

Observation and results of the session:  
Natural Products III (Identification,  
Bio-transformation and Metabolism)

2017-08-20 Guangzhou

# Panel Members:

Chairman:

Su-qin SUN, Tsinghua University

Co -chairman:

Kelvin CHAN, Liverpool University

Hua ZHOU, Macau University of Science and Technology

Bo LIU, Guangdong Provincial Hospital of Provincial Hospital of Chinese  
Medicine

Panelist:

Jing-Hong ZHANG, Huaqiao University

Qun ZHOU, Tsinghua University

Bao-Shun ZHANG, Southwest University of China



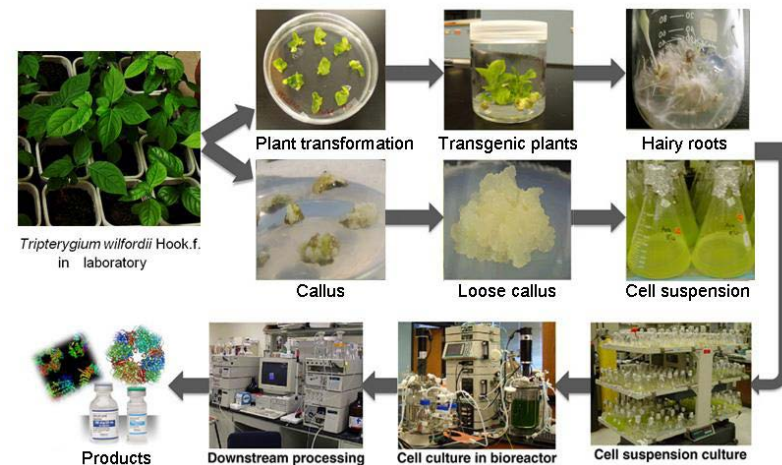
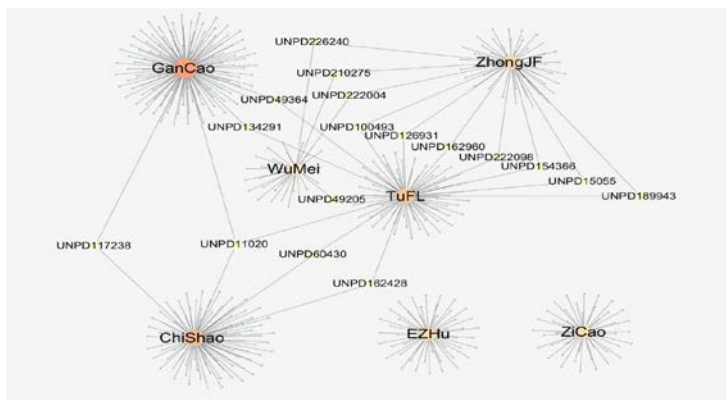
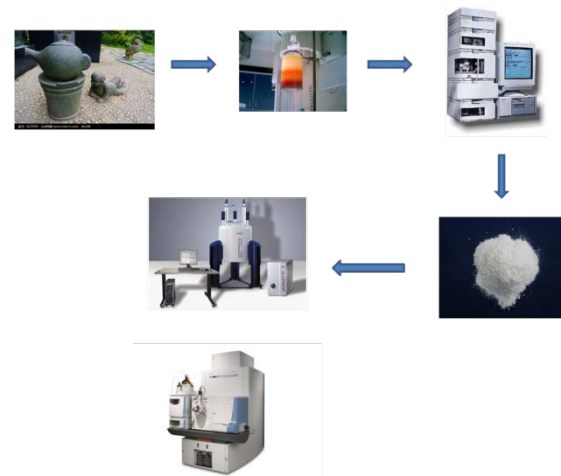
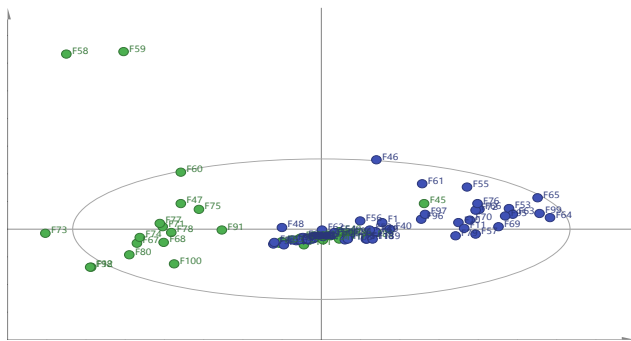
- Good attendants from 80+ meeting participants, 30+ posters for this session were submitted and 10 speakers were invited.
- 7 creative session speakers: 3 from Guangdong, 1 from Hongkong, 1 from Quanzhou, 1 from Chongqing, and 1 from Graz (Austria).

16:15~18:45 Aug 19;

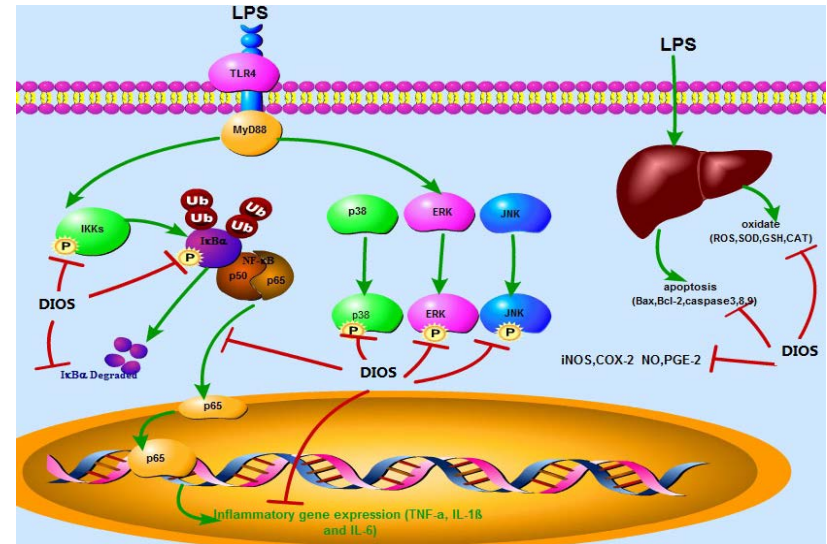
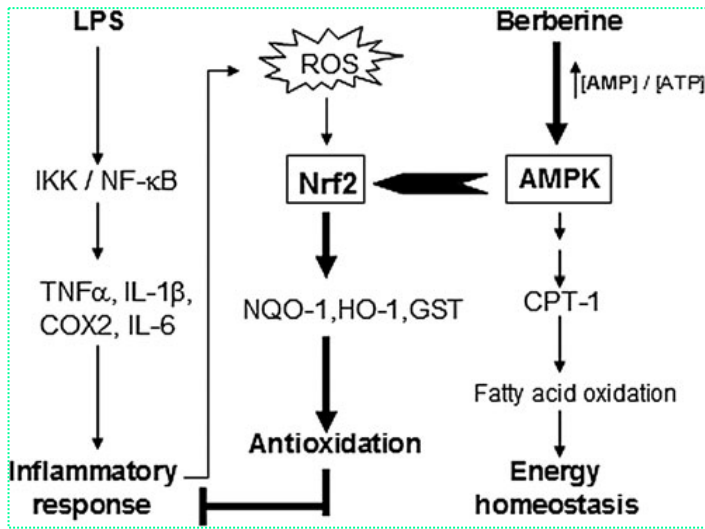
Shenzhen Hall 2<sup>nd</sup> Floor, Block 2

Useful discussions on:

- Need or no need to investigate a wide range of dose dependent in the activity evaluation for TCM?
- Need or no need to introduce a strong positive control drug in the activity evaluation?



- Discussion on the discovery and identification of bioactive (chemical) components and single compounds by multivariate statistical analysis, regular Extraction-separation-elucidation, GC-MS, U(H)PLC-MS, network pharmacology, and biosynthesis.



- Discussion on the mechanism of Chinese herbal medicines through the study of different receptors and pathways.

# And Discussion on the impact of gut microbiota to the activity of Chinese medicine.



## Suggestions for the future improvement:

- Pay attention to the application of various practical technologies and methods. Such as: multivariate statistical analysis, network pharmacology, and biotransformation.
- Pay attention to the application of Interdisciplinary. Such as: Gut Microbiology.
- Pay attention to the new target and the new pathway in the TCM study.
- Pay attention to the market transformation and commercial value development of laboratory research.





Thank you for your attention!