

Summary reports on “Polychemical activities and mechanistic study II (Metabolic, neural disease, aging processing, and others)” 24th August (13:30-16:00). 2.5 hr was spent.

Chairman: Prof Haruki Yamada

Co-Chairman: Prof Ping Li and Wen-Chin Yang

We have selected 10 persons to give a short lecture (12 min presentation + 3 min discussion) from the poster presentation. Indeed, we only had 7 presenters to deliver talks. The topics cover from molecular mechanism, preclinical study and clinical study of herbal medicine.

1. Prof Ping Li from Sino-Japanese Friendship Hospital, Beijing
Effects of Tangshen formula on kidney diabetes: Mechanistic review.
2. Prof Baoping Jiang's member from Institute of Medical Plant Development, Beijing
The flower tea *Coreopsis tinctoria* increases insulin sensitivity and regulates hepatic metabolism in rats fed a high fat diet.
3. Prof Stephen Cho Wing Sze from The University of Hong Kong, Hong Kong
Anti-oxidant effect of Chinese medicine formula, Erxian decoction, on retarding ovarian aging via up-regulation of Nrf2 signaling pathway of relieving menopause.
4. Prof Sai Wang Seto from Western Sydney University, Australia
Sailuotong prevents hydrogen peroxide-induced damage in EA.hy926 cells
5. Prof Yaozu Xiang from Tongji University, Shanghai
Dissection of Chinese herbal medicine for anti-VWF therapeutics to prevent and treat cardiovascular disease
6. Prof Wen-Chin Hou from Taipei Medical, Taipei
Yam tuber dioscorin and its active peptides derived from in silico hydrolysis exhibits dipeptidyl peptidase IV inhibitory activities in vitro and oral glucose tolerance improvements in normal mice.
7. Prof Wen-Chin Yang from Agricultural Biotechnology Research Center, Taipei
Research and development of anti-diabetic medicines.

The panelists (Drs Stephen Cho Wing Sze, Ya-Ching Shen and Yaozu Xiang) were all present and facilitated the discussion. Three to five questions and/or comments from the enthusiastic audience were brought up for a presenter. The audience and panelists also advocated the collaboration between basic researchers and clinicians on the topics from molecular mechanism, preclinical study and clinical study of herbal medicine.