

# Institute of Medical Molecular Biotechnology Newsletter



UNIVERSITI  
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Perubatan



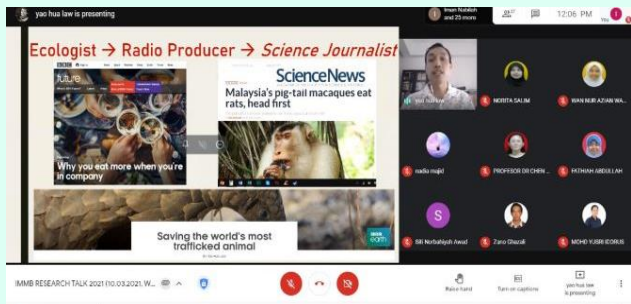
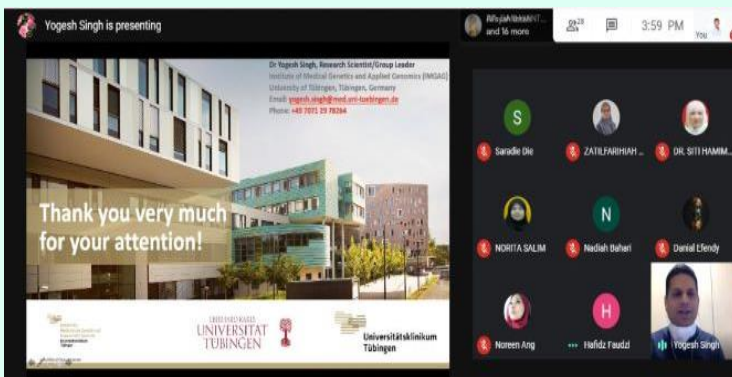
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A SITE VISIT by Prof Dr. Wong Tin Wui on 5 March 2021 was held to discuss further collaboration. In addition to serving as head of Non-Destructive Biomedical and Pharmaceutical Research Center, Faculty of Pharmacy, UiTM, he was also the editorial board member of Asian Journal of Pharmaceutical Sciences, Associate Editor of Drug Design, Development and Therapy, Regional Editor of Current Drug Delivery, and Co-Editor-in-Chief of Recent Patents on Drug Delivery and Formulation.

## IMMB INTERNATIONAL WEBINAR SERIES 02/2021.

Our second international webinar series was conducted on 23 March 2021. The invited speaker was **Dr. Yogesh Singh** from Tübingen University, Germany. He shared his research findings on "**Microbiome and Parkinson's Disease: New Insights.**" This webinar was successfully organized and attended by 68 participants from within and outside of the country.



## IMMB RESEARCH TALK by an external speaker was conducted on 10 March 2021.

**Dr. Yao Hua Law** who is a freelance science journalist and podcaster (Monsoon) in Kuala Lumpur was invited as a speaker with title '**Storytelling Science: Why And How**'. He was an insect ecologist but since 2014 he pivoted from research to science journalism. He writes about the environment and health for outlets like *Science*, *BBC*, *Nature*, and *Science News*. His stories had won multiple journalism prizes and grants. He is also the co-founder and editor of Macaranga, Malaysia's environmental journalism portal. Hopefully this sharing will encourage more researchers to involve in multi-disciplinary science field.



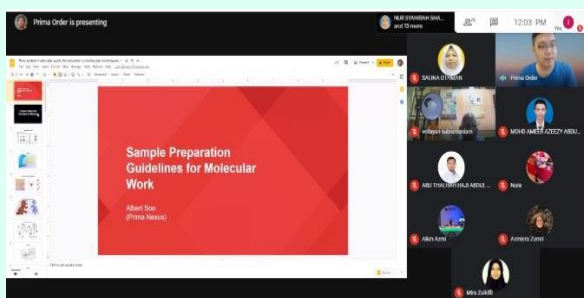
## IMMB BASIC LECTURE was conducted on 24 March 2021.

We had **Assoc. Prof. Dato' Dr. S. Vellayan** from Faculty of Pharmacy, UiTM as the speaker. He is the Coordinator of Laboratory Animal Facility And Management (LAFAM) unit. In this session, he shared his vast experiences and knowledges on the **Ethics in Laboratory Animals Research**. This is a very important topic to be highlighted especially to our students who are working with animals in their research.

Post Doctoral Researcher, **Dr. Tania Ivorra**, who is under the supervision of Dr. Heo Chong Chin had presented her research findings on ***Synthesiomyia nudiseta*** (Diptera: Muscidae) and its importance in **Forensic Entomology**. This sharing session was held in our **IMMB JOURNAL CLUB** on 3 March 2021.



# ACTIVITIES, INITIATIVES & INVOLVEMENT



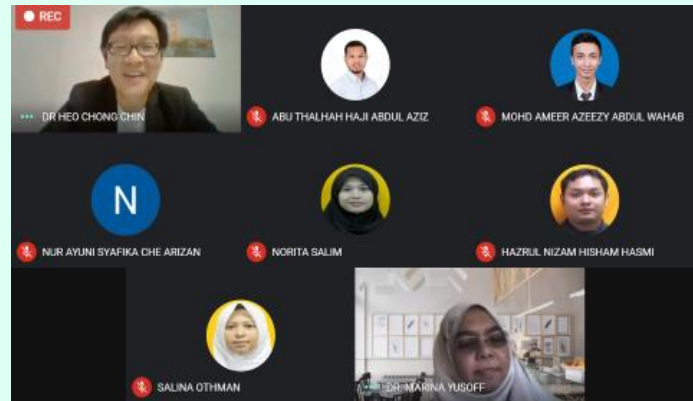
**IMMB JOURNAL CLUB** was held on 31 March 2021 with **Mr. Albert Soo** as the invited speaker. He is a Molecular Application and Animal Research Specialist from Prima Nexus Sdn. Bhd. He talked about **Sample Preparation Guidelines for Molecular Work**. During the talk, he shared his experience, concepts and basic knowledge on sample preparation for molecular work. He also guided us on how to choose the right buffers to overcome common problem in sample preparation.

**Webinar Covid-19** was held on 19 March 2021. **Ms. Nawwarah Anis Binti Nazmudi**, Sales Application Specialists from Axisbio Diagnostics Sdn. Bhd was invited as speaker. She has presented **'Nextractor NX-48S The Next Generation Nucleic Acid Extractor & LABSYSTEMS Covid-19 Real Time Multiplex RT-PCT Kit-The Reliable RT-PCR in the Market'**. During her talk, she shared her experience in troubleshooting problems including contamination in covid-19 sample extraction & RT-PCR detection, the do and don'ts as well as techniques to prepare the test to avoid contamination from happening.



**YSN-ASM INTERNATIONAL SCIENTIFIC VIRTUAL CONFERENCE 2021**. Postgraduate students, **Norazirah Mat Nayan** under the supervision of AP. Dr. Rosfaizah Siran had been awarded the **FIRST RUNNER-UP – YOUNG INVESTIGATOR AWARD** in the very first virtual conference organized by the YSN-ASM International Networking Group. The conference was conducted from 29 March to 1 April 2021. She presented her research findings entitled “The Prenatal Bisphenol A Exposure Effect on the Expression in Male Foetal Rat Hippocampus”.

**IMMB APPLICATION (APP)**. Preliminary discussion to develop a laboratory management app was discussed with **Assoc. Prof. Dr. Marina Yusoff** from Institute for Big Data Analytics and Artificial Intelligence (IBDAAI), UiTM. This is one of the improvement measures in the digitization of IMMB operations. In addition, the development of this app is also in line with SOP compliance demands during the COVID-19 outbreak. This multi-purpose app will be used for entry-exit monitoring, laboratory bookings, usage records, user registration, storage records, training lists and basic research guides.



**Mr. Hilmi Abdullah** from Respiratory Medicine & Sleep Lab, PPUiTM had shared on how the narrowing or the blockage of upper airway leading to the sleep apnea. He is a candidate for sleep technologists' board registry exam and is passionate towards improving the quality of sleep among sleep disorders patients by utilizing the use of behavioral interventions and non-invasive method. This sharing session titled **COVID-19 Era: Sleep Apnea in UiTM** was held in **IMMB JOURNAL CLUB** on 17 March 2021.



# Our Prayers and Deepest Condolences to The Family of Allahyarham Prof. Emeritus Dato' Dr. Khalid Yusoff

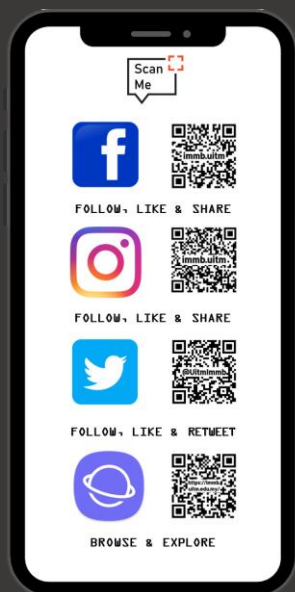
(1955-2021)



## AL-FATIHAH

*"You and I can be the agent of change, from divisiveness to togetherness, from loathing to loving, from fear to friendship, from indifference to caring. But you and I can't be the agent of change, even if you and I wanted to, unless you and I are ourselves prepared to change"*

- Allahyarham Prof. Emeritus Dato' Dr. Khalid Yusoff



### UPCOMING EVENT!

**FUN INTERNATIONAL  
WEBINAR Series 06**

with

Dr. Lavinia Iancu,  
Department of Microbiology,  
Institute of Biology Bucharest,  
Romanian Academy, Romania.  
22 APRIL 2021.

3.00 pm.

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