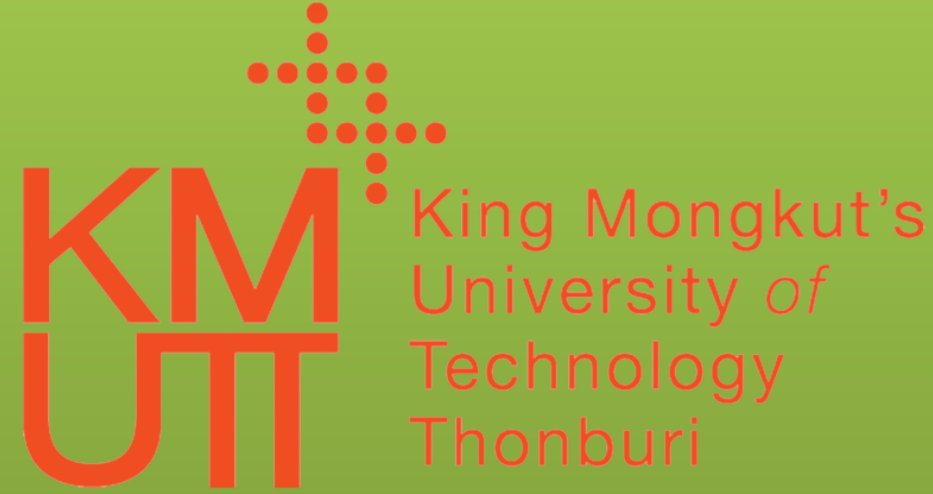


TWINCLE Program Unit D

KMUTT in Thailand 2014.08.25 - 09.06



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Lecture

“How Astaxanthin prevent two diseases at the same time”

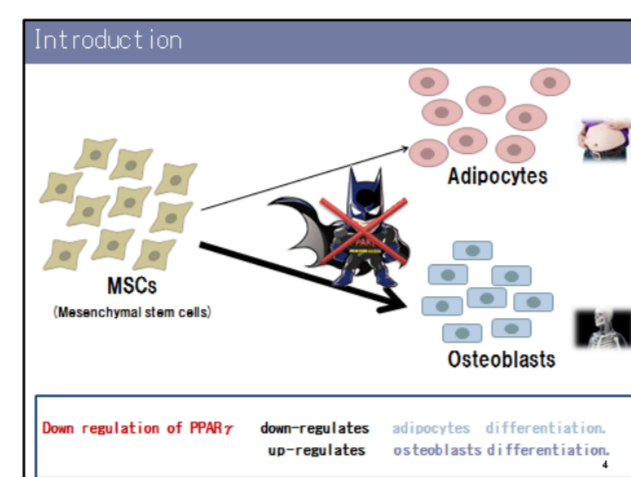
1. Introduction

We attempted to gather student's attention, introduce ourselves and Japanese culture.



2. Strategy

We explained about the mechanism of the cell differentiation using plain terms.



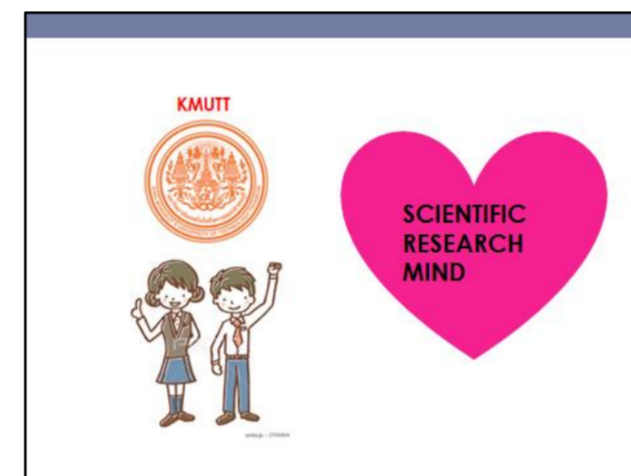
3. Experiment

We performed an experiment about the cell differentiation. The students confirmed the results of cell-count.

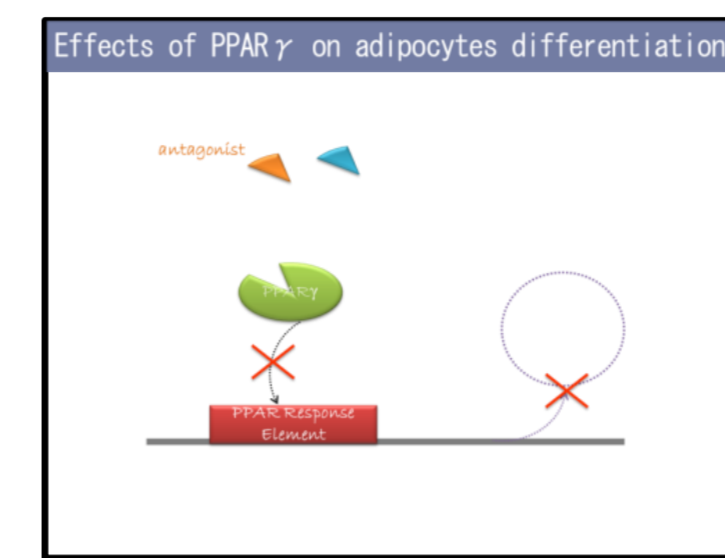


4. Summary

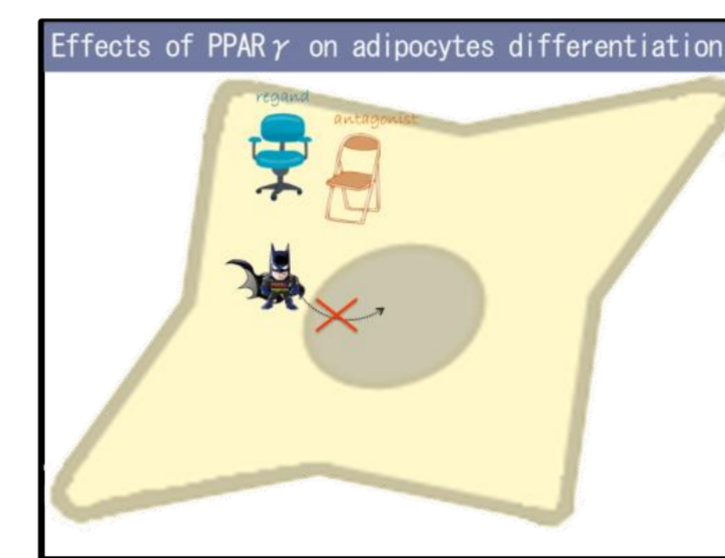
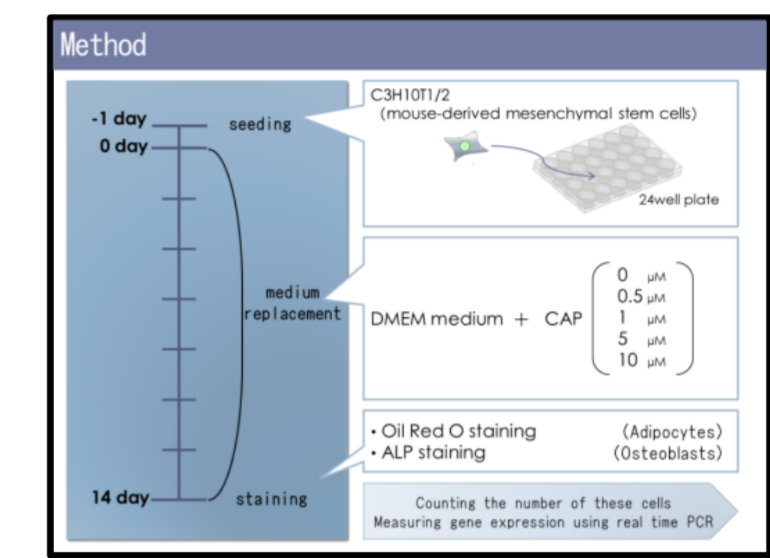
We conveyed the interesting aspects of science . And we let students have a chance to improve intellectual curiosity.



Improvement 1



For Scientists ?



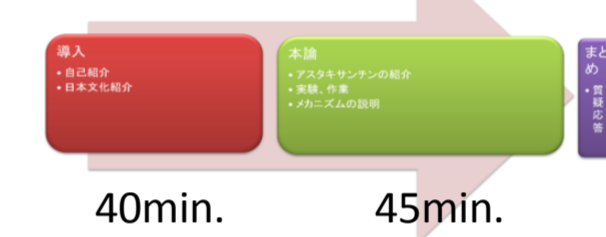
For Students !



Improvement 2

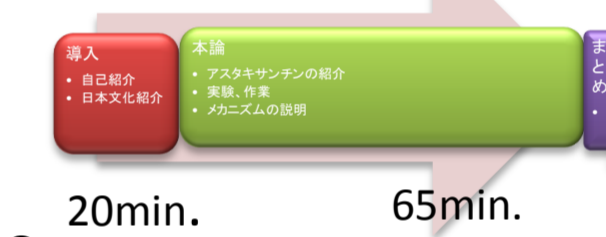
First day

- We spent too much time in the introduction, and we couldn't explain the conclusion in a good way
→ students' comprehension was satisfactory.



Second day

- Revised the time allocation.
- Reduced simple tasks and let students think about the mechanism in counting cells while filling out the worksheet.
→ We gave students enough time to think before the conclusion : we asked 'What did you find the mechanism?'



Teaching Japanese culture to students

At Samueng Pitthayakom School (Junior high school)

ORIGAMI (SHURIKEN)

We taught how to make 'SHURIKEN'. The students chose two of their favorite colors and made shuriken by themselves.



FRUIT BASKET GAME

We demonstrated the game first before playing it with the students. The students understood their roles and played with smiles on their faces.



- We tried to enjoy Japanese culture with students in a casual atmosphere.
- We explained in English, but some students seemed to have difficulty understanding our Japanese culture topics. We demonstrated how to do each and let students perform each activity afterwards.

Cultural Exchange

Different cultures

Difference of lifestyle such as washroom, vehicles, weather, meals and so on.



Thailand

Japan

Authentic hospitality

In Thailand, communication is part of peoples' lives. The locals always communicated with smile, which came from the bottom of their heart.



In Chiang Mai

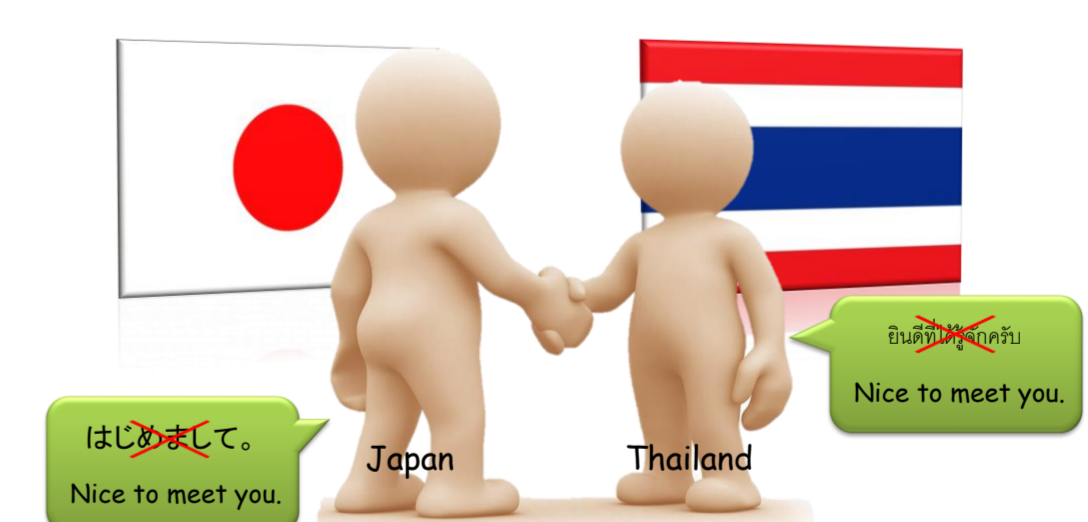
Compromise



Wat Pho

Riverside restaurant

We couldn't speak English fluently each other, but we were able to communicate by making some compromise, such as (YOU MAY GIVE EXAMPLES HERE). We also realized the importance of respecting each other's culture.



はじまして。 Nice to meet you.

Nice to meet you.

What did we learn ?

- We discussed a lot of times, then finally we could make improve aspects of our lesson plan such as the experiment, work sheet ... etc.
- We didn't receive the class and students' information when we were making a lesson plan in Japan. We realized it is important to teach students depending on some situations (the number, culture, education system ... etc.)
- At first, we didn't have enough confidence to make lesson plan in English. Now we have gained confidence to make presentation in front of a large audience using English.



WatPutthabucha School



Satriwatrakhang School

Through TWINCLE Program

Importance to act by oneself

We learned importance to communicate with Thai people and to plan on our own initiative, so that we could make our stay meaningful.

Understanding 'teaching' from a different viewpoint

If we make the lesson in a teacher-centered manner, that may result to an "unkind" lecture for students. We learned that we should consider making a more student-centered lesson.

Adaptation to some Circumstances

If we act in the exact way the manual says, we may panic over a small trouble. We could choose the best plan by adapting to a certain circumstance to avoid panic.

Cooperation beyond the language barrier

It is important for us to cooperate with each other amidst language barrier.