

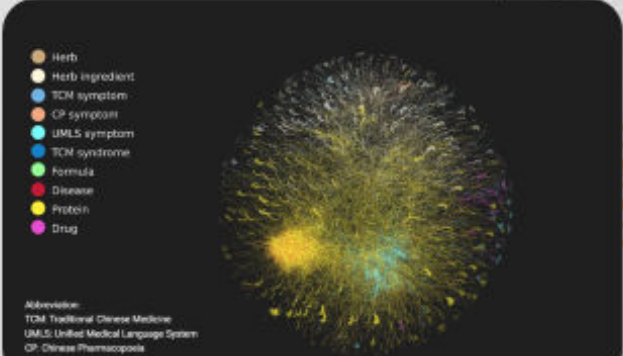
# COMPASS Health Technology An enterprise platform leading personalized systemic medicine based on the first integrated drug knowledge engine

**Summary** The COMPASS Health Technology is a HKU startup team providing AI drug management platform. Comprised of experts from HKU and other renowned institutions in the GBA, our team has developed a Knowledge Graph demonstrating how **Western Drug** and **Traditional Chinese Medicine (TCM)** are interconnected through the **Protein Protein Interactome (PPI)**, enabling us to provide comprehensive **Drug Safety Management** and **Personalised Medication Recommendations**. Our first product **DrugCompass** is a web-based system for Western and TCM exploration and risk warning and we are further launching Drug Recommendation APP. We plan to expand into a safer health supplement market with our drug knowledge engine.



**Prof. ZHANG Qingpeng**  
Associate Professor, Department of Pharmacology and Pharmacy & Musketeers Foundation Institute of Data Science

Led by **Prof. Zhang Qingpeng**, our startup team consists of top experts in AI drug science **from HKU**, comprising a total of **9 members** with a solid research foundation and an industry-leading scientific advisory team **in the GBA**, blending academic research, clinical practice, and management expertise to drive innovation in AI for drug discovery and public health. Members have extensive R&D experience and have made significant achievements in top medical and AI journals and patent filings.



## Cutting-Edge Technology

**Unrivaled AI-Powered Knowledge Graph**  
The industry's largest TCM–Western drug interaction database, with over 6.8M pairs, 41x more comprehensive than leading competitors.

**Real-Time DDI Risk Prediction**  
Delivers traceable, >91% accurate drug-drug interaction forecasts, ensuring unmatched reliability and speed.

**Globally Protected IP**  
Secured patents in China and the USA, safeguarding our proprietary innovation.

## Key Investment Opportunities

**Pioneering TCM–Western Integration**  
The world's first AI system bridging Traditional Chinese Medicine and Western pharmaceuticals, unlocking untapped market potential.

**Cost-Efficient Safety Solution**  
Reduces drug safety monitoring and interaction prediction costs by over 20%, delivering immediate ROI.

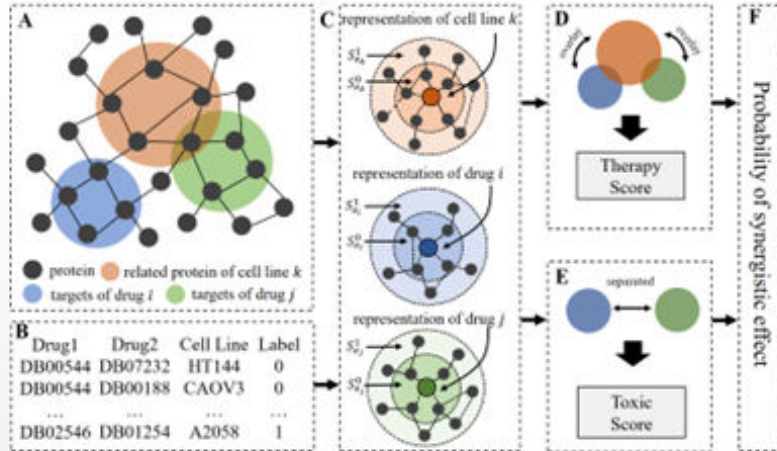
**Scalable Market Reach**  
Seamlessly deployable across hospitals, government and consumer platforms, addressing diverse, high-growth sectors.

## Product Scope

**TCM-Western Drug Combined Safety Management**  
Real-time monitoring of drug interactions and providing early warnings to irrational drug use. Targets >15,000 hospitals and clinics in the GBA.

**Personalised Drug Recommendations**  
Tailoring drug recommendations based on individual conditions and biomarkers. Targets 300M elderly people at the risk of inappropriate prescription in China.

**R&D of health supplements**  
Developing evidence-based health supplements for the \$400B market, combining TCM-Western science.



## Commercialisation & Development

**Phase 1: AI Drug Management Platform (\$20M, 3 Yrs)**  
Launch MVP for drug compliance in cooperated hospitals. Invest \$17M in AI, marketing, hiring; \$3M in compliance.  
**Goal:** 100+ institutional users, \$8M revenue. Patented techs ensure the platform's usability and stability.

**Phase 2: Personalized Recommendations (\$75M, 5 Yrs)**  
Build personalized prescription app for elderly (\$200B market). Invest \$60M in trials, AI, marketing; \$15M in partnerships.  
**Goal:** 1M users, 50+ healthcare partners.

**Phase 3: Nutraceuticals (\$200M, 5 Yrs)**  
Leverage user data from Phase 1 and 2 and our R&D team to launch supplements. First-mover TCM-Western AI drives scalability.  
**Goal:** Capture 1% market share.