

Institute of Medical Molecular Biotechnology Newsletter



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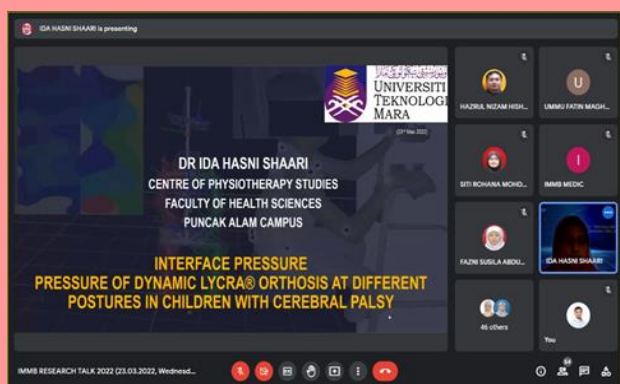
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JCHS INTERNATIONAL CONFERENCE 2022: Post-COVID Healthcare, Medical Research and Education. Congratulations to the members of the Faculty of Medicine and **Prof. Dr. Rohana Abdul Ghani**, as the Organizing Chairman, for successfully organizing JCHS2022. IMMB director, Dr Heo Chong Chin and IMMB staff, Mr. Azhar Ahmad were directly involved in organizing this event as moderators and committee members. The program was officiated by the **Minister of Health, YB Khairy Jamaluddin Abu Bakar**. In his opening remarks, he thanked IMMB, which was among the first institutions to establish the COVID-19 PCR lab in the country back in March 2020 and started the processing of the first batch of samples on 1st April 2020.

IMMB INTERNATIONAL WEBINAR SERIES was successfully conducted on 14 March 2022. The invited speaker was **Prof. Dr. Samy A. Azer** from **King Saud University, Riyadh**. He shared with the audience his expertise on the topic entitled **"Getting Your Work Published in High Impact Journals"**. He had shared with the audience beneficial and valuable knowledge. Throughout this talk, he gave tips on how to prepare a good manuscript and how to handle rejection by reducing the rejection factor. In addition, he also shared ways to avoid common mistakes. This is a very important topic, especially for postgraduate students who are working on writing a thesis. This talk was attended by 30 participants.



IMMB RESEARCH TALK 2022 was conducted on 23 March 2022, with **Dr. Ida Hasni Shaari** from the **Faculty of Health Sciences, UiTM Puncak Alam** as the invited speaker. In this session, she shared her expertise on the topic entitled **"Interface Pressure of Lycra Orthosis at Different Postures in Children with Cerebral Palsy."** The objective of this talk was to explore the interface pressure profile of the Dynamic Lycra Orthosis (DLO) over the trunk and pelvis segments during sitting, sitting-to-standing (STS) and standing in children with cerebral palsy. This talk was chaired by Mr. Hazrul Nizam Hisham Hasmi and attended by 66 participants.

SEGi UNIVERSITY VISITORS. IMMB had received eight students from **SEGi UNIVERSITY** as visitors. The visit was led by IMMB Internal Advisor, **Assoc. Prof. Dr. Jamal Houssaini**. The delegate was then greeted by the director of IMMB, **Dr. Heo Chong Chin**. During the visit, these students were presented and exposed to the activities, facilities and research environment at IMMB. At the end of the visit, students were given the opportunity to participate in the demonstration of laboratory works such as RT-PCR and DNA Electrophoresis. This session was successfully guided by postgraduate students of IMMB.



ACTIVITIES, INITIATIVES & INVOLVEMENT



INDUSTRIAL BENCHMARK VISIT. This visit took place on 31 March 2022. A total of five IMMB staff led by **Dr Heo Chong Chin**, were involved in this visit. As a leading genomic center in the field of next-generation sequencing (NGS), **AGTC GENOMICS SDN BHD** is equipped with the latest world-leading technology platforms, the Illumina NovaSeq 6000 System, to offer and deliver accurate and high-throughput sequencing services. All staff were greeted by **Prof. Dr. Chee Onn Leong**, the **CEO of ATGC Genomics** who is also an **IMMB External Advisor**. Among the focuses discussed during the visit were research collaboration and molecular diagnostic services. This visit and experience sharing was very useful as a guide to improve IMMB in the field of services and genomic research.



IMMB LOUNGE. It is ready to book and use at Level 1 IMMB. Meet up with your research collaborators, industry or business partners, or any potential students for your research projects. You may use it to meet up with your current students and talk about progress, ideas and future plans. Coffee machines are also available. This coffee machine was donated by **Dr. Siti Norsyafika** who is an IMMB alumnus. Coffee capsules are also sold here at a reasonable price. Let's come and try!

SPRING CLEANING DAY – FREEZER BAY, LEVEL 1, IMMB. This bi-annual event was conducted on 24 March 2022. All users, including postgraduate students, research assistants, and researchers, are compulsory to join this event according to the Covid-19 SOP. The cleaning process involved removing unnecessary ice clots to ensure the optimized use of freezer spaces. This allows more samples to be stored, more organized, and easily accessible. In addition, the shelf life of samples and freezers can be theoretically extended due to the optimal freezing process. This event was conducted and supervised by IMMB staff, **Mr. Mohd Ameer Azezy Abdul Wahab**.



ONE TO ONE TRAINING: WESTERN BLOT. This training was conducted from 21 to 23 March 2022. On the first and second days of this training, participants were trained one-to-one, starting from the theory and basic principle of each laboratory step, followed by hands-on laboratory work. On the second and third days, participants had the opportunity to conduct their own experiments under the supervision of the trainee, followed by troubleshooting and analysis of the results. During these 3 days of training, participants had the opportunity to discuss and consult on research design and cost review for the procurement process of materials related to the method. This intensive training was conducted within a small group of participants to maximize the impact. This allowed participants to be able to repeat and establish the learned methods in their respective labs. Stay tuned for more such trainings in the near future!

"You are never too old to set another goal or to dream a new dream"

– C.S. Lewis



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Upcoming Event

Ramadhan 1443H



*"Ramadan Berkah,
Taqwa Meningkat"*
12 April, 11.30 am
*"Andai Ini Ramadan
Terakhir"*
26 April, 11.30am
Ustazah Nor
Adibah Roza'in.
Winner of Da'i 2013



*"How to critically
appraise a
research article?"*
13 April, 12 pm.
Dr. Norhafiza
Razali.
Faculty of
Medicine UiTM



*"Al-Quran
Mendidik
Hati dan Peribadi"*
To Be Announced
Ust Mohd Yusof
Arbain.
Finalist Pencetus
Ummah Season 2



*"Designing Genomic
Studies for Basic and
Translational
Research"*
21 April, 12.00 pm.
Prof. Dr. Leong Chee
Onn.
CEO of AGTC
Genomics Sdn Bhd.



"Geosciences and Health Mapping"
27 April, 12 pm.
Assoc. Prof. Sr. Gs Dr. Nurul
Hazrina Idris.
Fakulti Geoinformasi
Dan Harta Tanah UTM

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

GET TO KNOW STAFF : ROSLINA ALI



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Assalamualaikum and Hello Everyone! Thank you for giving me this great opportunity to introduce myself. I am Roslina and I have been working in IMMB as an Assistant Research Officer since 2012. In the first few years, I was entrusted to manage the Natural Product Laboratory, and this was based on my experience during my study back in 2010. In 2018, I was given the opportunity to manage the Entomology & Parasitology Laboratory even though I don't have a strong background in that field. Thanks to Dr. Heo Chong Chin and his team for their knowledge and support. Since then, I have learned a lot in this field. During the 10 years of working here, I have had wonderful experiences and knowledge, including attachments at other institutions and attending conferences to present my research work. My long-term goal is to gain as much knowledge and work experience as possible in the research field. In addition, IMMB also gives me the opportunity to improve myself. I hope this experience and knowledge can contribute to the improvement of my workplace and community.

WELCOME TO IMMB!



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.