

# WORKSHOP

## Hands-On Workshop on the Basic of Histological Analysis

The Histology Unit, Faculty of Pharmacy, UiTM Puncak Alam successfully organised the 'Hands-On Workshop on the Basics of Histological Analysis' on May 25, 2023. The one-day workshop was attended by participants from the different faculties and institutions of UiTM including the Faculty of Pharmacy, Faculty of Health Sciences and Hospital Al-Sultan Abdullah.

This workshop aimed to provide opportunities for participants to learn the techniques and histological data analysis that can be used in research. It involved the theory of the principles of histology as well as the hands-on practise of the steps in histological analysis. Besides, it also aimed to expose participants to the proper handling and use of all equipment used in the histology analysis as well as promote the facilities and services offered by the Histology Unit, Faculty of Pharmacy, to potential users from other faculties and institutions.

Dr. Siti Syairah Mohd Mutalip, head of the Histology Unit, Faculty of Pharmacy, UiTM Puncak Alam, gave a brief introduction to histological analysis as the workshop's first presentation. The programme then moved into a practical session where participants prepared histological samples and slides. Participants in the hands-on session were given the opportunity to handle samples, practise histological procedures including tissue processing (including fixation, dehydration, clearing, and paraffin moulding), tissue embedding, sectioning, staining, mounting, and photomicrograph (results) analysis. Hematoxylin-eosin (H&E) staining, which is a common staining technique used in histology for viewing the cellular and tissue structures, was utilised during the hands-on session.

The workshop concluded at 5.00 p.m. after a question and answer (Q&A), discussion, and closing session. According to participant feedback, the session was highly beneficial and should be repeated in the future. The committee members, Pn. Azurah Dollah, Dr. Siti Nooraishah Husin, Dr. Ruzianisra Mohamed, and Pn. Siti Sarazila Mohammad Shafiee greatly contributed to the success of the workshop's overall organisation.



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Issue 6/2023

June 2023

# PRESCRIPTION

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