



# Training Program for Interdisciplinary Talents of Biomedicine and New Agriculture (TPBNA)

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Chung-Liang Chien

# TPBNA Office

## Program Office Project A



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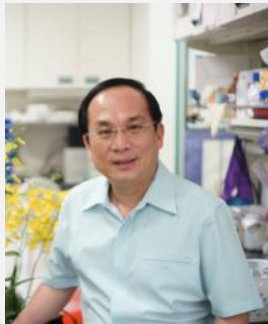


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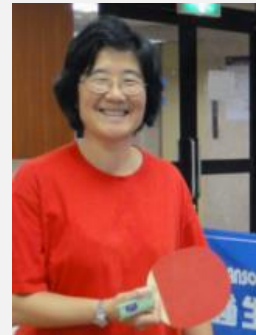
## Project B



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# Project Structure

**Ministry of Education**  
(Department of Information and Technology Education)



Advisory Committee

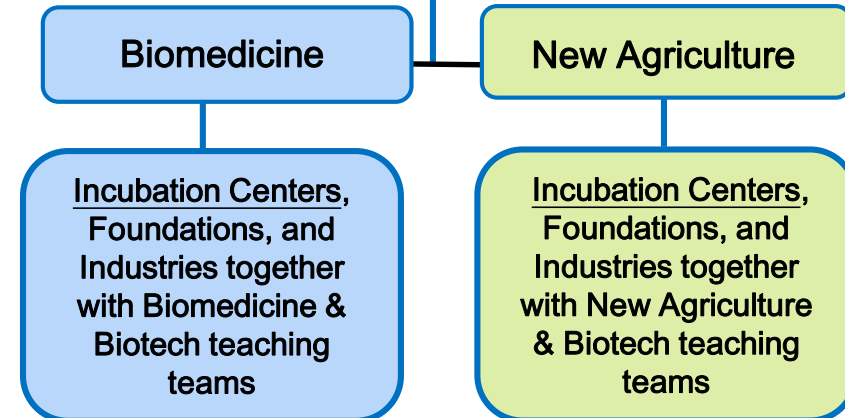
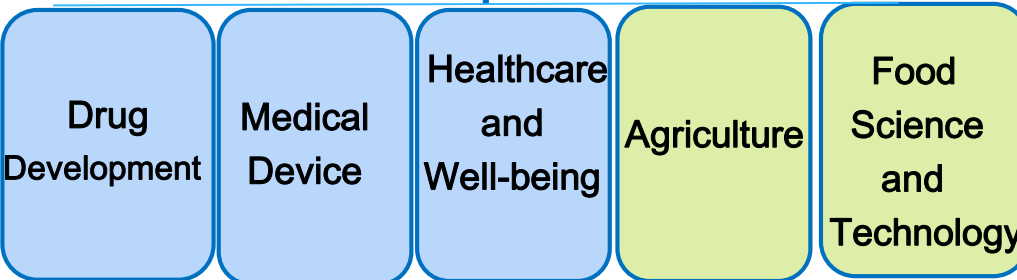
**TPBNA Office**

**Project A**

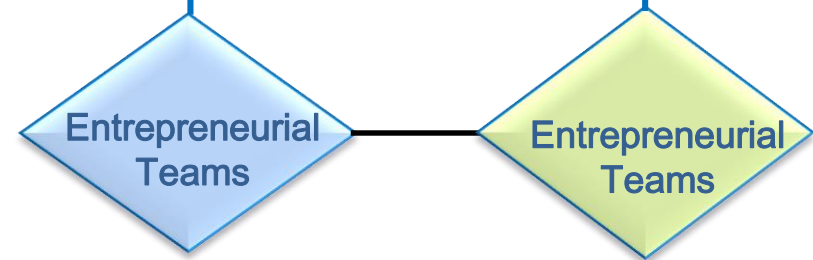
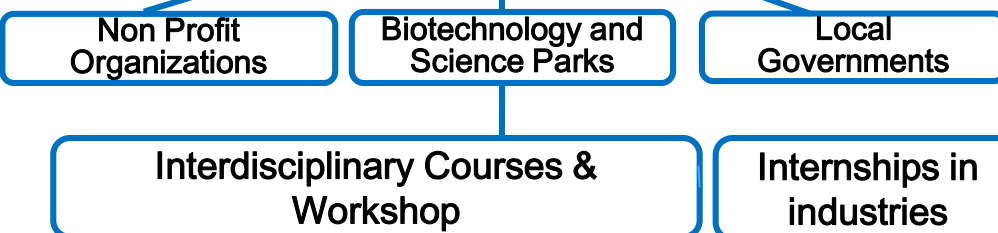
**Project B**

**Collaboration between Academia and Industry**

**Innovation and Entrepreneurship**

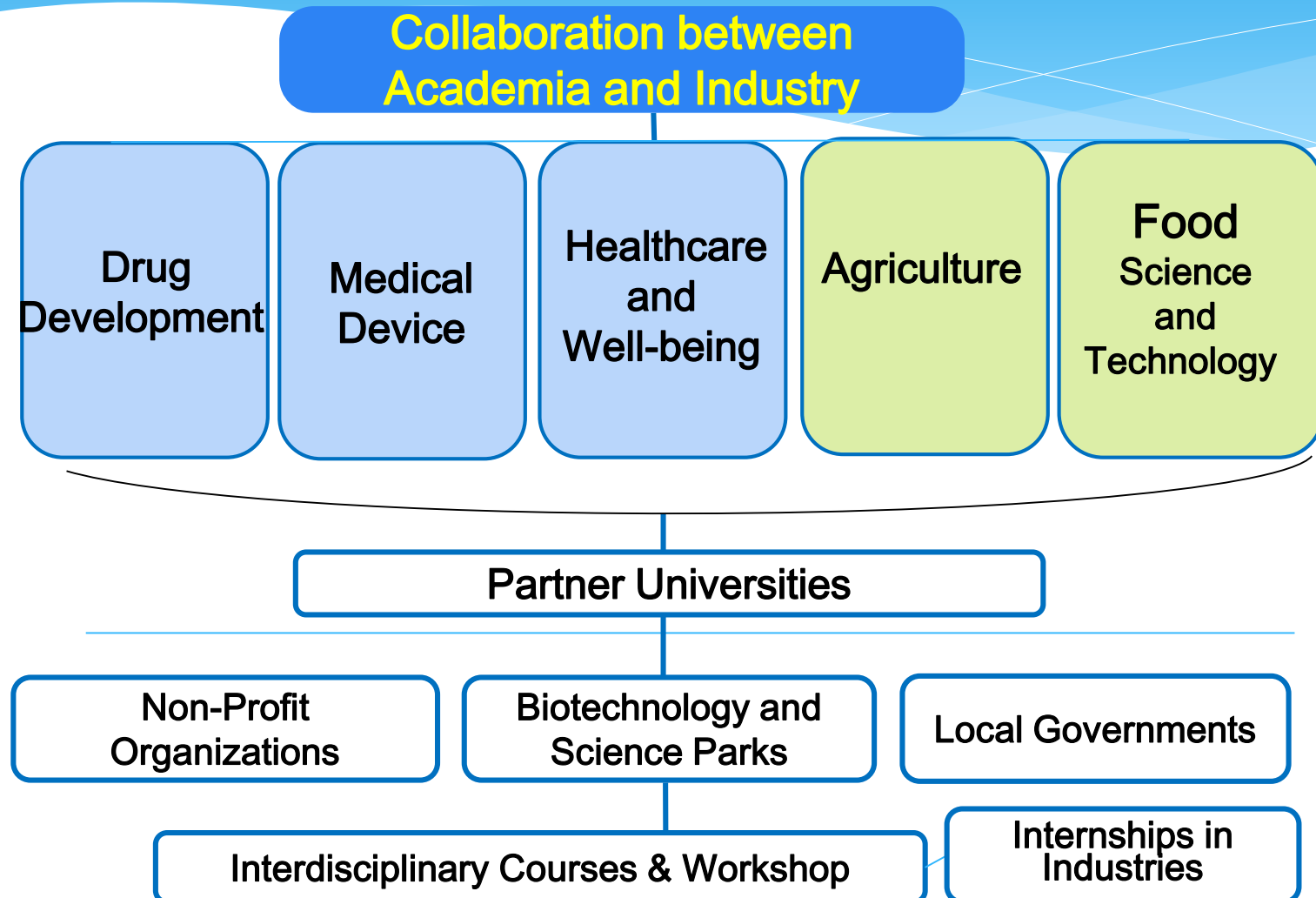


**Partner Universities**

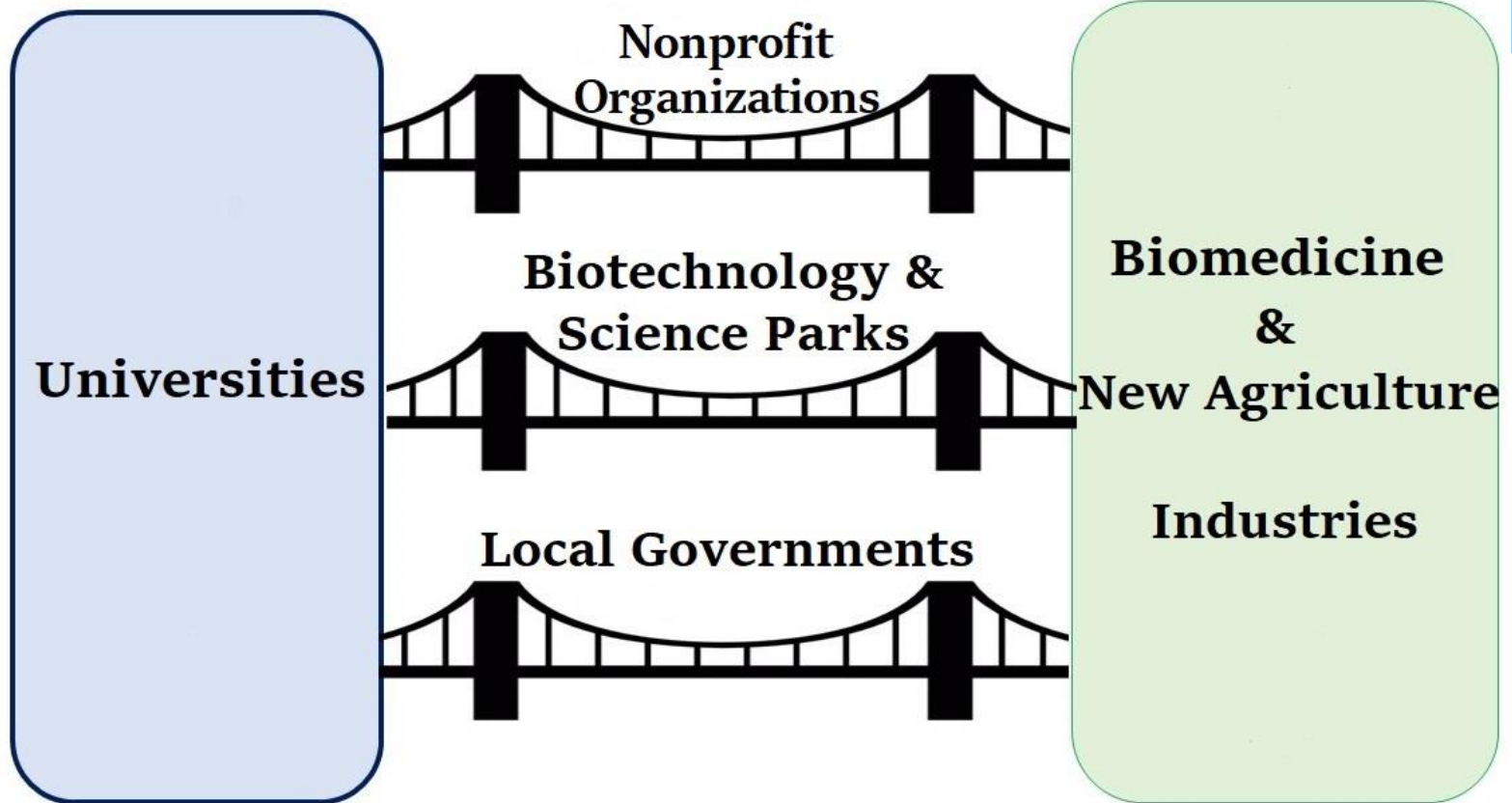


20 -25 Universities or Colleges  
will be supported

# STRUCTURE OF PROJECT A



# APPROACHES



# Bio-Clusters in Taiwan

**Medical Device**  
(Mobile Device & ICT)

新竹生物醫學園區  
(竹北)

新竹科學工業園區  
(新竹、竹南)

中部科學工業園區  
(台中、后里、二林、  
虎尾、南投)

臺灣蘭花生物科技園區  
(台南) **Agriculture**

南部科學工業園區  
(台南、高雄園區)

**Medical Device**  
(Orthopedics & Dental implants)

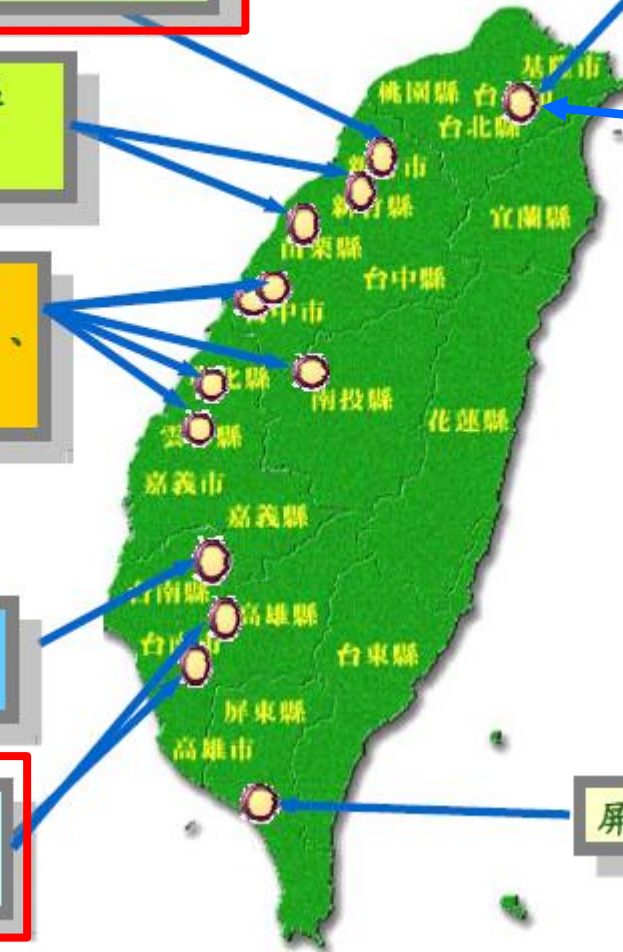
南港生物科技園區

南港國家生技研究園區  
(中研院統籌)

National Biotechnology  
Research Park, Taipei, Taiwan

**New Pharmaceuticals**

屏東農業生物科技園區  
**Agriculture**



# STRATEGIES

## Fulfill with Government's Policy

- Bridge the gap between supply and demand of work force in biotech industry
- Increase the influence of innovative capabilities and biotech-clustering effects
- Cultivate talents to meet the needs of bio-industry development

## Design the Novel Curricula for Biotech

- Create on-the-job training courses, internships, teamwork programs
- Invite industry experts to engage with students and faculty
- Establish interdisciplinary core courses and nurture students with global perspectives

## Strengthen Teaching Capacity and Effectiveness

- Integrate teaching resources and cultivate professional and innovative teaching staff
- Organize interdisciplinary teaching teams and establish creative teaching strategies

## Establish Connections

- Collaboration between academia and industry by encouraging university teaching staff to participate in the industrial collaboration
- Invite industry experts to participate in teaching



# Acknowledgement



資訊及科技教育司



行政院科技會報



教育部 生醫產業與新農業跨領域人才培育計畫

Training Program for Interdisciplinary Talents of Biomedicine and New Agriculture

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相關連結

常見問題



計畫辦公室



教學推動中心



夥伴學校



相關活動



最新消息



關於本計畫

