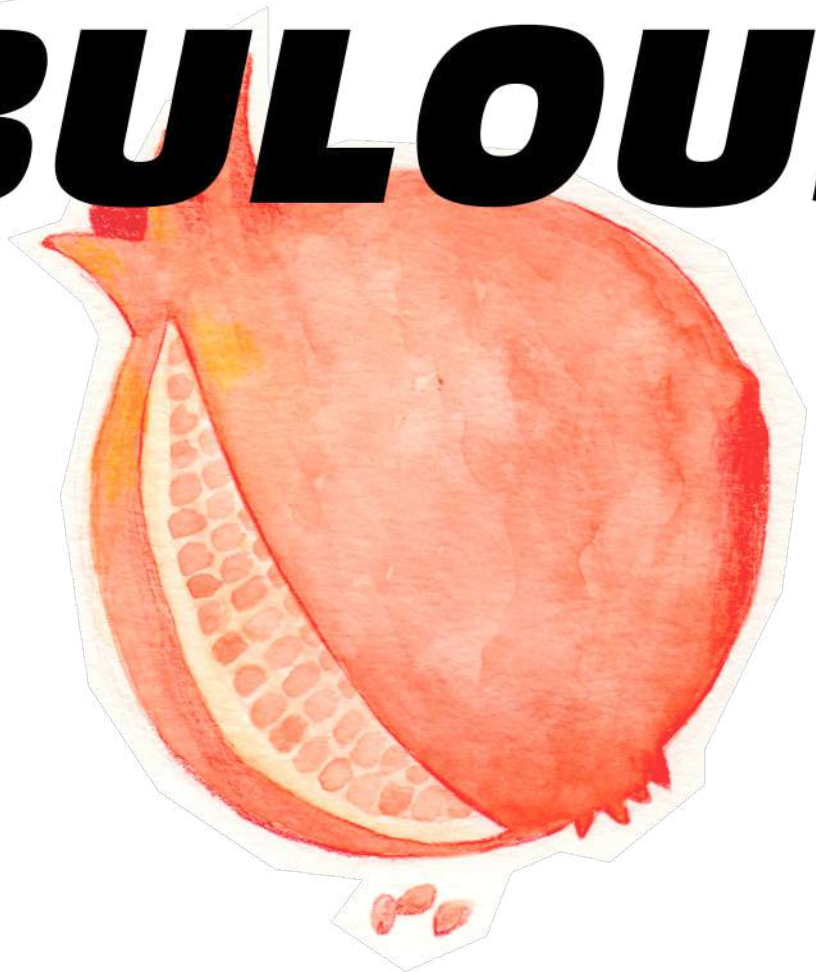


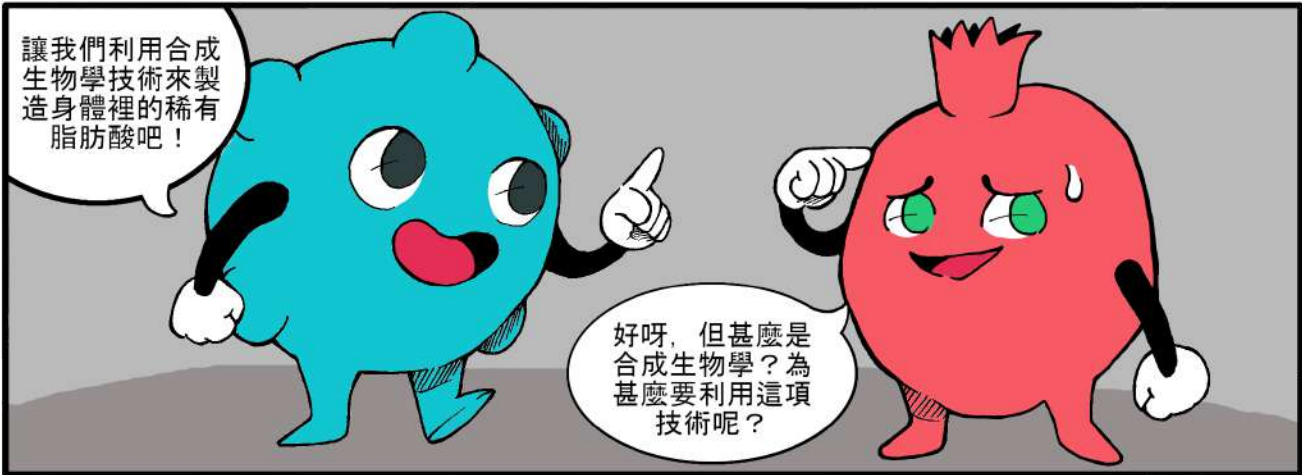


FAT

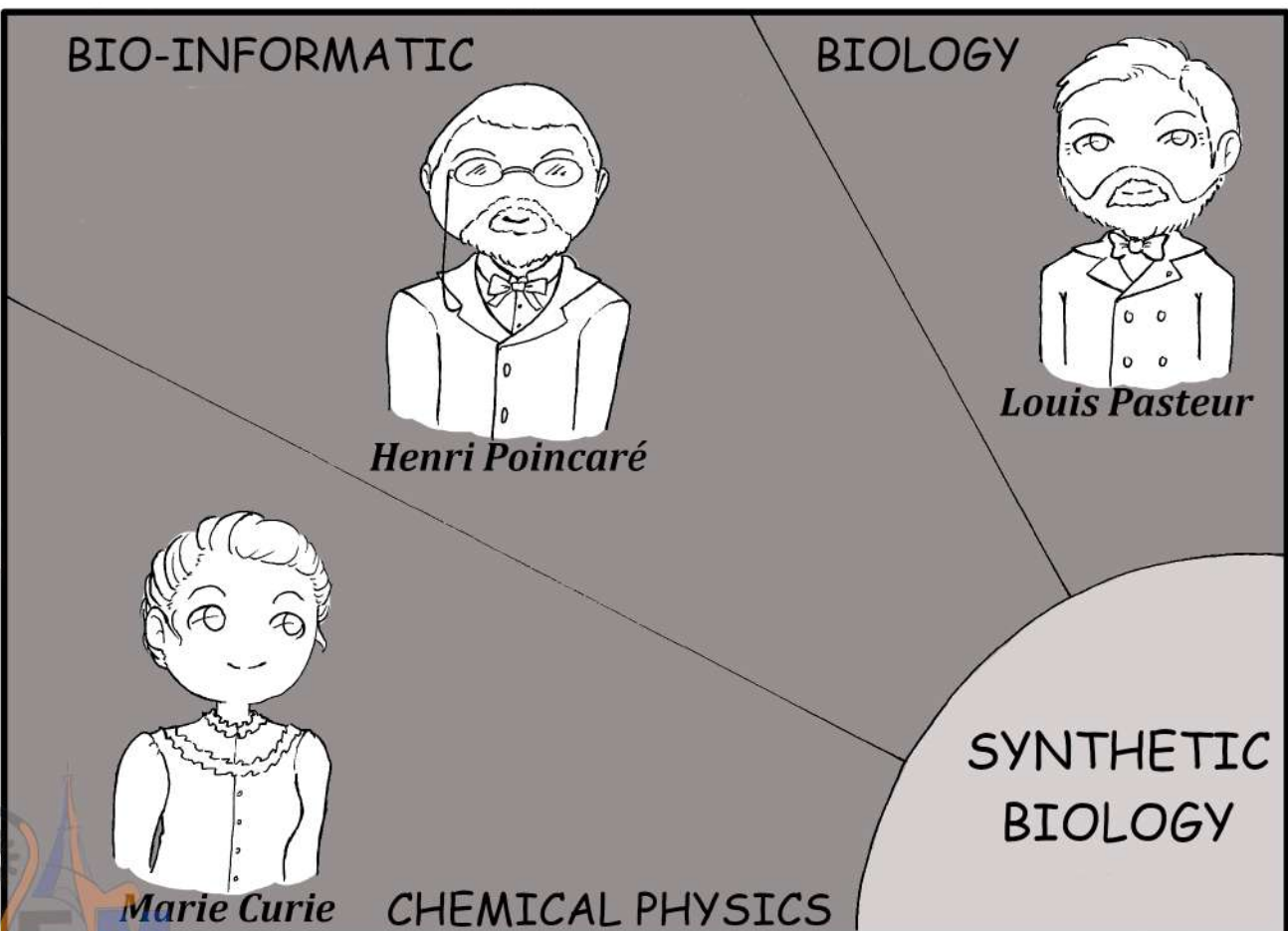
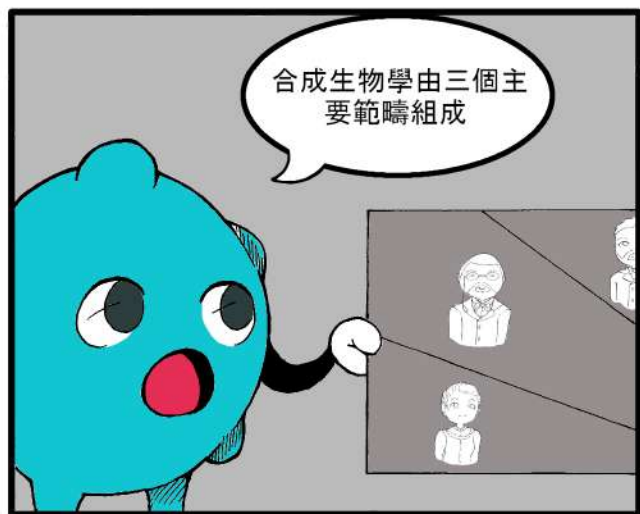
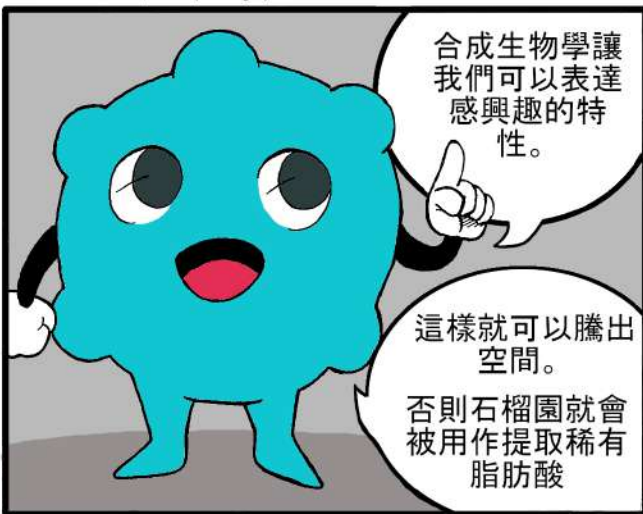
AND

FABULOUS





1. Small molecules, in the lipid category



BIO-INFORMATIC

BIOLOGY

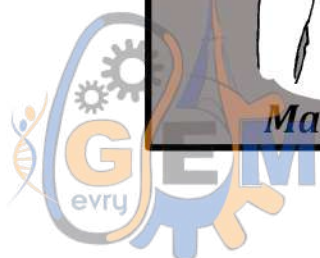
Henri Poincaré

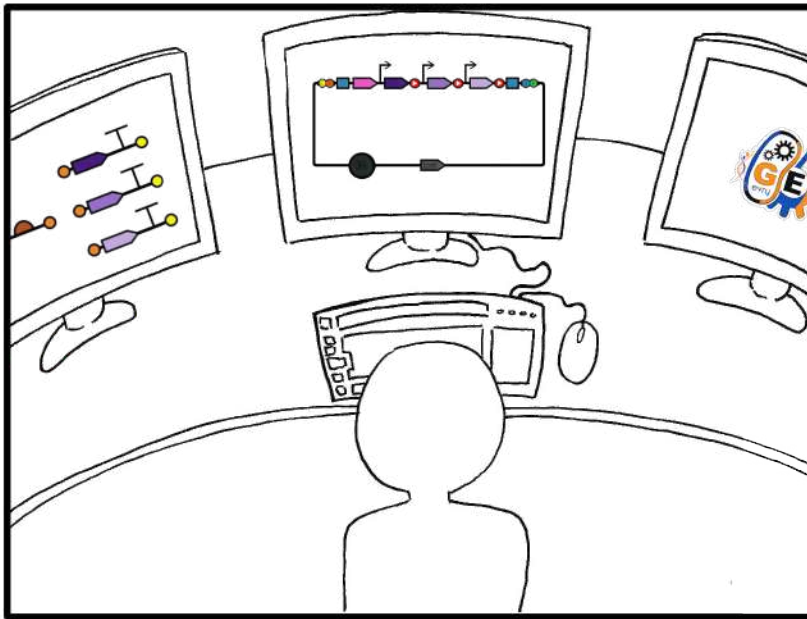
Louis Pasteur

Marie Curie

CHEMICAL PHYSICS

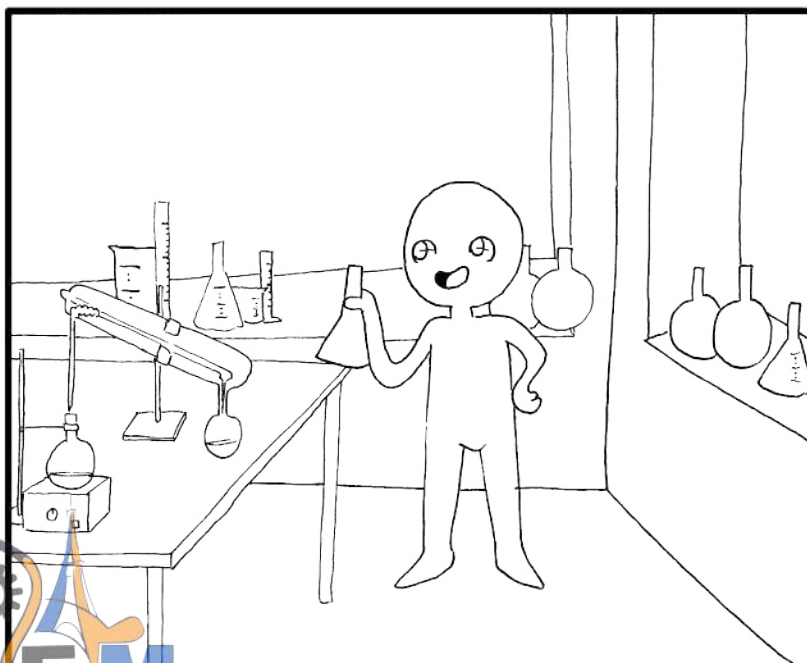
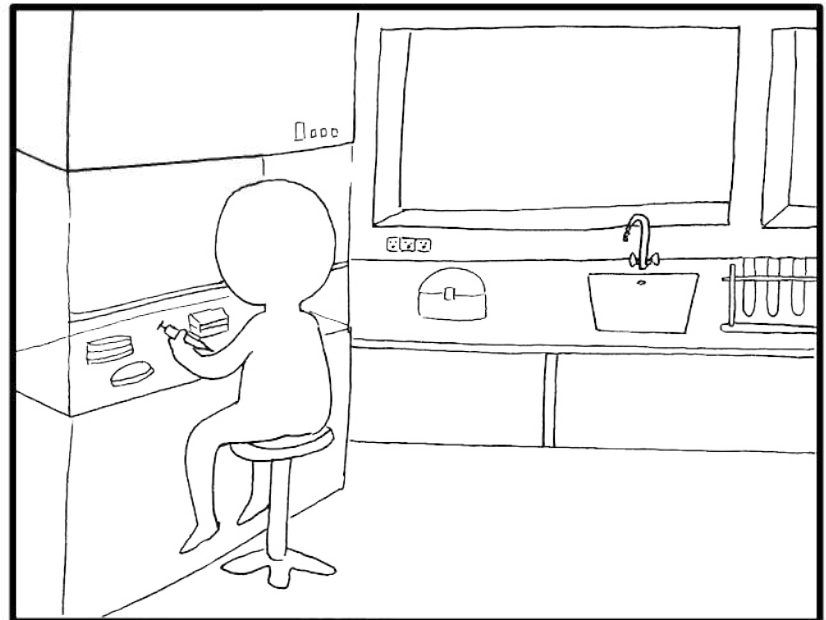
SYNTHETIC BIOLOGY





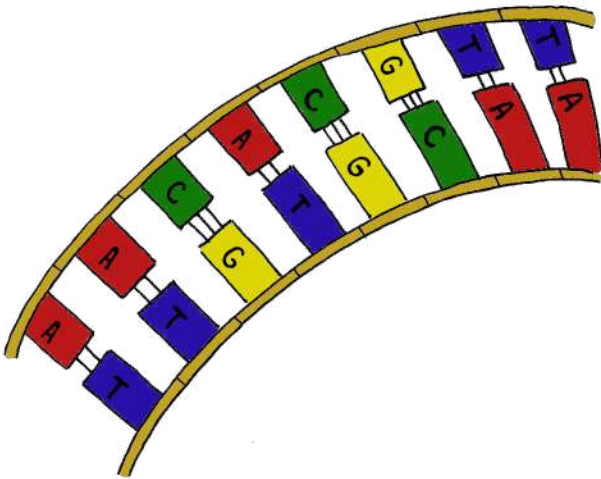
生物資訊/信息學讓我們能透過電腦設計DNA組件，從而得出最後的載體和預測它的特性

科學家就能組合各個載體並放入其他生物內進行基因表達。

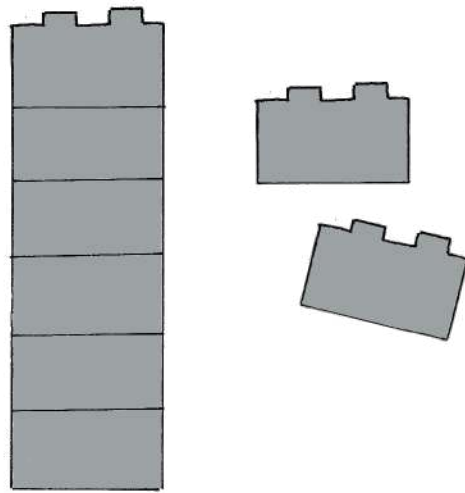


最後，科學家能測試載體是否成功並取得目標

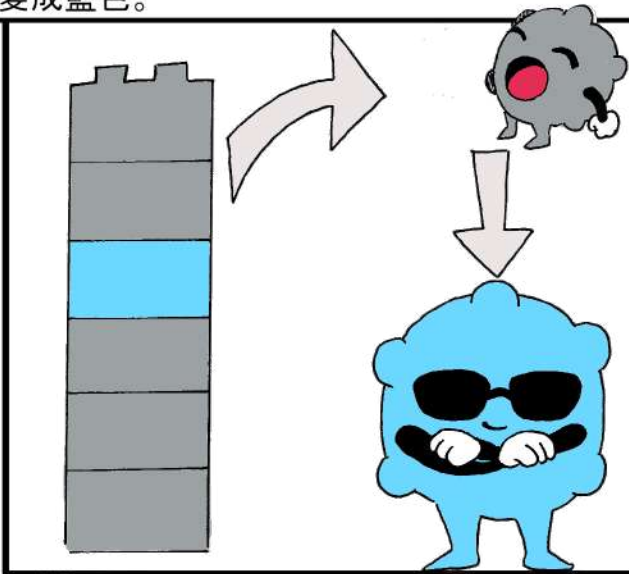
我們可以將DNA結構簡化...



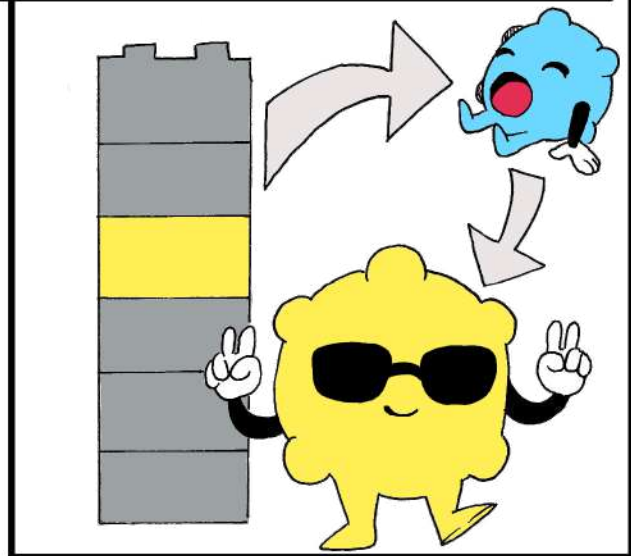
...就像樂高積木一樣！



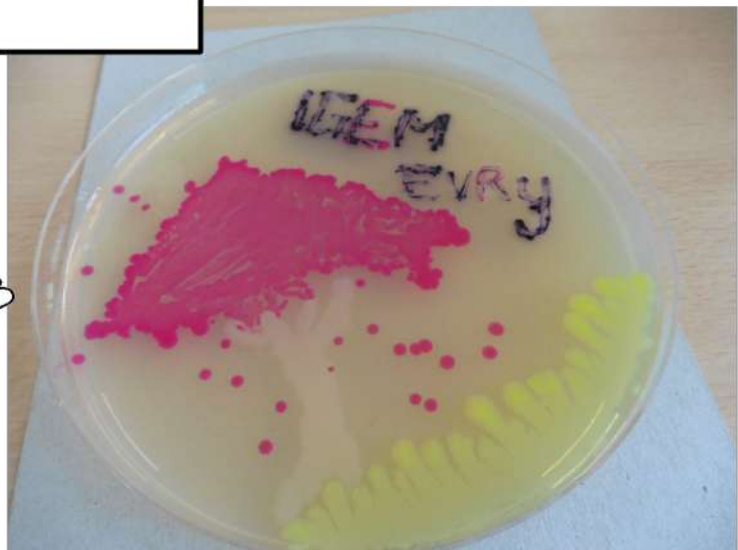
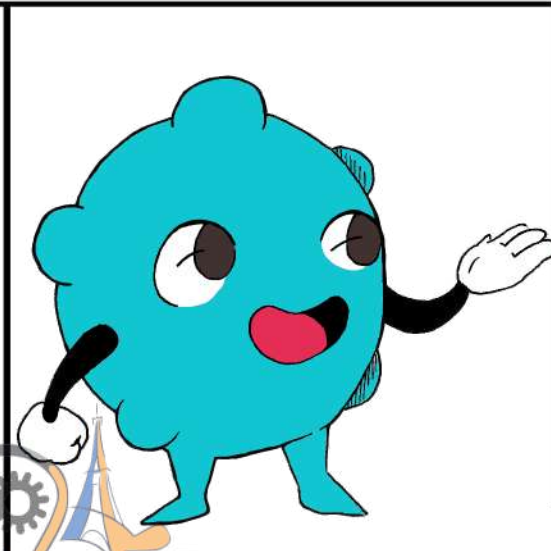
這裡有一塊藍色的組件。細菌吃了它就會變成藍色。

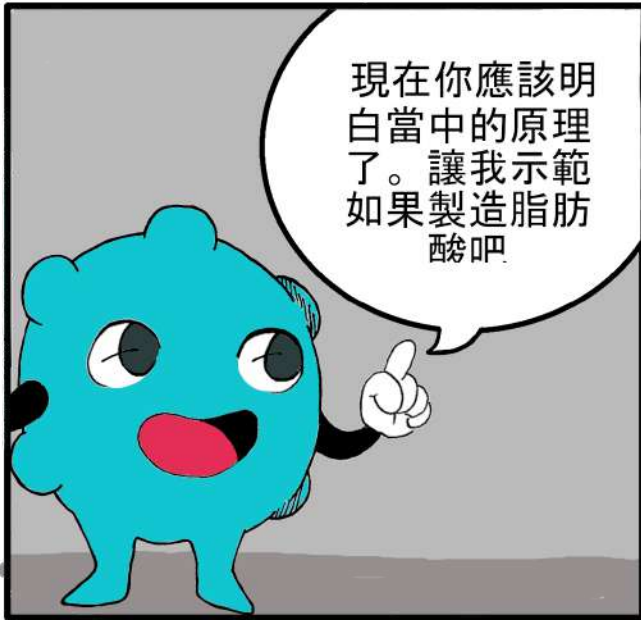


這次我們把藍色組件換成黃色，就可以得到黃色細菌！



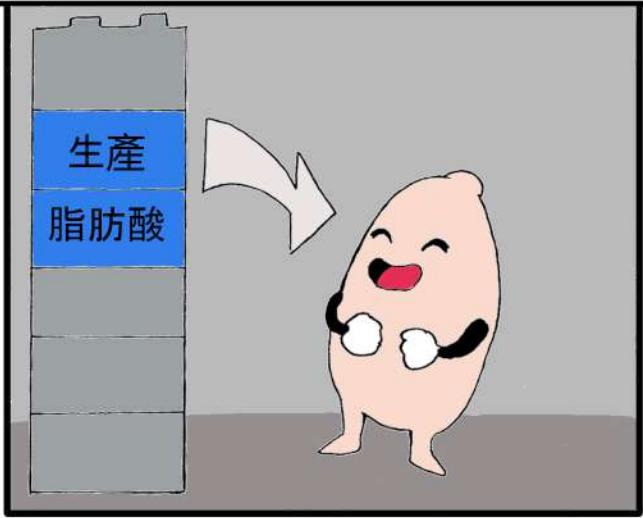
這樣就可以像畫畫一樣隨意更改細菌的顏色





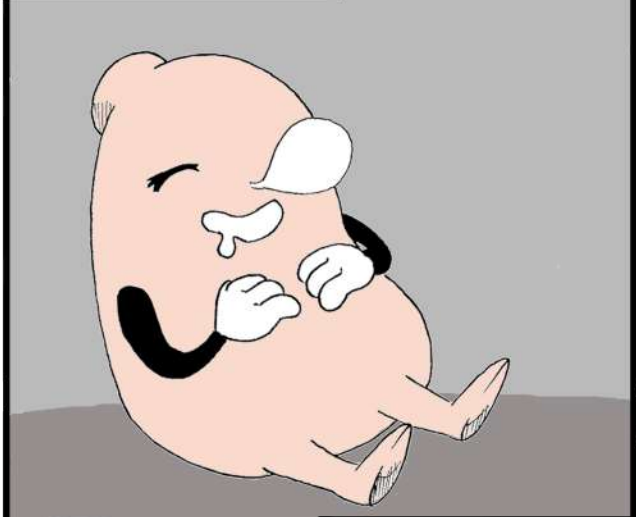
現在你應該明白當中的原理了。讓我示範如果製造脂肪酸吧。

這裡你可以看到兩個組件，“生產”和“脂肪酸”

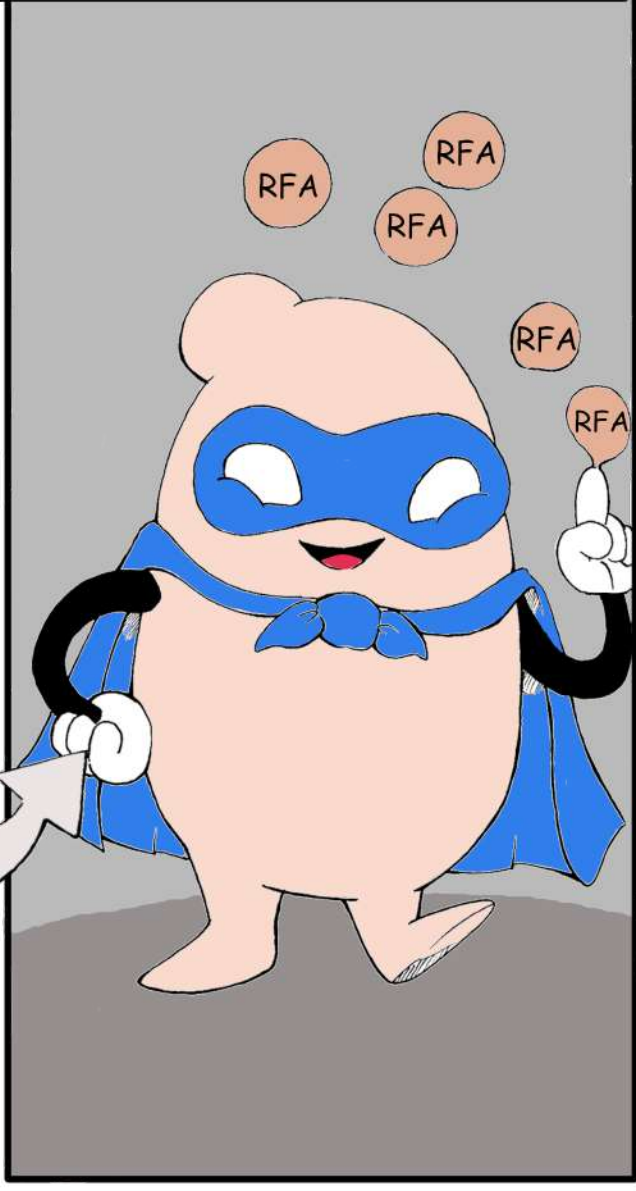


然後她就能變成超級酵母，並生產你的脂肪酸

然後把它們餵給酵母菌

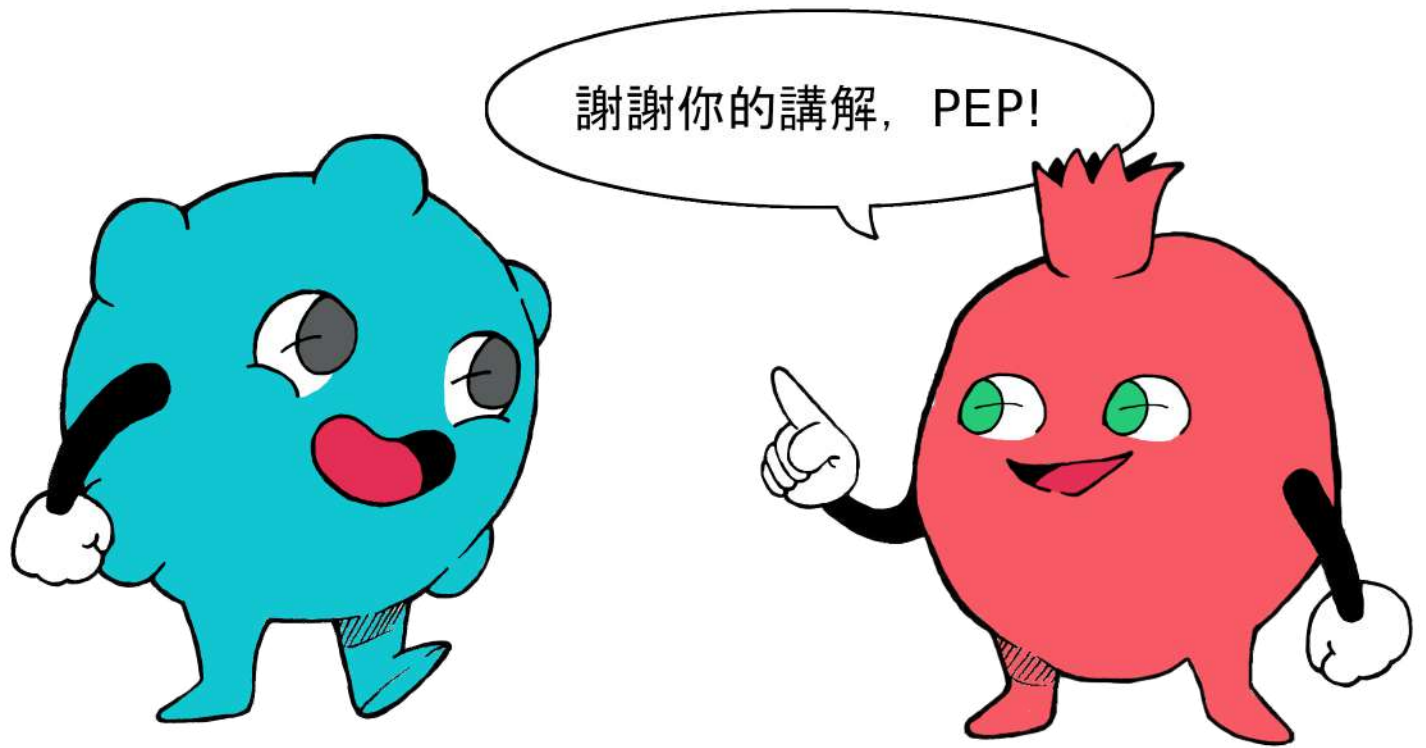


她看起來很滿意！



RFA: 脂肪酸





Thanks to

iGEM AFMC-Egypt team to translate this comic in Arabic

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iGEM Bioriidl_Somaiya to translate this comic in Gujarati

iGEM CU to translate this comic in Arabic Slang

iGEM Hong_Kong_HKU this comic in Kazakh, Tajik, Korean, Russian, Kyrgyz,
Turkish and Chinese

Written and illustrated by

