



生命科學學院



Developing Video Learning Modules for Cell & Developmental Biology

School of Life Sciences, Centre for Cell and Developmental Biology, RGC-AoE Centre for Organelle Biogenesis and Function, The Chinese University of Hong Kong

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Summary

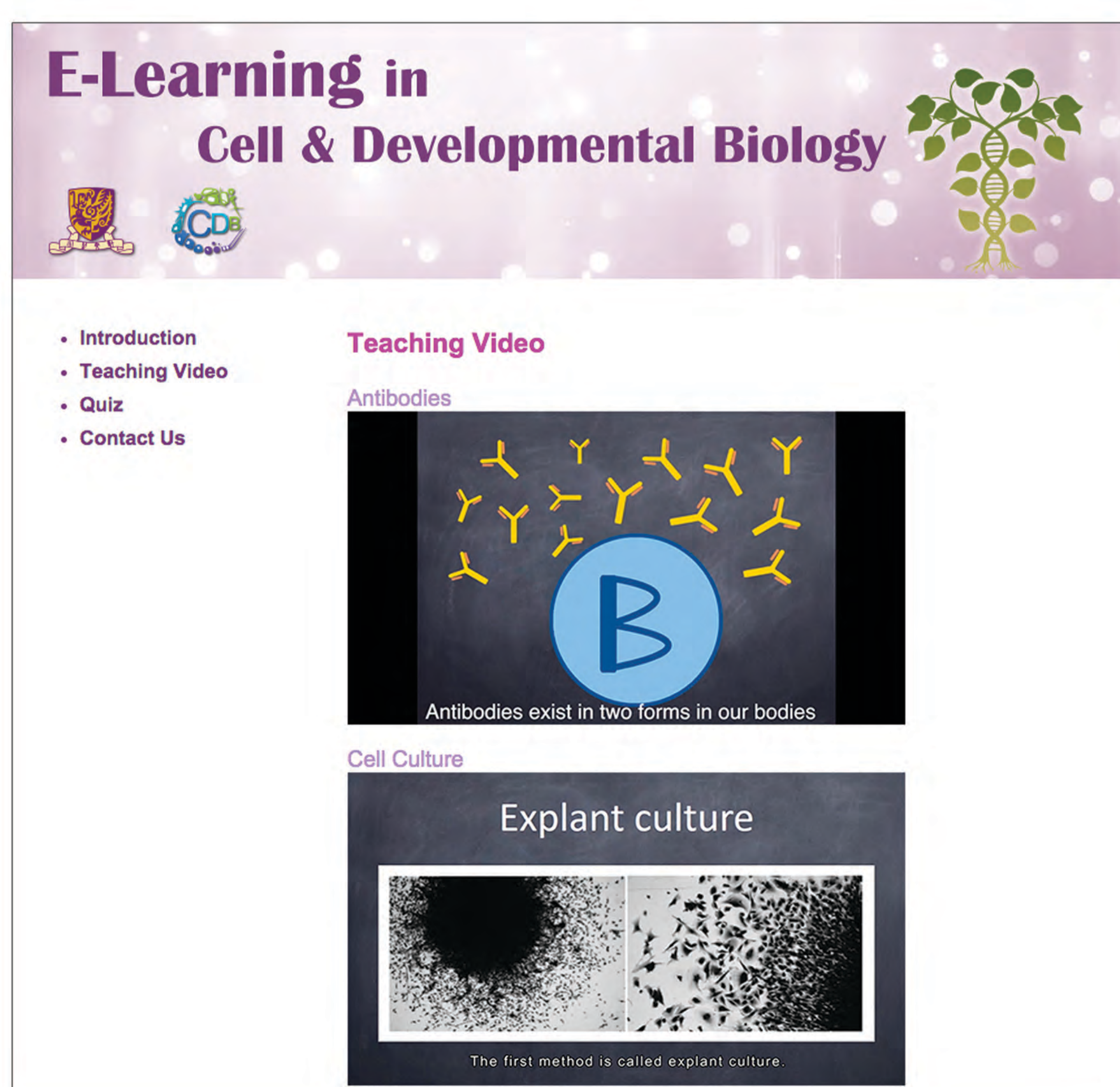
This project aims at developing online teaching videos on the basic knowledge and the advance developments in Cell and Developmental Biology. Undergraduate Students coordinated with the Postdoc Fellows and Postgraduates in the research laboratory to produce teaching videos showing various biological concepts and techniques, as well as advanced research.



Prof. Jiang and Postdoc Fellow giving instructions to undergraduate students in video development

Online Learning Platform

The teaching videos are uploaded to our online learning platform. Quizzes corresponding to each video are also developed to test for students' understanding. Students can self-learn them out-of-class so that the valuable in-class time could be more intensively used for interactive teaching-and-learning.



Interface of website developed

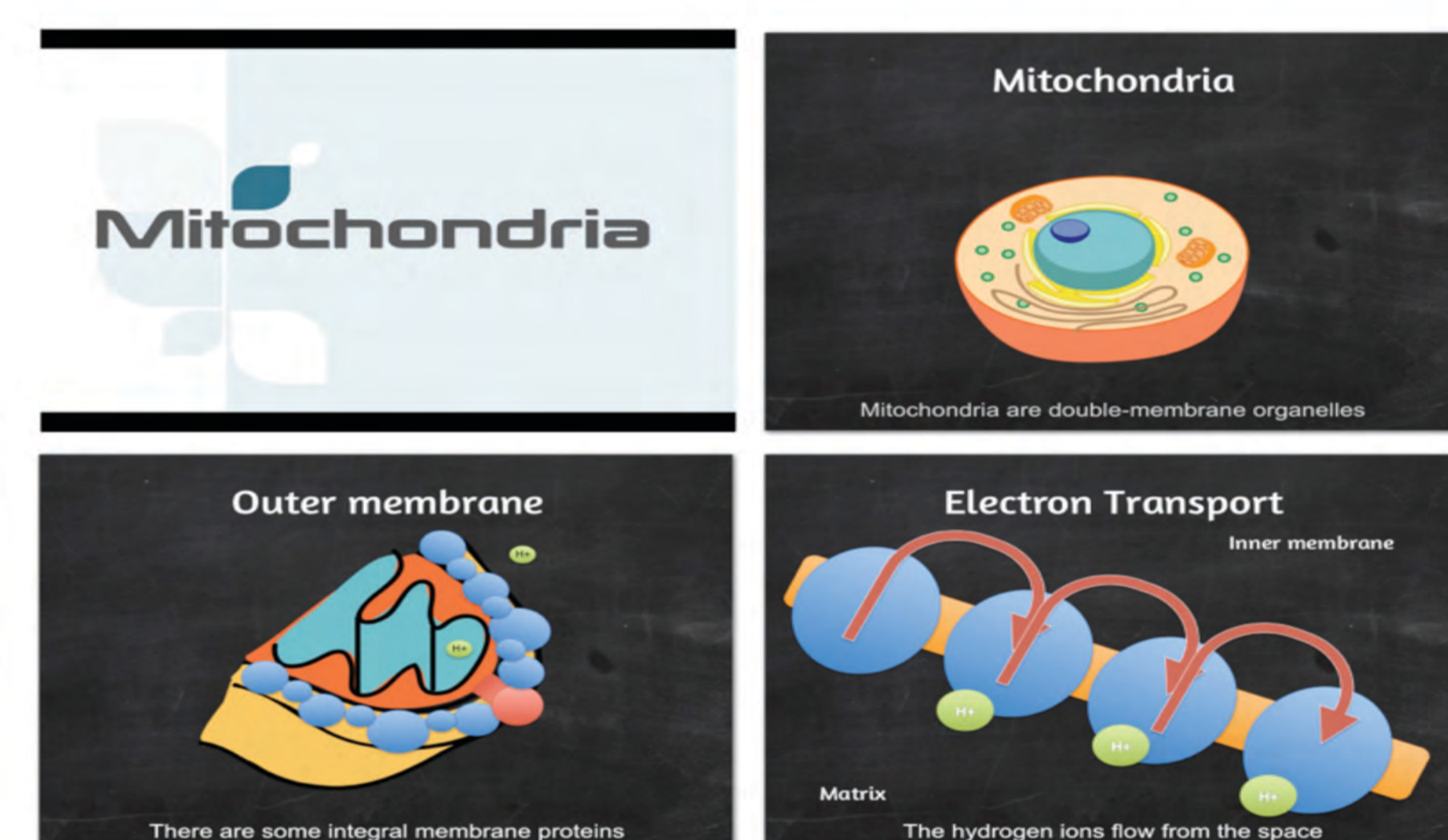
Self-learning Videos

In this project, multiple teaching videos have already been generated. These introduce a range of topics for the Cell and Developmental Biology course, including:

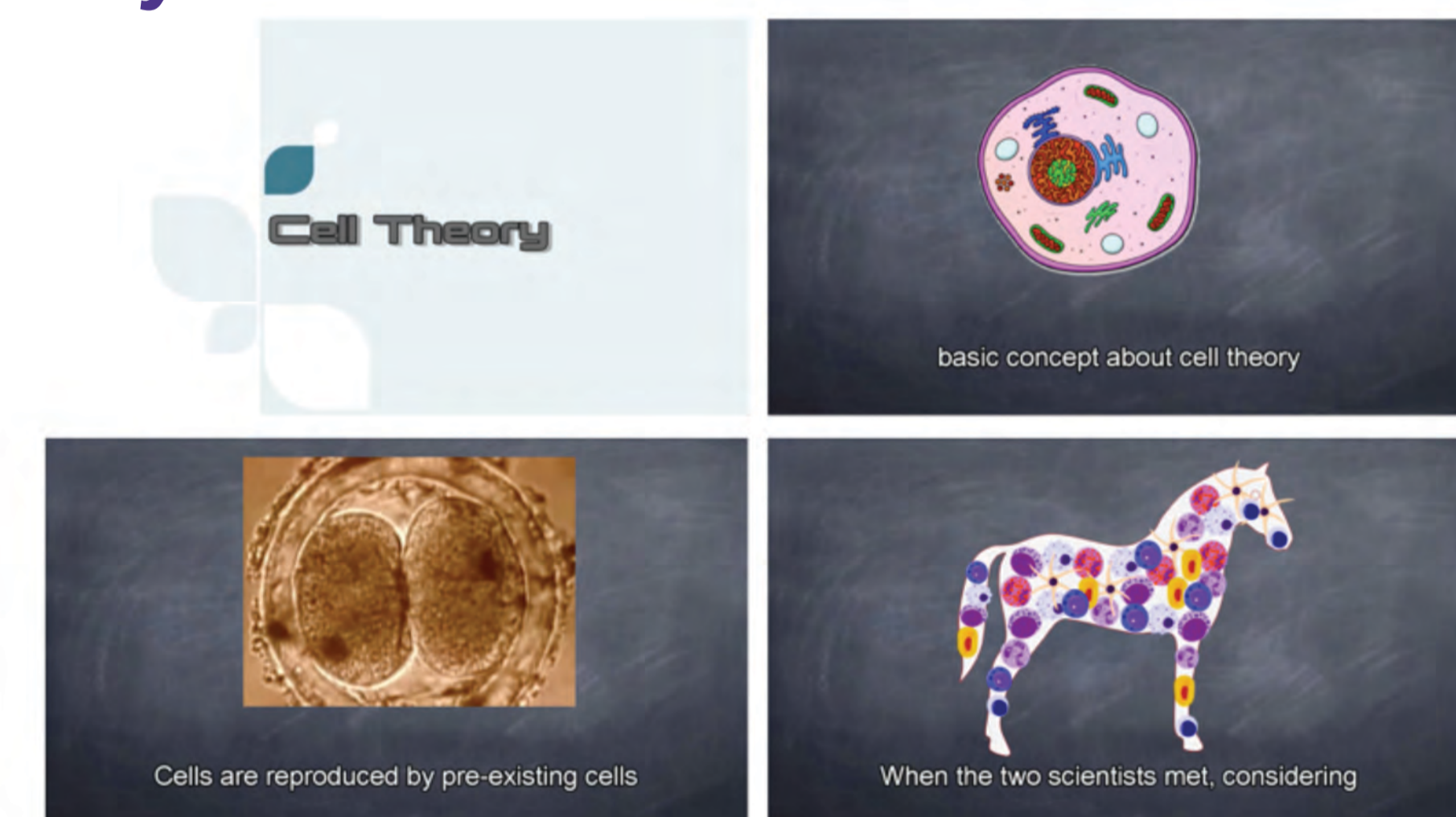
A. Apoptosis



B. Mitochondria



C. Cell Theory



D. Stem Cell



E. Red Blood Cell

