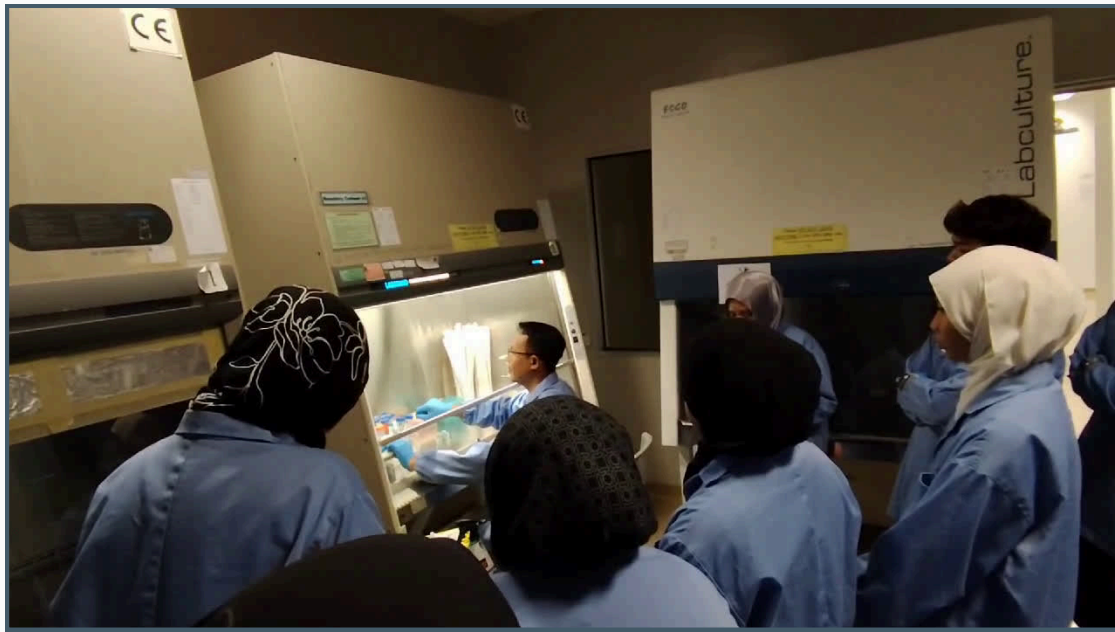


# Tissue Culture Unit at Faculty of Pharmacy UiTM Puncak Alam Conducts Cell Culture Induction Workshop for Final Year Research Project Students

**BY: MDM. NUR FATHIAH BINTI MOHD RADZI,  
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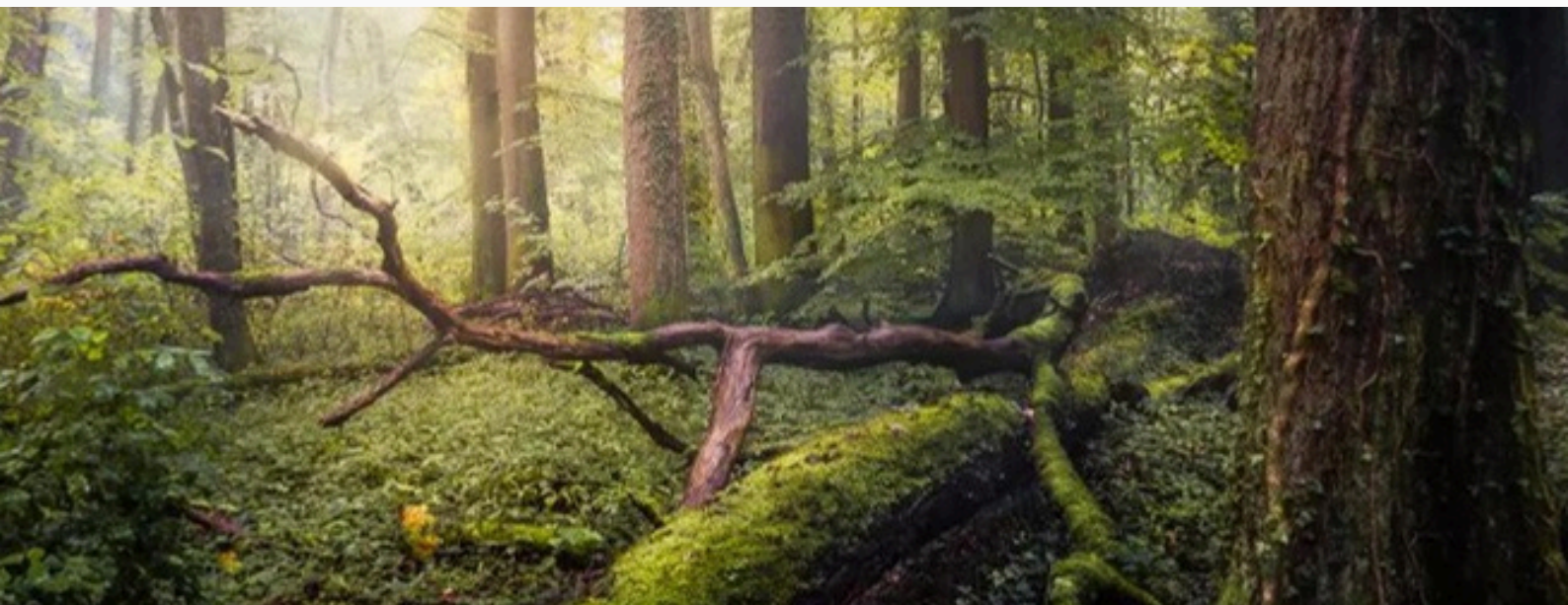
The Tissue Culture Unit at the Faculty of Pharmacy, Universiti Teknologi MARA (UiTM) Puncak Alam, recently held a comprehensive Cell Culture Induction Workshop. This workshop was specifically tailored for final year research project students pursuing the Bachelor in Pharmacy program (B.Pharm) as part of their academic requirements. This workshop, held on March 22nd, 2024, aimed to equip students with the essential knowledge and skills required for successful cell culture experiments. The half-day workshop consisted of three comprehensive sessions, each designed to provide participants with a well-rounded understanding of cell culture procedures and laboratory protocols. The event kicked off with an introduction to the Tissue Culture Unit, where eleven participants were introduced to the laboratory policies, management, and online booking system called the internet Laboratory Integrated Site System (iLISS).

Led by esteemed senior lecturer, Dr. Hasseri Halim, from the Faculty of Pharmacy, UiTM, the second and final sessions delved into the intricate workings of cell and tissue culture. Topics covered included aseptic techniques, potential sources of contamination, cellular proliferation, and maintenance. At the end of the lecture, there was an interactive segment that allowed attendees to clarify concepts, seek further explanation on procedures, and address any queries they had regarding the workshop content. The question-and-answer session created an environment of active learning and knowledge exchange, enhancing the overall educational experience for all involved.

To ensure a well-rounded experience, participants were treated to a laboratory tour conducted by Nur Fathiah Mohd Radzi, the science officer in charge of the tissue culture facility to familiarize participants with the laboratory layout, equipment, and facilities of the laboratory, enabling them to navigate the space effectively during their experiments. The instructor demonstrated the cell culture setup in the laboratory. Under the guidance of experienced facilitators, each participant was given the chance to engage in the preparation of cell culture media and subculturing procedures, thereby enhancing their proficiency in pipetting techniques. Additionally, they learned how to observe cell confluency and perform cell counting using the specified formulas. The workshop was hailed as a resounding success, with all participants actively involved and deeply enriched by the experience. The interactive sessions, combined with practical demonstrations and hands-on activities, fostered an environment of active learning and knowledge exchange, ensuring that the participants left with a solid foundation in cell culture techniques.

# PRESCRIPTION

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