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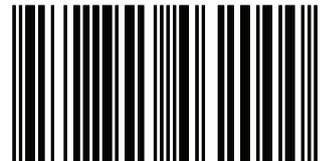
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# COLLABORATIVE FORUM ON GENETIC TESTING AND GENE THERAPY ENGAGES YEAR 2 MEDICAL STUDENTS

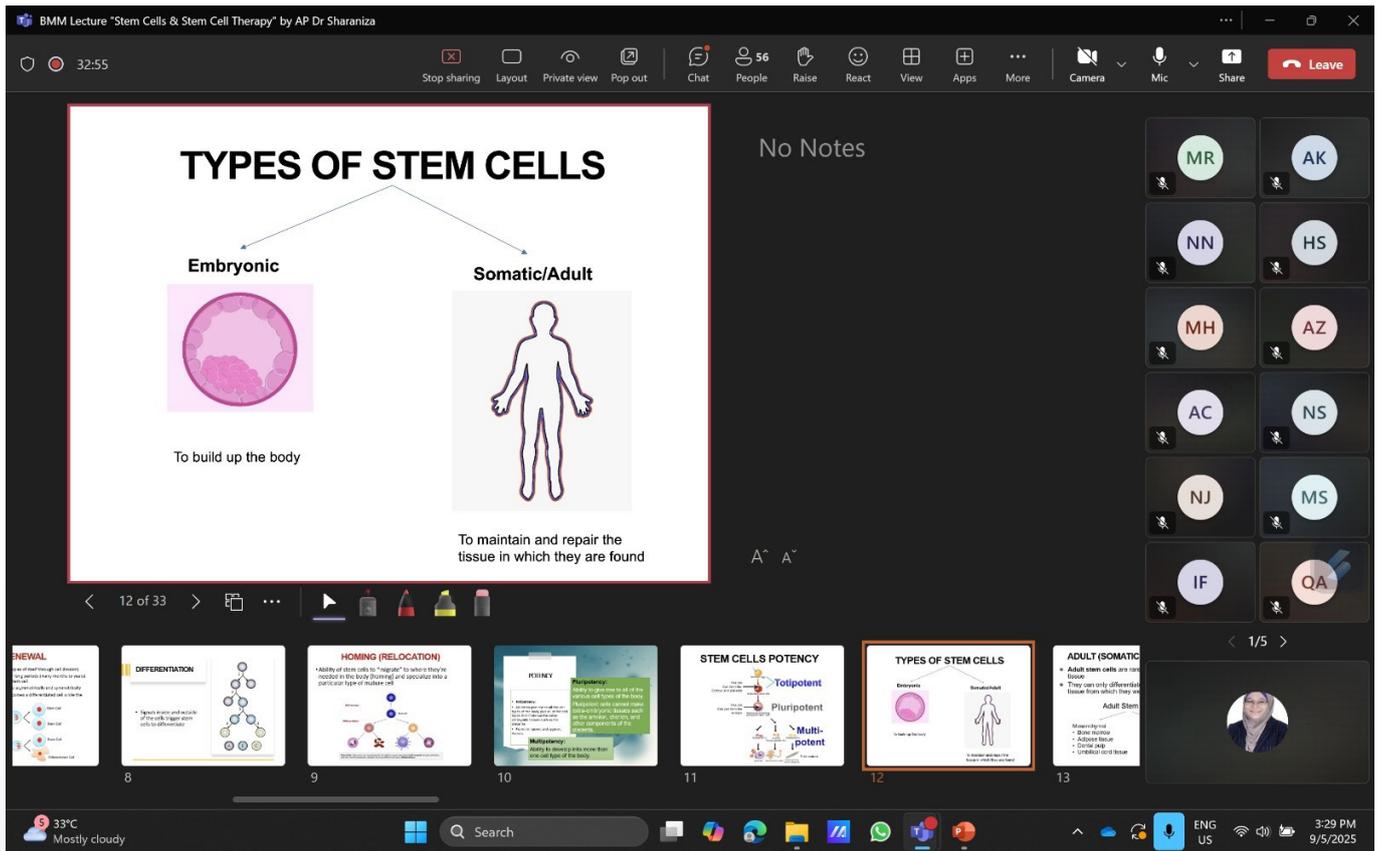
Dr. Amirah Abdul Rahman, Assoc. Prof. Dr. Alyaa R. Mahmood Al-Khateeb & Assoc. Prof. Dr. Sharaniza Ab. Rahim



**ASSOC. PROF. DR. ALYAA** delivering her lecture on 'Prenatal and Newborn Testing'.

Lecturers from the Department of Biochemistry & Molecular Medicine, Faculty of Medicine, recently hosted an engaging session of the Collaborative Group for Collaborative Teaching (CGCT) for the MED212 Reproductive System module on May 8, 2025. The module encompassed two biochemistry and molecular medicine lectures delivered by Assoc. Prof. Dr. Sharaniza Ab. Rahim and Assoc. Prof. Dr. Alyaa R. Mahmood Al-Khateeb.

The topics addressed were Stem Cells and Stem Cell Therapy, as well as Prenatal and Newborn Testing, respectively, proceeding the forum. This distinguished forum focused on Genetic Testing and Gene Therapy, was organized by the Department of Biochemistry & Molecular Medicine, bringing together second-year medical students for an afternoon of interactive learning session from 2:00 PM to 4:00 PM at Auditorium 2, Academic Building, UiTM Sungai



**ASSOC. PROF. DR. SHARANIZA** discussing 'Stem Cells and Stem Cell Therapy'.

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The event featured an invaluable industry perspective from Ms. Yoon Sook Yee, Head of Genetic Counseling at GENETIX Cancer Research Malaysia. During her presentation on "Genetic Counseling and Testing in Oncology Precision Medicine," Ms. Yoon shared practical insights regarding the importance of genetic testing in cancer diagnosis and personalized treatment approaches.



**DR. AMIRAH** facilitating the Q&A session and interactive student forum.



**MEDICAL** students and lecturers pose with the guest speaker Ms. Yoon Sook Yee, Head of Genetic Counseling at GENETIX Cancer Research Malaysia, after an insightful forum on genetic testing and gene therapy.

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The event featured an invaluable industry perspective from Ms. Yoon Sook Yee, Head of Genetic Counseling at GENETIX Cancer Research Malaysia. During her presentation on "Genetic Counseling and Testing in Oncology Precision Medicine," Ms. Yoon shared practical insights regarding the importance of genetic testing in cancer diagnosis and personalized treatment approaches. Her real-world clinical examples from clinical practice effectively bridge the gap between theoretical knowledge and practical medical applications.

Following the industry session, Assoc. Prof. Dr. Alyaa and Dr. Amirah Abdul Rahman facilitated an interactive forum session. Students participated actively by presenting and discussing on various contemporary topics in the field of medical genetics the case-based discussions encompassed thought-provoking subjects including the advantages and limitations of genetic testing, ethical considerations in

genomics, recent developments in stem cell therapy, and emerging DNA vaccines.

The session concluded with an educational quiz designed to reinforced key concepts while introducing an element of friendly competition. This well-structured program successfully combined expert knowledge from both industry and academia with active student engagement, thereby providing a comprehensive learning experience regarding current advances in medical genetics

The organizing committee wishes to extend its sincere appreciation to Ms. Yoon for generously sharing her invaluable industry experience. We also express gratitude to all participating students for their enthusiastic engagement and to the faculty members who contributed to the success of this CGCT session. Collaborative learning initiatives of such nature can significantly enrich our medical curriculum by providing our students with exposure to various perspectives within the healthcare sector.