

## Heartfelt Congratulations to our School Team for Winning Gold Medal at the iGEM 2023

Our school team won the Gold Medal in the International Genetically Engineered Machine Competition (iGEM) 2023, and was nominated for two awards:

Best Sustainable Development Impact, High School, Nomination

Best Education, High School, Nomination

Our school formed a team with several friendly schools, including Baptist Lui Ming Choi Secondary School, Carmel Pak U Secondary School, Kowloon True Light School, and Tung Wah Group of Hospitals Mrs. Wu York Yu Memorial College. During the iGEM 2023 conference held in Paris, France, our research achievements were showcased to biotechnology professors, researchers, teachers, and students from around the world. A year's worth of research has revealed that the Black Soldier fly contains an antimicrobial peptide called DLP4, which is extremely effective against bacteria. As a substitute for plastic, the exoskeleton of the Black Soldier fly can be used to produce biodegradable hydrogel dressings that are both environmentally friendly and economically feasible. It is our hope that this invention can be applied to the field of medicine in the future.

The members of our school's iGEM 2023 team include:

Class	Student(s)
4A	Ho Tsz Hin
4B	Fu Hoi Ka Hannah
4C	Yeung Yu Yen, Chow Cheuk Ming, Ho Chun Fung, Lam Chun Wang, Leung Cheuk Kiu, Tan Yi Kuang Marcus, Zhao Yu Ming
4D	Lam Hin Kwan, Li Toi Wai, Lam Yan Lui Nefarian, Wang Zhengbin
5D	Lam Ming Xin, Leung Hoi Ting
5E	Lo Wing Yiu Chelsea, Tsang Audrey, Cheng Hei Shun

Biology Teachers
Dr. Yuen Man Leuk, Ms. Leung Hoi Yan Wendy

Congratulations to the aforementioned students and teachers! Thank you for your hard work and dedication.







