





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





Who are We?







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





Operation Center for Enterprise Academia Networking

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



How can we increase our impacts to the industry?

SUSTAINABLE GALS







9 INDUSTRY, INNOVATION AND INFRASTRUCTURE











17 PARTNERSHIPS FOR THE GOALS

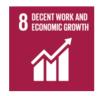








13 CLIMATE













 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?





My start-up experience





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





5 NTOU start-up since 2019



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 】



Ming-Wei Lu

Received a subsidy of 22 million

【 With Lipoplex Oral Delivery Platform 】

The 18th National Innovation Award

Capital 0.8 million USD

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



Creating start-up friendly campus

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

























Thank you for your time and attention

