

# Industry relationship as Important roles for successful Innovation and Startup: Experiences from NTOU

Han-Jia Lin Ph.D.

Director of NTOU O.C.E.A.N  
Distinguished Professor





- **Founded in 1953**
  - **9,000 students**
  - **500 overseas students**
  - **500 professors**

契機 創意 堅忍 積極 崇高  
Opportunity Creativity Endurability Activeness Nobility



- **First level office since 2018**
  - **Industry-university fund > 800 M USD**
  - **Technology transfer > 1 M USD**

## SUSTAINABLE DEVELOPMENT GOALS



- Roles of University:
  - Concept promotion
  - Technology Innovation
  - Talent education
- What else we could do?



- Pros:
  - Create new industry
  - Value maximalization
  - Entrepreneurial spirit
  - Increase university fund?
- Cons:
  - Commercial dispute
  - Lack of experience
  - Risk
  - Who want to do this?





**giant bio**



- Cutting edge basic research
  - >20 SCI paper
  - >1000 citation since 2017
- Protect Animals' health
- Solve antibiotic overuse problem
- Products sale in Taiwan, China, Vietnam





## Han-Jia Lin

Received a subsidy of **57.55** million

【Antibiotic replacement technology】

The 16th National Innovation Award

2021 Taipei Biotechnology Awards Technology Transfer Cooperation Bronze Award

**Capital 1.2 million USD**



## Hsin-Yiu Chou

Received a subsidy of **45** million

【Development of one-stop application of new aquatic additives】

Ministry of Science and Technology Academic Entrepreneurship Pioneer Award

Outstanding Technology Transfer Contribution Award

**Capital 1 million USD**



## Meng-Chou Lee

Received a subsidy of **30** million

【Development of high-value application products of red algae】

**Capital 0.8 million USD**



## Ming-Wei Lu

Received a subsidy of **22** million

【With Lipoplex Oral Delivery Platform】

The 18th National Innovation Award

## 112 New creation :

健得生物科技

## Ming-Wei Lu

Received a subsidy of **21** million

【Commercialization plan of sex regulation technology for aquatic seedlings on a new platform】

- Keys to university start-up success
  - Policy Support
  - Relaxation of Regulations
  - Ecosystem establish



- Start-up alumni, Bootcamp, Demoday....
- Student start-up club, financial support, investor matching



Thank you for your time and attention

