

Summary Report of Natural Products II

This session consists of fifty-one posters and 10 presentations on Anticancer, Antivirus and Anti-inflammation, including:

- (I) Oblongifolin C inhibits cancer cell proliferation by targeting ER stress, HSP70 and Cathepsin B
- (II) Shikonin inhibits Th17 cell mediated inflammation in dextran sulphate sodium-induced colitis in mice
- (III) Shikonin induced the immunogenicity of mammary tumor cells by direct binding-interference with hnRNPA1
- (IV) Effects of *Wedelia chinensis* extract on prostate cancer by modulating the immune system and enhancing docetaxel chemotherapy
- (V) Corosolic Acid, the active principle of *Actinidia chinensis*, inhibits hepatocellular carcinoma cell migration by targeting the VEGFR2/Src/FAK pathway
- (VI) Two CHMs inhibit glioblastoma and its cancer stem cells *in vitro* and *in vivo*
- (VII) Application of LC/MS/MS to establish quality control analysis fingerprinting for CHM-FM1523

During the Session, we discuss how to improve the quality of CHM research by targeting the FDA new drug approval:

- (a) Improving the PK of CHM
- (b) Quality of active principle of CHM
- (c) Improving the evidence of CHM by synergistic interaction with chemotherapy drug
- (d) Toxicity of CHM by improving its therapeutic index