



A2BTE001T

(Not-token required)

Academic Introductory Talk Series

Biotechnology Talk (Level II)

Cracking the Genome Sequencing of Soybean – Food and Nutrition Security

Professor LAM Hon-Ming
The Chinese University of Hong Kong



Application Deadline

31 Jul 2023

12:00 noon

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. explain the concept of genome sequencing and its potential to improve food and nutrition security;
2. foster a sense of curiosity and wonder about the biotechnology industry;
3. analyse the challenges, impacts, and ethical considerations associated with using biotechnology in food security.



◆ Introduction

In the 1996 World Food Summit, food security was defined “When all people, at all times, have physical and economic access to sufficient safe and nutritious food that meets their dietary needs and food preferences for an active and healthy life.”

Did you know how recent developments in biotechnology deal with the issues of food security? Did you know that a local scientist has dedicated over 25 years to research in this field and has implemented their projects in China, South Africa and Pakistan, contributing to solving the food crisis?

This lecture aims to help students understand Professor LAM Hon-Ming's soybean research achievements, the concept and applications of genome sequencing, and explore the recent trends in biotechnology and their impacts.

◆ Schedule

Session	Date	Time	Venue
1	7 Aug	4:00 p.m. – 5:30 p.m.	Room 105, HKAGE

◆ Target Participants

- S1 – S6 HKAGE student members
- Class size: 80
- * First-come, first-served.

◆ Medium of Instruction

Cantonese

◆ Certificate

E-Certificate will be awarded to participants who have attended the talk.

This talk is one of the items in the four domains of the Holistic Talk Series. The objective is to facilitate the all-round development of student' gifted potential.



The Hong Kong Young Academy of Sciences (YASHK) talk series

Talks are about emerging technology to inspire students' motivation in pursuing knowledge in specialized areas.



Celebrities Talk Series

Celebrities share their life-changing moments to enhance students' aspirations for life.



Academic Introductory Talk Series

Introduce trendy topics to widen the students' horizons.



Future Insight Talk Series

Professionals explain the latest trend in their industry to give students an insight to plan their future.