

# ACT NOW: PROTECT OUR PRESENT, SECURE OUR FUTURE: THE ACADEMIA



From 19<sup>th</sup> to 21<sup>st</sup> September 2025, our academic staffs from the Department of Pharmacy Practice and Clinical Pharmacy, Mr. Mohd Rahimi Muda and Mr. Ahmad Fauzi Dali, attended the Population Approach Group of Australia and New Zealand (PAGANZ) Scientific Meeting and Workshop at Bioinformatic Institute A\*STAR, Singapore. This international event serves as a key platform for researchers to share and discuss advances in population modelling and simulation within the field of pharmacometrics. The programme featured both hands-on workshops and scientific sessions. The Beginner Workshop, attended by Mr. Ahmad Fauzi Dali, focused on foundational principles of population pharmacokinetics, model development, and data analysis using NONMEM. Meanwhile, Mr. Mohd Rahimi Muda participated in the Intermediate Workshop, which explored advanced absorption models and their applications in complex pharmacokinetic data analysis.



Participation in PAGANZ provided both staff members with valuable insights and technical skills directly applicable to ongoing and future pharmacometrics research at the faculty. The exposure to international best practices and expert collaborations will strengthen the department's capacity to develop advanced modelling projects, foster interdisciplinary research, and enhance the faculty's role in pharmacometrics education and research.

In addition, Dr. Janattul Ain Jamal was recently invited by the Malaysian Society of Infection Control & Infectious Diseases (MyICID), alongside with other experts in the field, Dr. Nusaibah Abdul Rahim (University Malaya Medical Centre / University of Malaya) and Dr. Amy Legg (Royal Brisbane Women's Hospital / University of Queensland, Australia), to speak at a national webinar on **“Revolutionizing Antimicrobial Dose Optimization in Malaysia”**. Dr. Ain delivered a talk on ‘Dosing optimisation strategies in the absence of therapeutic drug monitoring (TDM)’, emphasizing the practical approaches of dose individualisation in limited-resource settings. This webinar, which was attended by over 120 participants, including pharmacists and medical doctors, concluded successfully, marked by excellent participation, insightful panel discussions, and a lively exchange of questions from a highly engaged audience.



With the participation of our faculty members in such events, we are paving the way to strengthen efforts in research innovation, educational excellence, and community partnerships. These initiatives position our faculty to advance precision medicine research and contribute meaningfully in addressing AMR. **Happy World AMR Awareness Week 2025!**

