



BMHRC

volume 7

BULLETIN





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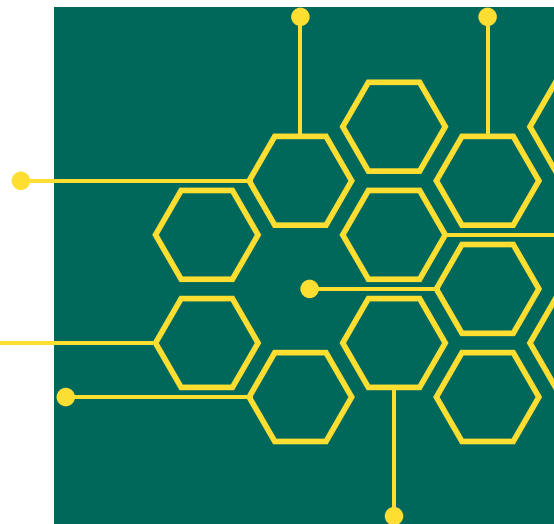
CONTRIBUTING WRITER

Ms. Clarissa Patrick Balinu



LETTER

FROM OUR EDITOR



Welcome to the latest edition of BMHRC Bulletin! We are excited to share not only our recent accomplishments but also the incredible progress being made through our new collaborations and initiatives.

This edition is particularly special as we highlight some of the exciting research projects that are currently underway, along with new partnerships that are helping us push the boundaries of knowledge and innovation. From interdisciplinary studies to new discoveries in infectious disease research, we are proud to be part of a vibrant ecosystem of researchers, industry leaders, and academic institutions working together to tackle some of the most pressing challenges of our time.

In addition, we are honoured to receive key visits from guests from around the world that have been instrumental in shaping our ongoing projects and collaborations. These visits have provided valuable opportunities to share knowledge, exchange ideas, and build new partnerships that will enhance the impact of our work.

We hope you enjoy reading about these exciting developments, and as always, we welcome your feedback, ideas, and thoughts. A big thank you to our talented team of writers, photographers, and contributors whose dedication and hard work make each page come to life. And of course, a heartfelt thank you to you, our readers, for your continued support and engagement.

Dr. Fong Siat Yee @Alison

EDITOR-IN-CHIEF



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DECEMBER						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MOU hand over- Elime University & UMS						

PUBLISHED PAPERS 2024

We are proud to present our remarkable achievement of publishing a total of 18 papers in the year 2024.

This success is a testament to the dedication and hard work of our team. Congratulations to everyone involved for your relentless efforts and commitment to excellence. As we celebrate this milestone, we look forward to continuing our journey with even more groundbreaking research in the future.

Keep up the hard work—there is much more to accomplish!

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3. **Chin, K. L.**, Suing, E. J., Andong, R., Foo, C. H., Chan, S. K., **Jani, J.**, **Ahmed, K.**, & Mustapha, Z. A. (2024). First whole genome sequencing data of a *Mycobacterium tuberculosis* STB-T1A strain isolated from a spinal tuberculosis patient in Sabah, Malaysia. *Data in Brief*, 54, 110476.
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6. **Ahmed, K.** & **Fong, S. Y.** (2024). Meguro Parasitological Museum – A wonderful experience full of surprises. *Borneo Journal of Medical Sciences*. 18. 1-2.
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8. Wang, Y., Shimosaki, S., Ikebe, E., Iha, H., Yamamoto, J. I., Fife, N., Ichikawa, T., Hori, M., Ogata, M., Tsukamoto, Y., Hijiya, N., Moriyama, M., Hagiwara, S., Kusano, S., Saito, M., **Ahmed, K.**, Nishizono, A., Handa, H., & Morishita, K. (2024). IMiD/CELMoD-induced growth suppression of adult T-cell leukemia/lymphoma cells via cereblon through downregulation of target proteins and their downstream effectors. *Frontiers in Oncology*, 13, 1272528.
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10. Rumaling, M. K., **Fong, S. Y.**, Rao, P. V., Gisil, J., Sani, M. H. M., & Wan Saudi, W. S. (2024). Pharmacological properties of Hoya (Apocynaceae): a systematic review. *Natural Product Research*, 1–17.

11. **Jani, J.**, Liew, C., Mudin, K. D., & Muniandy, R. (2024). Bridging the genetic gulf: a deep dive into neurotransmission, pharmacogenomics, and genetic variations for optimal pain management. *Neuroscience Research Notes*, 7(2):316.1-316.15
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13. Jumat, M. I., & **Chin, K. L.** (2024). Transcriptome analysis and molecular characterization of novel small RNAs in *Mycobacterium tuberculosis* Lineage 1. *World Journal of Microbiology & Biotechnology*, 40(9), 279.
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16. Md Hanif, S. A., **Hassan, M. R.**, Rafi'i, M. R., Abdul Halim, A. F. N., Ahmad Zamzuri, M. I., Ismail, M., Ibrahim, S. S., Mihat, M., Rejali, L., Zubir, M. H., Mahadi, M. S., Ahmad Ismail, S., Ganesan, V., & Mohd Fadzil, M. F. (2024). Understanding the mimicker: epidemiological pattern and determinant of melioidosis mortality in Negeri Sembilan, Malaysia. *PLoS Neglected Tropical Diseases*, 18(5), e0012147.
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18. Yong, P. H., Yi, W. X., Azzani, M., **Guad, R. M.**, Ng, Z. X. (2024). Potential of medicinal plants to inhibit neurodegenerative activities in diabetes: a systematic review. *Journal of Young Pharmacists*, 16(4):620-32.

BMMHRC

SEMINARS



All knowledge is connected to all other knowledge. The fun is in making the connections.

~Arthur C. Aufderheide~



FACULTY OF MEDICINE AND HEALTH SCIENCES BORNEO MEDICAL AND HEALTH RESEARCH CENTRE

SEMINAR SERIES 1/2024

7th MARCH 2024 (THURSDAY) | 2.30PM - 3.30PM
MAIN AUDITORIUM, BLOCK B LEVEL II, FPSK, UMS

Talk title:

**"Spillover of High Consequence Emerging
Viruses: West Africa and Southeast Asia."**



PROF. DR. MILES W. CARROLL

Professor of Emerging Viruses
High Consequence Emerging Viruses Group
Pandemic Sciences Institute
Centre for Human Genetics
Nuffield Department of Medicine
University of Oxford

For more information, please contact us:-

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jecelyn@uma.edu.my



BERSEKUTU SAMA MELAKSANAKAN TRANSFORMASI
"Creating a better tomorrow, together"



SEMINAR SERIES 2/2024

MR. CHARLES KEVIN TIU



 **UMS**
UNIVERSITI MALAYSIA SABAH

FACULTY OF MEDICINE AND HEALTH SCIENCES

**BORNEO MEDICAL
AND HEALTH RESEARCH CENTRE**

SEMINAR SERIES 2/2024

25th APRIL 2024 (THURSDAY) | 2.30PM – 3:30PM
BILIK TAYANGAN, MEDICAL MUSEUM, BLOCK E
GROUND FLOOR FPSK, UMS

Talk title:
**"Phage Immunoprecipitation Sequencing:
Applications and Use Cases of Next Generation
Serology."**

 **MR. CHARLES KEVIN TIU**
Programme in Emerging Infectious
Diseases, Duke-NUS Medical School,
Singapore

For more information, please contact us:-
Ms. Jocelyn Leaslie John
jocelyn@ums.edu.my

 **36 UMSH**
UNIVERSITI MALAYSIA SABAH
HOSPITAL

**BERTEKAD CERMAT
SUKSES TAYANG BERTAMBAH**





FACULTY OF MEDICINE AND HEALTH SCIENCES

**BORNEO MEDICAL
AND HEALTH RESEARCH CENTRE**

SEMINAR SERIES 3/2024

11th SEPTEMBER 2024 (WEDNESDAY) | 2.30PM - 3.30PM
BILIK TAYANGAN, MEDICAL MUSEUM, BLOCK E
GROUND FLOOR FPSK, UMS

Talk title:

**"Enhancing Detection and Characterization of
Pathogens with Sequencing-based Methods."**



**ASSOC. PROF. DR. MICHAEL
WILEY**

Department of Pathology, Microbiology,
and Immunology
College of Medicine
University of Nebraska Medical Center

For more information, please contact us:-

Ms. Jecelyn Leaslie John
jecelyn@ums.edu.my



BERSEKUTUHAN
KELOMPOK BERSAMA SAMA



HEALTH SEMINAR

The Faculty of Medicine and Health Sciences, UMS, in collaboration with the Headquarters of the Ministry of Health Malaysia, the Sabah State Health Department, and the Tuaran District Health Office, successfully organized the National Celebration of World Malaria, Tuberculosis, and Leprosy Day 2024.



In conjunction with the World Malaria, Tuberculosis, and Leprosy Day 2024, BMHRC organized a Health Seminar to highlight the latest advancements in research and efforts to combat these diseases. The seminar was held on 12 May 2024.

The seminar began with a session on malaria, titled ***"Zoonotic Malaria: Past, Present, and Future"***, presented by Prof. Dr. Richard Culleton from Ehime University, Japan. The focus then shifted to leprosy, with Assoc. Prof. Dr. Richard Avoi presenting ***"An Update on the Global Effort to Eliminate Leprosy"***. The final session of the seminar covered tuberculosis, with Assoc. Prof. Dr. Chin Kai Ling presenting on ***"Whole Genome Sequencing and Comparative Genomic Analysis of Mycobacterium tuberculosis Strains in Sabah, Malaysia"***.



This seminar was an excellent opportunity for researchers, health professionals, and students to gain valuable knowledge from leading experts in these fields.



KNOWLEDGE TRANSFER PROGRAMME ON ZOO NOTIC AND VECTOR-BORNE DISEASES



On 23 November 2024, we organized the Zoonotic and Vector-Borne Diseases Knowledge Transfer Programme (KTP) in conjunction with the PuPUK University foster family programme at Rural Medical Education Centre (RMEC), FPSK Sikuati Kudat.



This programme was conducted through a seminar on Dengue with the seminar speaker, Dr. Azman Atil@Azmi and assisted by Ms. Jecelyn John. This seminar was participated by 20 individuals from Lodung and Lodung Togudon villages. The attendees were encouraged to pay full attention to the seminar and their knowledge and awareness were assessed using pre- and post-questionnaires.

Based on comparisons of the pre-and post-questionnaire assessment, the attendees showed 90% improvement in terms of knowledge towards Dengue elimination, prevention and controls. We hope to conduct more KTP programmes in the future.





TRAININGS



Effective training transform knowledge into action and action into success. Never stop learning and growing.

~Brian Tracy~

ATTUNE NXT FLOW CYTOMETER TRAINING

On 17 January and 18 January 2024, ACCVA Solutions Sdn. Bhd, in collaboration with trainer Mr. Ng Qi Ron from ITS and engineer Mr. Chan, successfully conducted a comprehensive training session on the Attune Nxt Flow Cytometer. The training took place at the Meeting Room and Natural Product Lab at BMHRC and was attended by 8 participants, comprising of 5 staff members from FPSK and 3 postgraduate students.



The training was designed to provide participants with both theoretical knowledge and practical experience in using the Attune Nxt Flow Cytometer. The session combined lecture-style discussions and hands-on practice, ensuring that participants not only understood the scientific principles behind the technology but also gained practical skills in operating the instrument.



The Attune Nxt Flow Cytometer is a state-of-the-art tool that provides high-speed and accurate cell analysis. Its advanced features, including multi-parameter analysis and ease of use, make it an essential instrument in modern research. The successful completion of the training highlights the importance of such educational events in advancing the capabilities of researchers at FPSK. This initiative not only strengthened participants' technical skills but also fostered a deeper understanding of cutting-edge flow cytometry technology, supporting their ongoing research.

LUMINEX TRAINING COURSE



Ms. Jecelyn John attended a 3-day Luminex training course from 3 July to 5 July 2024 at the Henry Wellcome Building of Genomic Medicine, University of Oxford. Briefing and discussion were conducted with Prof. Dr. Kamruddin Ahmed and Prof. Dr. Miles Carroll, the Head of the High Consequences Emerging Viruses Group.



This hands-on training course was designed to enhance skills in multiplex immunoassay technology including system operation and data analysis, especially for research collaborative work between UMS-National University of Singapore-University of Oxford in Sabah, Malaysia. This training provided invaluable skills and knowledge that will directly benefit ongoing research and laboratory activities in BMHRC.

RECOMBINANT PROTEIN SYNTHESIS & *PLASMODIUM* *KNOWLESI* CULTURE TRAINING

Dr. Alison Fong attended a specialized research training in the Department of Protozoology at the Institute of Tropical Medicine, Nagasaki University, Japan, from 16 July to 26 July 2024. This valuable training focused on advancing techniques for studying *P. knowlesi*, the parasite responsible for zoonotic malaria, a disease of significant concern in Southeast Asia, particularly in Sabah, Malaysia.



During the 11-day training, she learnt the techniques in recombinant SICA-HUVEC proteins of *P. knowlesi* and the culturing of *P. knowlesi* in vitro. This knowledge is vital in the development of potential therapies and diagnostic tools for malaria caused by *P. knowlesi*.



Dr. Alison's participation in this training equips her with advanced techniques and knowledge that will directly benefit her research and laboratory work in Sabah. By applying these newly acquired skills, she will be able to contribute to the development of better diagnostic methods and treatment strategies for *P. knowlesi* infections, ultimately aiding efforts to combat zoonotic malaria in Malaysia.

SEQUENCING TRAINING THROUGH HYBRID CAPTURE TECHNIQUE

From 9 September to 13 September 2024, 5 representatives from FPSK including Dr. Alison Fong, Dr. Azman Atil@Azmi, Dr. Cassandra Anne Abot, Ms. Jecelyn John, and Mr. Jaeyres Jani attended the sequencing training through hybrid capture technique using Oxford Nanopore Technology (ONT) at BMHRC lab.



The invited instructors were Associate Prof. Dr. Michael Wiley and Ms. Catherine Pratt from the University of Nebraska Medical Center. This molecular diagnostic method was designed for a viral panel that was able to detect up to 15,000 viruses.



This training started with a theoretical session including an overview of Hybrid Capture Technology, a comparison with the existing techniques and applications for research and clinical diagnostics. The hands-on laboratory training started with cDNA synthesis, library preparation, library enrichment, loading into ONT MinION flow cell, running the sequencing and results analysis.

This cutting-edge technology will significantly enhance diagnostic accuracy and research capabilities, especially at BMHRC and FPSK!



LEPTOSPIRA THEORY & HAND-ON TRAINING

Ms. Dayang Katija Matkasim and Ms. Noor Haniza binti Amit from BMHRC participated in a five-day specialized training course from 18 November to 22 November 2024 at the Leptospirosis Laboratory, Bacteriology Unit under the Infectious Disease Research Centre, in the Institute of Medical Research (IMR), Setia Alam. The training aimed to strengthen participants' theoretical knowledge and practical skills in leptospirosis diagnostics and research techniques.

First day training started with a detailed lecture by Dr. Murnihayati on the theoretical aspects of leptospirosis, including its epidemiology, pathogenesis, and laboratory diagnostics, with a focus on MAT. Following the lecture, they engaged in hands-on lab training under the supervision of experienced Medical Laboratory Technologists. They practiced culturing and maintaining *Leptospira* serovar cultures, along with step-by-step guidance on conducting MAT—a gold-standard test for identifying antibodies and various *Leptospira* serovars.



Throughout the training, they also learned the best practices for maintaining the viability and purity of *Leptospira* cultures, as well as troubleshooting common challenges. They gained practical expertise in preparing live antigen suspensions, handling serum samples, and way to interpret test results under a microscope.

The experience not only enhanced their capabilities in leptospirosis research and diagnostics but also contributed to their ability to improve leptospirosis management at BMHRC.

Conferences & Symposium

If you have
knowledge, let
others light their
candles in it.

~Margaret Fuller~



UKM - UMS - OITA UNIVERSITY FIRST JOINT ECO HEALTH SYMPOSIUM

05
Feb
2024

TIME
08.00AM - 12.30PM

Registration:



<https://forms.gle/kgJePWPbRj3Gk56A7>

FREE

MMA CPD
4 POINT



CHAIRPERSON

Professor Dr. Mohd Rohaizat Hassan
Universiti Kebangsaan Malaysia



MODERATOR

Assoc. Prof. Dr. Azmawati Mohammod Nawil
Universiti Kebangsaan Malaysia



SPEAKER 1

Assoc. Prof. Dr. Isha Hidekatsu
Oita University, Japan

Title: Pathobiology of HTLV-1 associated diseases:
Epidemiology, molecular machinery of the
retrovirus-induced hematologic malignancies and
inflammatory diseases



SPEAKER 2

Professor Dr. Kamruddin Ahmed
Universiti Malaysia Sabah, Malaysia
Title: Sero-surveillance of HTLV-1 in Sabah

VENUE

Auditorium of the Chancellor Tuanku Ja'afar
Medical Education Complex, UKM KL.

Organizer:

Department of Public Health Medicine, Faculty of Medicine, UKM.

Co-organizer:

University Malaysia Sabah and Oita University, Japan.

Funded by:

The workshop is funded by a grant from the Research Center for
Global and Local Infectious Diseases, Oita University, Japan (2023M01)



<http://tinyurl.com/3jwzek4k>

The UKM-UMS-Oita University First Joint Ecohealth Symposium on Human T-lymphotropic Virus Type 1 Related Diseases was held on 5 February 2024 in Faculty of Medicine, UKM. It was a research collaboration between Universiti Kebangsaan Malaysia (UKM), UMS, and Oita University, Japan.

Our Director, Prof. Dr. Kamruddin Ahmed, was invited as one of the presenters at the symposium, where he shared insights on ***"Seroprevalence of HTLV-1 in Sabah"***. Another invited speaker, Assoc. Prof. Dr. Hidekatsu Iha from Oita University, Japan, presented on ***"Pathobiology of HTLV-1 Associated Diseases: Epidemiology, Molecular Mechanisms of Retrovirus-Induced Hematologic Malignancies, and Inflammatory Diseases"***.

As a result of this research collaboration, the findings were shared with 486 participants who attended the symposium. The enthusiastic audience included 41 UKM students, 329 UKM staff, and representatives from external agencies, including the Ministry of Health Malaysia.



Source: UKM website



INTERNATIONAL PANDEMIC SCIENCES CONFERENCE 2024

COLLABORATION BEYOND BOUNDARIES



On 1-2 July 2024, Prof. Dr. Kamruddin Ahmed and Ms. Jecelyn John had the privilege of attending the International Pandemic Sciences Conference held at Oxford University, a globally renowned hub of innovation and academic excellence. The conference brought together professionals, researchers and experts worldwide to discuss global health challenges, lessons learned from the pandemic covid-19, innovative research, and collaborative strategies to better prepare for and respond to pandemics.



Prof. Dr. Kamruddin Ahmed did his oral presentation on ***“Developing a research platform to understand the silent expansion of zoonotic diseases in Malaysian Borneo”*** while Ms. Jecelyn John presented her work on ***“Seroepidemiology of severe fever with thrombocytopenia syndrome”***.

In addition, this 2-day conference offered cutting-edge presentations, interactive workshops and invaluable networking opportunities. Attending this conference was an invaluable experience with the critical role of collaboration, innovation and preparedness in addressing global health threats. Other than the conference, we had the opportunity to build up connection with our potential collaborators from various areas.

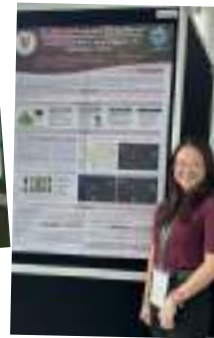


ICTMM

2024

Kuching ♦ Malaysia
19-23 Sep 2024

In September 2024, a few BMHRC members travelled to Kuching, Sarawak to attend the 21st International Congress for Tropical Medicine & Malaria 2024. This Congress covered the topics on tropical medicine including malaria, infectious diseases and other public health issues. Attended by more than 2000 participants from across the globe, this congress offered latest developments, and widen professional network.



Prof. Dr. Kamruddin Ahmed delivered an oral presentation on ***“The Challenge of Zoonotic Malaria in Sabah, Malaysia”***, while Dr. Cassandra Anne Abot shared insights on ***“Perspectives from a Low-Resource Clinical Diagnostic Lab for the Detection of Zoonotic Malaria”***. Moreover, Dr. Alison Fong, Ms. Jecelyn John, and Ms. Clarissa Patrick Balin presented their posters. Other delegates from BMHRC includes Assoc. Prof. Dr. Syed Sharizman bin Syed Abdul Rahim and Prof. Dr. Jenarun Jelip.



The conference provided an excellent platform for knowledge exchange, networking, and exploring potential collaborations with other researchers. Attending this conference sets the stage for future collaborations and reinforces our role in contributing to malaria researchers and other research innovations.



Memorandum of Understanding (MOU) Signings



MOU BETWEEN UNIVERSITY OF OXFORD (UK) AND UMS

The visit was held on 8 November 2024, aimed to further strengthen the collaboration between UMS and Pandemic Sciences Institute, University of Oxford. The main event of this visit was the signing ceremony of the MoU, which solidifies research, academic, and international collaboration between the two educational institutions.



The signing of this MoU represents a significant step in expanding research opportunities and knowledge exchange between the two universities. With this MoU, this partnership will create various opportunities for researchers, academic staff, and students to exchange ideas, conduct joint research, and enhance the quality of education at an international level.

The delegation was led by the Vice-Chancellor of UMS, YBhg. Prof. Datuk Dr. Kasim Hj. Mansor, accompanied by the Deputy Vice-Chancellor (Research & Innovation) of UMS, YBrs. Prof. Ir. Dr. Rosalam Hj. Sarbatly; UMS Registrar, Tuan Luqman Ridha Anwar; Dean of the Faculty of Medicine and Health Sciences, YBhg. Datuk Mohd. Yusof Hj. Ibrahim; YBrs. Prof. Dr. Kamruddin Ahmed; Assoc. Prof. Dr. Fatimah Ahmedy; and Head of the Chancellor's Office, Mr. Hasmi Hashim.

MOU BETWEEN EHIME UNIVERSITY AND UMS



On 13 December 2024 (Friday), Prof. Dr. Kamruddin Ahmed received the signed MoU from the President of Ehime University, Prof. Dr. Hiroshige Nishina at the Ehime University main campus in Matsuyama, Japan.

HEART WARMING VISITS



The most beautiful thing about meeting new people is discovering different perspectives and understanding the world from their eyes.

~unknown~



January
18
Thursday

Jabatan Perkhidmatan Kebajikan Am Sabah

Mr. Zulkiflie bin Hassan, Community Development Officer S48 (on the left) and other JPKA Sabah's staff.



Universiti Teknologi Mara (UiTM) Penang

January
22
Monday

Assoc. Prof. IR. Dr. Nor Azlan bin Othman, Assoc. prof. IR. Dr. Nor Salwa bin Damanhuri and Dr. Belinda Chong Chiew Meng (from middle to right) from Biomedical Engineering and Intelligent Systems (BIOMIS) Research Group, Electrical Engineering Study Center, UITM Penang.



March
11
Monday

Kunming Medical University (KMU), Yunnan, China

Delegate from KMU led by Prof. Zhou Jia, Vice Chairman of the Administration Committee of KMU and Chairman of the Administration Committee of the 1st Affiliated Hospital of KMU (in the middle) .



Swansea University, United Kingdom



Dr. Konstans Wells from Department of Biosciences in School of Biosciences, Geography and Physics, Swansea University, UK.



Hong Kong University,



Assoc. Prof. Dr. Tommy Tsan-Yuk Lam, from Division of Public Health Laboratory Sciences in School of Public Health, Li Ka Shing Faculty of Medicine, Hong Kong University

Faculty of Medicine and Health Sciences, Universitas Bengkulu (UNIB), Sumatera, Indonesia



Delegate from UNIB led by Dr. dr. Enny Nugraheni Sulistyorini as the Acting Dean for Faculty of Medicine and Health Sciences, UNIB (in the middle).





Faculty of Medicine, Universitas Lampung (UNILA), Bandar Lampung, Indonesia

Delegate from UNILA led by
Dr. Dr. Evi Kurniawaty,
Dean of the Faculty of Medicine, UNILA
(in the middle).

Centre for Instrumentation and Science Service (PIPS), UMS



The 'Jerayawara' Roadshow
Program of the Center for
Instrumentation and Scientific
Services (PIPS) to the Faculty of
Medicine and Health Sciences and
centre.

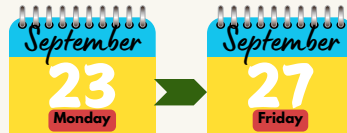


OITA University, Japan

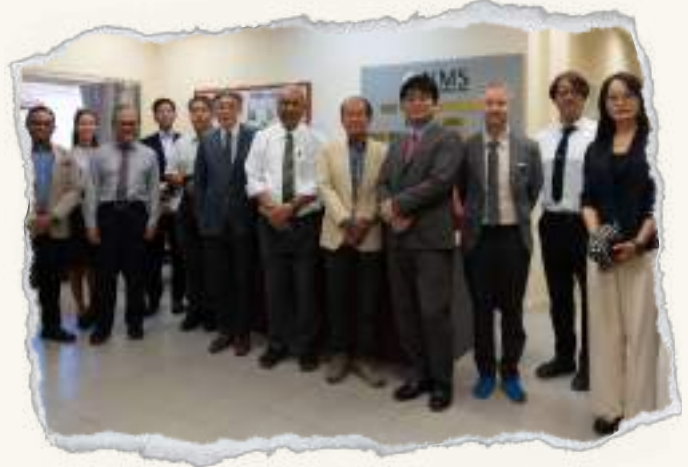


Study tour of Medical Laboratory
Program undergraduate students, Oita
University Japan to UMS, led by Dr. Yahiro
Takaaki. This program was a 3-day visit to
several laboratories, including the
BMHRC, the FPSK laboratories, HUMS,
MKAKK, and RMEC Kudat.

JICA & AMED, JAPAN



Delegation from the Japan International Cooperation Agency (JICA), Japan Agency for Medical Research and Development (AMED), Nagasaki University, and Ehime University. The visit aimed to discuss collaboration on the SATREPS (Science and Technology Research Partnership for Sustainable Development Programmes) project, focusing on research and development in zoonotic malaria.



Asian Medical Student's Association (AMSA), UMS

Malaysia for Indonesia Asian Medical Student's Exchange Programme hosted by Asian Medical Student's Association (AMSA) UMS.

Faculty of Engineering (Biosensor), UMS



Prof. Ts. Dr. Uda bin Hashim and
Dr. Muhammad Nur Afnan bin Uda
(in the middle, from left to right)





Universiti Sains Malaysia (USM)

Study visit from USM, led by Assoc. Prof. Dr. Wan Mohd Zahiruddin Wan Mohammad from Department of Community Medicine, School of Medical Sciences (in the middle).

Research Management Centre (RMC), UMS



Research Entity Audit conducted by the Audit Research Excellence Management Division of RMC, UMS. This audit was led by Assoc. Prof. Dr. Fatimah binti Ahmedy, Deputy Director (Strategic) (third from left).



Kinabalu Japanese School, Sabah

Representative from Kinabalu Japanese School, Mr. Ryuji Kaneko (on the left) and Ms. Yumi Kaneko (on the right).



Naval Medical Research Unit-Indo Pacific (NAMRU-IP)



Delegate from NAMRU-IP,
Capt. Andrew Letizia, Science
Director of NAMRU-IP (on the right)
and Lt. Cmdr. Dawn Weir, Director of
NAMRU-IP Malaysia (third from right).



Representatives from NAMRU-IP and the U.S. Defense Health Agency and its
Global Emerging Infections Surveillance program visited the Centre. The
NAMRU-IP discussions were led by its Commanding Officer, Capt. Jonathan
Stahl (seventh from left), and welcomed by Datuk Dr. Mohd Yusof Hj. Ibrahim,
Dean of FPSK.



Another collaborative visit by Naval Medical Research Command (NMRC) and
NAMRU-IP representatives led by Capt. Jonathan Stahl.

Naval Medical Research Unit- Indo Pacific (NAMRU-IP)



Introducing the new NAMRU-IP Commanding Officer, Capt. Nicholas Martin (third from right) with Capt. Franca Jones, Commander of NMRC (second from left).



Another round of visit by NAMRU-IP representatives led by Capt. Andrew Letizia before “Sequencing Training through Hybrid Capture Technique” by University Nebraska Medical Centre.



BMHRC's AIR QUALITY

FPSK MSc student, Ms. Christy Claire De Guzman under the supervision of Assoc. Prof. Dr. Saihpudin @ Saihpudin bin Saupin, conducted her research project on indoor quality in medical laboratories.

The project aims to assess air quality and analyze its effects on workers' health, with a particular emphasis on those employed in laboratory settings.

TESTED



WELCOME TO BMHRC

MEDICAL LABORATORY
TECHNOLOGIST

<Ms. Dayang Katija Matkasim>



JOINED IN FEBRUARY 2024

RESEARCHERS

JOINED IN AUGUST 2024

Prof. Dr. Jenarun Jelip



Assoc. Prof. Dr. Syed Sharizman
bin Syed Abdul Rahim



Assoc. Prof. Dr. Shigeharu
Sato



Dr. Muhammad Akliil bin Abd. Rahim



Dr. Lia Natasha Amit





Congratulations

**Facing challenges with
strength, determination and
confidence is what matters,
and you have done it.**

Prof. Dr. Kamruddin Ahmed &
BMHRC members



Congratulations!

Prof. Dr. Kamruddin Ahmed



Congratulations!

Prof. Dr. Kamruddin Ahmed,
Dr. Fong Siat Yee & Ms. Jecelyn John



Congratulations!

Assoc. Prof. Dr. Chin Kai Ling
& Ms. Jecelyn John

UMS FSK
UNIVERSITI MALAYSIA SELATAN

EXCOCIPTA
31st July - 2nd August 2024

Congratulations
to all FPSK Award Recipients

 PERAKA (JURATER EDUCATION) DR. PRATIKSHA PELLISSEERY <small>Faculty member TEMA 100</small>	 PERAKA (JURATER EDUCATION) DR. AYE AYE MYIN <small>Academic member DR. TH. THIRUMALAI, DR. HANALITHAN JESSE, DR. SURESH KISHORE PRASAD, DR. PRASAD KISHORE PRASAD</small>	 PERAKA (JURATER EDUCATION) DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 PERAKA (JURATER EDUCATION) DR. TIN TIN THWE <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 PERAKA (JURATER MEDICAL & NURSING) DR. HYE HYE HYE <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>
 PERAKA (JURATER MEDICAL & NURSING) DR. CHING LI YEE <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 PERAKA (JURATER MEDICAL & NURSING) DR. CHIN KAI LING <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 PERAKA (JURATER MEDICAL & NURSING) DR. PATRICIA LIM <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 PERAKA (JURATER MEDICAL & NURSING) DR. MUTHUSAMY <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	

From: Dean, Management & FMHS Members

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KREANOVIA
COMPETITION@FPSK 2024

RESULT [CATEGORY: ADMIN/STUDENT]

 TEAM 1 DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 TEAM 2 DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 TEAM 3 DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 TEAM 4 DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>	 TEAM 5 DR. SURESH BABU DASAN <small>Academic member DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN, DR. SURESH BABU DASAN</small>
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Congratulations!

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BERTEKAD CEMERLANG | **MOA** | **30th Anniversary**

Congratulations!

Dr. Rhanye Mac Guad &
Dr. Lia Natasha Amit



UMS FSK

Setinggi-tinggi Tahniah

Dr. Rhanye Mac Guad

atas kelulusan

**Skim Geran Penyelidikan Penyelidik Muda (FRGS-EC)
Tahun 2024**

berjumlah
RM 20,000

Tajuk projek:
Evaluating Anti-Dengue Viral Effects of Karanjin
Using In Vitro and In Silico Analyses

Ikhtis: daripada: Dekan, Pengurusan & Seluruh Warga FPSK

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Setinggi-tinggi Tahniah

Dr. Lia Natasha Amit

atas kelulusan

**Skim Geran Penyelidikan Penyelidik Muda (FRGS-EC)
Tahun 2024**

berjumlah
RM 28,000

Tajuk projek:
Rotavirus Molecular Characterization in Children
with Acute Gastroenteritis in Sabah

Ikhtis: daripada: Dekan, Pengurusan & Seluruh Warga FPSK

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UMS

SOCIAL TIME!

March



HAPPY BIRTHDAY MARCH BABIES!!!
Prof. Dr. Kamruddin Ahmed, Jecelyn & Clarissa

April



HAPPY BIRTHDAY!!!
Haniza

December



HAPPY BIRTHDAY!!!
Dr. Alison

SOCIAL TIME!



Coffee
Break



DELICIOUS



GOOD
TIMES

SOCIAL TIME!



World Malaria, Tuberculosis, and Leprosy Day 2024



Dinner with Prof. Miles Carroll in Kampung Nelayan

*Together
We Can!*



FPSK - HUMS Hari Raya Open House 2024



JICA - AMED visits

SOCIAL TIME!

LEARNING
NEVER
ENDS



DrPH students' practical



SATREPS-UMS 4WDVC meeting

Let's
Grow
Together



UMS-MKAKK with CM collaborators meeting



CRC, HQE1 meeting for Mget usage

TEAM UP!



Chia Pei See, Msc student (UTM) attachment in BMHRC



Grace and Edgar days in BMHRC



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**BORNEO MEDICAL AND
HEALTH RESEARCH CENTRE
(BMHRC)**

**FACULTY OF MEDICINE AND HEALTH SCIENCES
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