

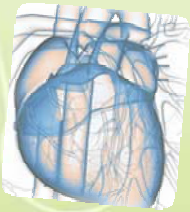
## JCM01021 – Myocardial Ischemia

Research Partner: HK Polytechnic University  
Principal Investigator: Prof. Albert Chan (陳新滋院士)



### Development Background / Rationale

JCM01021 is a chemical complex in oral formulation with enhanced bioavailability derived from Puerarin, a major active compound of *Radix Puerariae* (RP), which improves the deficiencies of high dosage and low bioavailability of existing RP based products.



### Special Product Features / Technical Excellence

- A chemical complex of Puerarin in oral dosage form (patent pending; PRC)
- Indication of efficacy against myocardial ischemia in animal models in terms of the decrease in the elevation of ST segment in electrocardiograph (ECG), infarct size and the secretion of creatine kinase
- Toxicity studies indicate its safety profile.

### Competitive Advantages

- No adverse drug effect has been observed in the chronic toxicity study - a potentially good candidate for stable angina pectoris and recovery of myocardial ischemia.
- The mechanistic studies revealed the myriad of pharmacological effects: vasodilation, induction of angiogenesis, lipid lowering, etc.
- The raw materials for this product is abundant and of low cost.

### Development Status

- IND application (Class II new chemical drug) was approved by SFDA for clinical trials in the PRC
- Patent filed in the PRC and HK

### Application & Business Opportunities

- Oral dosage form (capsule) for coronary artery diseases, angina pectoris, myocardial ischemia;
- Further R&D and commercialization to develop medicines for the Mainland China, Hong Kong and International markets.

### Contact for Licensing & Business Opportunities:

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