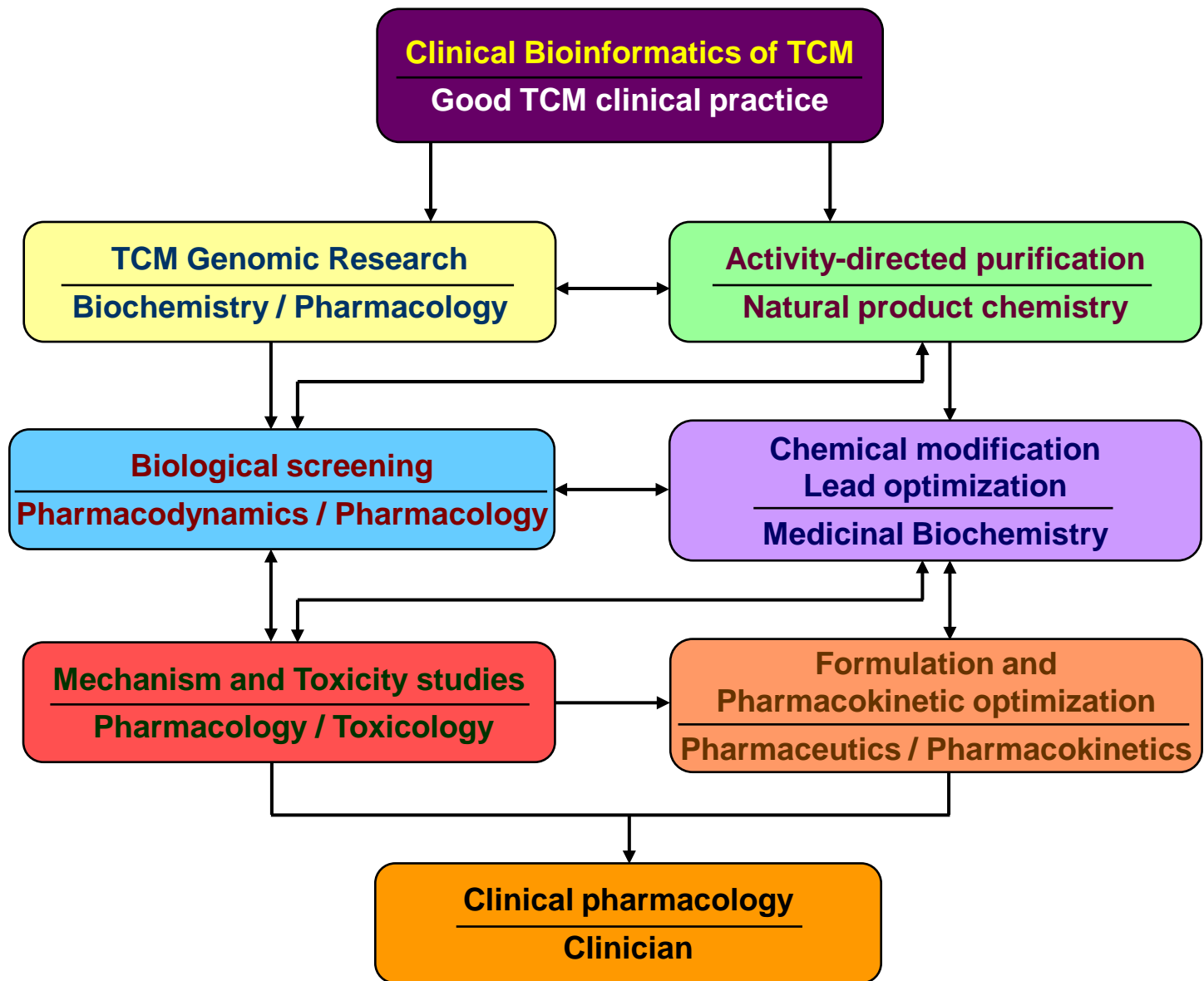


Integrated Research on Chinese Medicine and Nature Products



Research Platforms and Goals in Graduate Institute of Natural Products

Cell Pharmacology Lab Dr. Tsong-Long Hwang	To explore the anti-inflammatory effects and action mechanisms of natural products	The study of pharmacology of potential natural products for developing better therapeutic strategies
Pharmaceutics Lab Dr. Jia-You Fang	To examine the feasibility and efficacy of the nanosystem-encapsulated natural products	Application for mechanistic studies & therapeutic uses
Natural Products Pharmacology. Lab Dr. Chang-Hui Liao	To elucidate the molecular mechanisms of natural products on anti-platelet, anti-inflammation, anti-free radical and antioxidant effects	Application for therapeutic uses
Natural Products Chemistry Lab Dr. Yann-Lii Leu	To purify bioactive components and establish their HPLC fingerprints from natural products	Application for chemotaxonomy & therapeutic uses
Medicinal Chemistry Lab Dr. Pei-Wen Hsieh	To isolate, synthesis, and modify new lead natural product derivatives from natural source. Also, to develop new tyrosine kinase inhibitors	Apply for pharmacologic, biomolecular, pharmaceutical studies, and for developing new drugs
Microbial metabolomics Lab Dr. Yin-Ru Chiang	To discover antimicrobial metabolites produced by microorganisms or plants using OMICs-related techniques	The combination of different OMICs analysis to reveal aspects of microbial metabolic diversity

Research Platforms and Goals in Graduate Institute of Chinese Medicine

