

## Inspiring Visit to the Liver Cancer Research Laboratory at the University of Hong Kong

A group of 15 Form 4 biology students from our school recently participated in the “Exploring New Horizons” activity organized by The Hong Kong Laureate Forum. As part of this enriching program, the students had the opportunity to visit the Liver Cancer Research Laboratory at the University of Hong Kong on March 9. This visit provided them with valuable insights into the field of liver cancer research and exposed them to cutting-edge technologies.

During the visit, the students were warmly welcomed by Dr. Carmen Wong, Assistant Professor in the Department of Pathology at the University of Hong Kong. Dr. Wong, who specializes in liver cancer research, introduced the students to the fundamental aspects of liver cancer, including the process of cancer cell formation and the characteristics of tumor growth. Her expertise and enthusiasm captivated the students' attention, making the learning experience engaging and informative.

The visit also included interactions with graduate students who demonstrated the daily operations of the laboratory. Under the guidance of these students, the Form 4 students had the opportunity to observe liver cancer cells using fluorescence microscopes. This hands-on experience allowed them to witness the intricate details of cancer cell structures and deepen their understanding of the subject matter. Additionally, the students witnessed the functioning of flow cytometers, which are essential scientific instruments used for analyzing and separating different types of cells. They also explored the equipment used for cancer cell culture, gaining insights into the techniques employed for cultivating cancer cells for various experiments.

The visit to the Liver Cancer Research Laboratory provided the Form 4 students with a rare and invaluable learning opportunity. By delving into the world of cutting-edge liver cancer research and witnessing advanced laboratory techniques, the students gained in-depth knowledge and understanding of the field. They were inspired by Dr. Wong and her team's enthusiasm and expertise, which ignited their passion for exploring biomedical sciences further.

Our school remains committed to supporting and encouraging students' participation in scientific activities. By providing opportunities to engage with real-world research and technologies, we aim to foster their scientific literacy and open doors to various career possibilities. The visit to the Liver Cancer Research Laboratory was just the beginning of their scientific journey, and we look forward to nurturing their curiosity and guiding them towards a bright future in the field of biomedical sciences.



