



Look deep into nature, and then you will understand everything better.

- Albert Einstein



BIOL 4015

Fermentation and Enzyme Technology

1st Semester 2018-2019

Course Instructor: Dr Patrick Yue

This course introduces basic principles of fermentation and current techniques in industrial microbiology and enzyme technology. It also discusses its application in the industry.

Catalysts of Hope

Yeasts – tiny, tasteless, but powerful. A small bit of yeast can alter a whole dough, so can a small thought, a different mindset, and a young life change the whole society. In this course, fermentation as a process of transformation and change becomes both a metaphor and a scientific practice. Partnering with Unison Hope, HKBU students will serve as mentors to economically challenged students from secondary schools. They will demonstrate how food waste could be turned into useful pesticide and drinks. They will also guide them to develop small goals to achieve transformation in life.

Did You Know?

One in four secondary students believes that he/she is powerless and his/her future is filled with unhappiness.

Source: Hong Kong Polytechnic University, 2016