



中药全球化联盟

CONSORTIUM FOR GLOBALIZATION OF CHINESE MEDICINE



**Date: August 23, 2016 (Tuesday)**  
**Time: 16:15-18:45**  
**Venue: 1<sup>st</sup> Conference room, HSSB**  
**Session: Regulation and interregional  
collaborations in academia and industry**

President Yun Yen  
Taipei Medical University  
2016/08/25



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### Regulation and interregional collaborations in academia and industry

- Chairman: **Yun Yen**, Taipei Medical University
- Co-chairman:
  - **W. John Kao**, The University of Hong Kong
  - **Natalie I-Nan Feng**, Taipei Medical University
  - **Yi-Tsau Huang**, DCMP, MOHW
- Panelists:
  - **James Zhou**, National and local joint engineering research center for antitumor drug development
  - **Vivian Wong**, The University of Hong Kong
  - **Abraham Chan**, PuraPharm International (HK) Ltd
  - **De-An Guo**, Shanghai Institute of Materia Corporation
  - **Chien-Hsin Deniel Cheng**, PhytoHealth Corporation
  - **Peikwen Cheng**, PhytoCeutica Inc.



## Major Themes

- Multiple partners of various sorts to achieve a variety of goals
  - Companies seeking academic partners
  - Universities seeking industry partners
  - Among university collaborators
  - Government-industry-academia
- Goals: product development, product characterization, publications, monograph development, resource development
- The emerging era of science-based collaborations between academia and industry offers advantages to both entities and a means by which academic institutions and industry can address global challenges to their mutual benefit and the well-being of society.
- Governments and international organisations can encourage, embrace, and actively facilitate such partnerships.



## Discussion and Outcomes

- Scientific Relations Between Academia and Industry:
  - Building on a New Era of Interactions for the Benefit of Society
- Need to understand motives, goals, needs of partners
  - Partners come to the table with different cultures
  - “Face-to-face talks” are key
- Clarify relationships
  - Be creative, yet realistic
  - Regulatory frameworks in different regions can pose
- Challenges
  - Intellectual property
  - Build on success stories



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Suggestions for necessary characteristics of productive academia industry scientific relations that are consistent with the balance between freedom and responsibility. These characteristics include the need to:

- Begin relationships with legal agreements that include equitable intellectual property and commercial rights;
- Understand that academia's primary function is education, learning, research, and knowledge generation, while that of business is to produce products and services for societal needs with an economic return, but also understand that the two primary functions are not mutually exclusive or incompatible;
- Maintain openness, transparency and flexibility;
- Establish respect for each other's work environments, ethical standards, values, goals, and objectives;
- Build trust and good working relationships;
- Identify what international science and other organisations can do to assist and promote such cooperation.



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**Thank you for your attention !**



***Hope you can enjoy your trip in Taiwan!***