. requirements and procedures for attending the meeting. The audience was captivated during the talk as she shared requirements, application procedures, tips, captivating stories, and pictures, sparking excitement among the 25 attendees.



IMMB JOURNAL CLUB with **Ms. Nor Shazlina Mohamed Mizan** (MSc Student) under the supervision of **Dr. Hassanain Issam Yehya Talib** as the presenter, was held on December 6th, 2023. Ms. Shazlina shared her review of a research paper titled **"Diagnosis of Intestinal Protozoan Infections in Patients in Cuba by Microscopy and Molecular Methods: Advantages and Disadvantages."** This paper is directly related to her ongoing research study so she compared the data presented in the research paper with her own findings. The sharing session attracted 15 participants and was chaired by **Mr. Hazrul Nizam Hisham Hasmi**.

IMMB JOURNAL CLUB, with **Ms. Shezryna Shahrizal** (PhD Student) as the presenter, was held on December 27th, 2023. She is under the supervision of **Dr. Azdayanti binti Muslim**. She shared her research findings entitled **"Scientific Expedition: Sampling Experience in Orang Asli Villages"**, where she discussed the interaction between the Orang Asli community and their lifestyle. Additionally, she explained on the sampling techniques and the types of samples collected during the expedition. This sharing was successfully attended by around 18 participants and chaired by **Mrs. Salina Othman**.



MAJLIS APRESIASI KASIH MESRA TAHUN 2023: On December 21st, 2023, the Faculty of Medicine UiTM organized the **"Majlis Apresiasi Kasih Mesra Tahun 2023"** ceremony to acknowledge the contributions of the faculty members for their achievements in the year 2022. During the ceremony, **Assoc. Prof. Dr. Heo Chong Chin**, the director of IMMB, received three awards for his outstanding accomplishments: **"Anugerah Jaringan Industri Terbaik," "Anugerah Penyelidik Terbaik,"** and **"Anugerah Penerbitan Q1/Q2 (JCR) Terbanyak."** **Mrs. Norita Salim** was also honored with the **"Anugerah Perkhidmatan Cemerlang"** for the year 2022.

PETROSAINS, MEET THE EXPERT. On December 17th, 2023, **Assoc. Prof. Dr. Heo Chong Chin** spoke at the **"Meet the Expert (Talk)"** program at Petrosains, Suria KLCC. He delivered a compelling lecture titled **"Penguin Graveyard in Antarctica."** Additionally, interactive booths were set up for the **"Meet the Expert (Booth)"** exhibition, where **Assoc. Prof. Dr. Heo Chong Chin** and his team addressed **"How do dead penguins decompose in Antarctica?"** This booth was led by **Mrs. Adila Zaini**, a Ph.D. student, and supported by industry trainees, **Nurul Atiqah Burhanddin**, **Nurul Shafiza Mohd Nidzam**, and **Fazreen Hazirah Zulkiflee**.



SPOTLIGHT: RECENT MEDIA COVERAGE. On December 13th, 2023, **Assoc. Prof. Dr. Heo Chong Chin** was featured on the live Chinese Mandarin TV show - **"Living Delights"** at 8TV, Sri Pentas, Bandar Utama. Dr. Heo was invited to discuss medical entomology with the public. He took the opportunity to address and talk more about maggot infestation incidents and prevention methods during this program. From this show, Dr. Heo not only brings valuable insights to a broader audience but also contributes to raising awareness about medical entomology.

"Don't let yesterday take up too much of today." — Will Rogers

2023 RECAP | BEST MOMENTS FROM ANOTHER MEMORABLE YEAR



VISIT FROM
PROF. DR. ZHANG DEJUN

ENTOMOLOGY WORKSHOP WITH NATIONAL UNIVERSITY OF SINGAPORE (NUS)



MOA BETWEEN
UITM & NUS

PROGRAM WITH UCM STUDENT



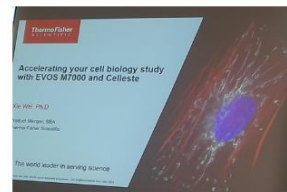
TRAINING INVERTED
MICROSCOPE

TAKZIRAH RAMADAN



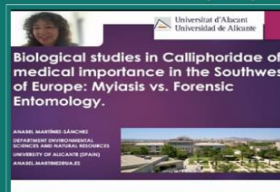
PROGRAM IHYA' RAMADAN
(MEDIPA-IMMB) - BUBUR LAMBUK

JAMUAN RAYA IMMB & FAKULTI



IMMB TECHNICAL TALK

IMMB INTERNATIONAL WEBINAR SERIES (IISWS)



IMMB INTERNATIONAL
INTERN STUDENT

BENGKEL HALA TUJU & PERANCANGAN STRATEGIK IMMB 2023/2024



THANK YOU FOR BEING AN IMPORTANT PART OF IMMB STORY



IMMB SPRING CLEANING

RESEARCH TALK



VISIT TO
DERIMBA AGRO FARM

JOURNAL CLUB



IMMB TOWNHALL

VISIT FROM UNIVERSITI MALAYSIA TERENGGANU (UMT)



LABORATORY TOUR FROM
INDONESIA

VISTING PROFESSOR & SCIENTIST



CELL CULTURE & FLUORESCENCE
IMAGING WORKSHOP

ENVIRONMENTAL FORENSIC WOKSHOP WITH MURDOCH UNIVERSITY



MOU BETWEEN UITM & MURDOCH
UNIVERSITY

JUNIOR SCIENTIST DAY 2023



Get information on our upcoming:

International Webinar | Journal Club | Research Talk | Basic Lecture | Services | Newsletter | Online Course | Workshop and everything else that you need to know about IMMB on our media social platforms.

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