



中央研究院 基因體研究中心  
*Genomics Research Center,  
Academia Sinica*

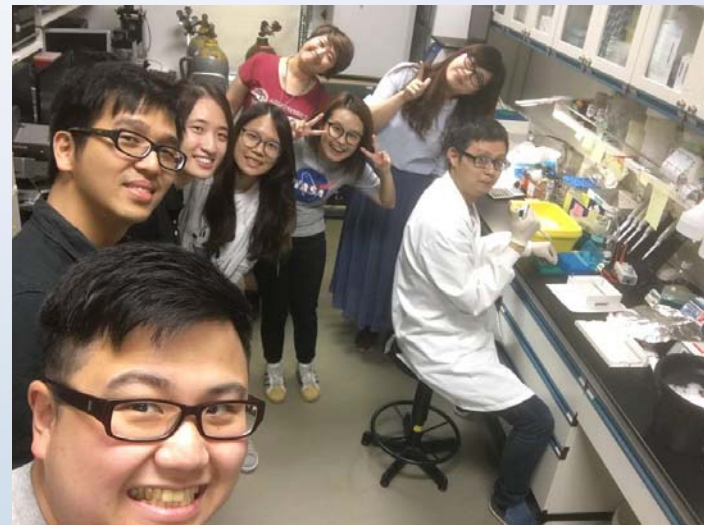
*Reporter*: 應化三 許O芳

# Lab Members

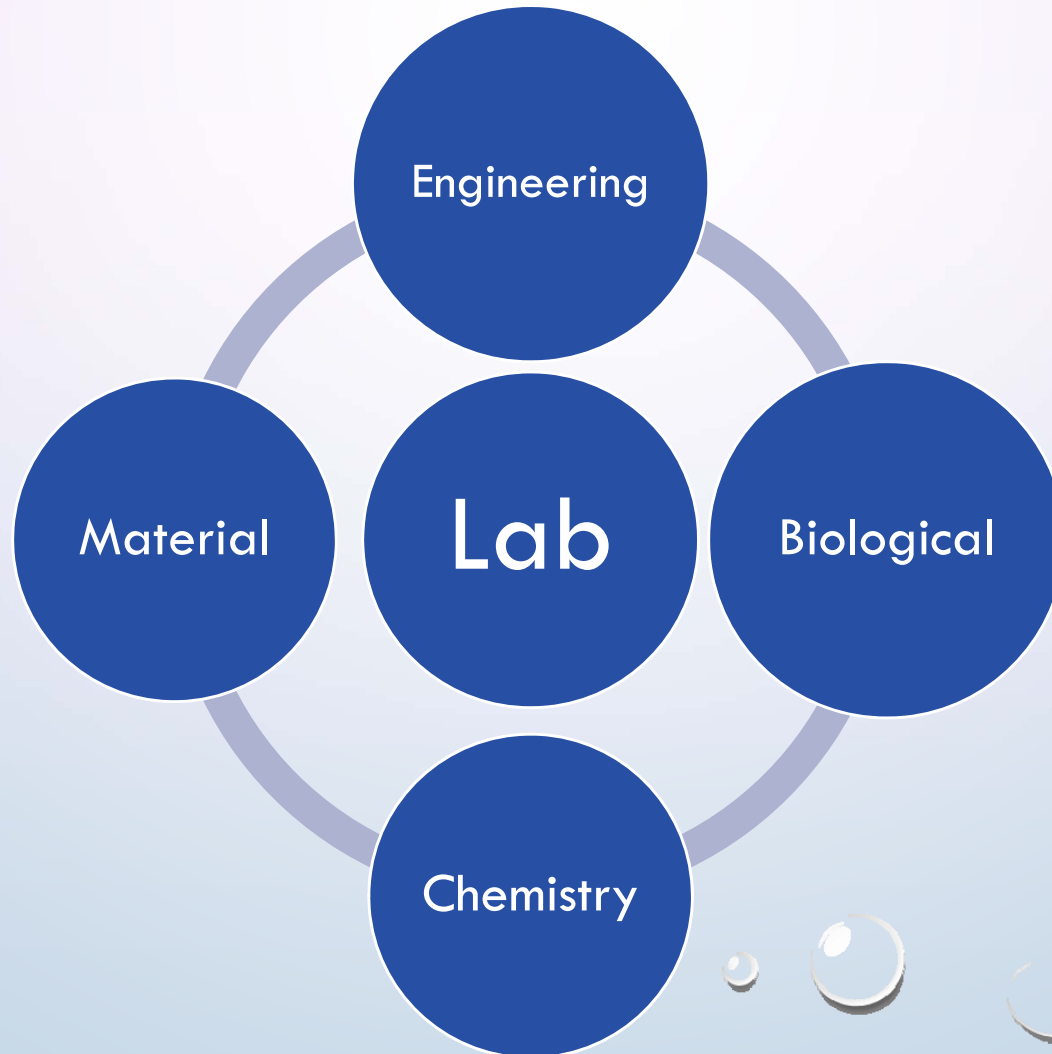


**BOSS**

Research Fellow : Ying-Chih, Chang



# Research Interests

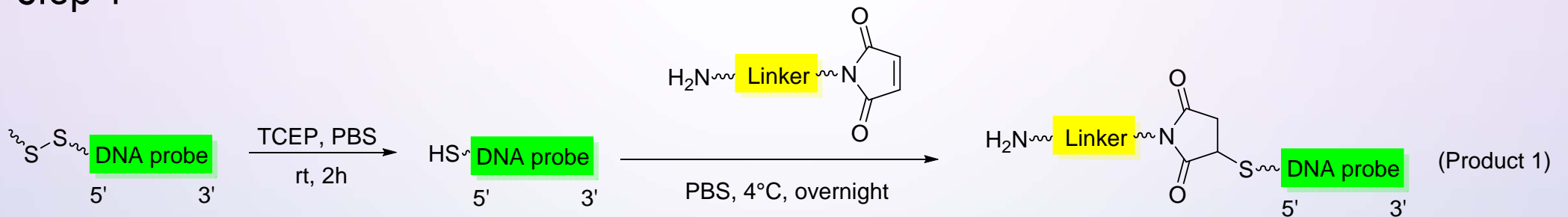


# Abstract

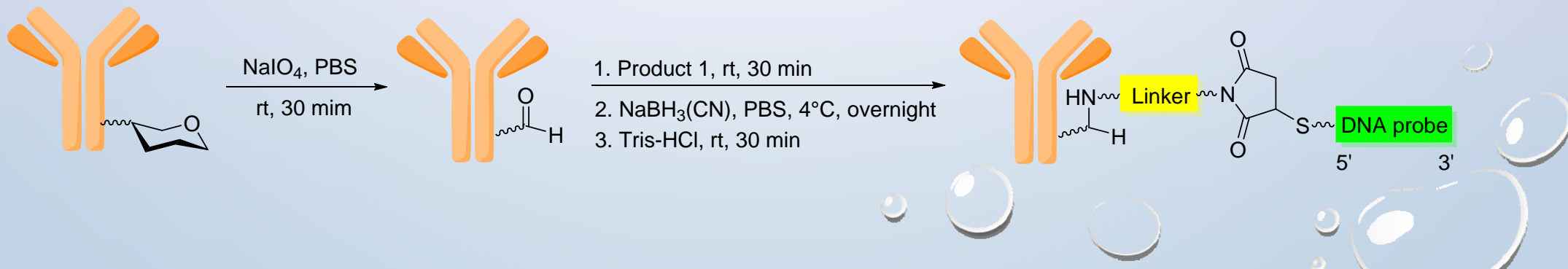
We synthesize EpCAM antibody with DNA by modifying the N-glycan within the Fc region of the antibody. Then we use amino linker to bind EpCAM and DNA probe together. According to the ion exchange, protein can be purified by FPLC, then, using Western blot to prove that there is no unexpected binding on EpCAM.

# Mechanism

Step 1 :



Step 2 :



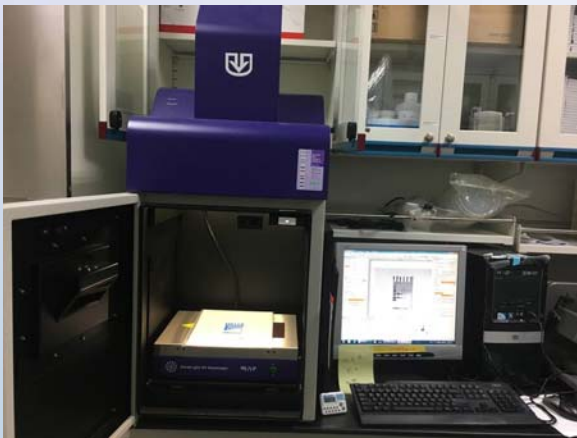
# Instruments



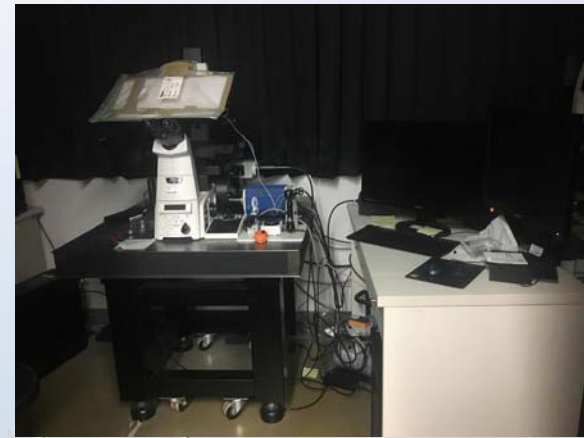
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FPLC(Fast Performance Liquid Chromatography)



BioSpectrum AC@ Imaging System



IFM(Inverted Fluorescence Microscopy)



# Environment

Lab



Culture Room



Dark Room



# Routine



Experiment



Meeting



Lecture



# Activities



Biotech Incubation Center  
visitation

Table Tennis Competition

The Ghost Festival



# Experience

- Experimental skills
- Instruments operation
- Knowledge
- Friendship
- Horizon

The background features a vertical gradient from light purple at the top to light blue at the bottom. Several translucent, 3D-style bubbles of various sizes are scattered across the scene, primarily concentrated in the top-left and bottom-right corners. The central text is rendered in a bold, dark blue, sans-serif font.

**Thank you!**