

## Herbs that tonify the Yin

Mai Men Dong 麦门冬  
( Slightly cold )



Chemical Composition	Ophiopogonin A, B, C, D; ruscogenin		
Pharmacological Effects	Antiarrhythmic	Cardiovascular	Antibiotic
Clinical studies and research	Coronary artery disorder		
	Use in elderly patients		



Tian Men Dong 天門冬( very cold )

Chemical Composition	Asparagine, 5-methoxy-methylfurfural	
Pharmacological Effects	Antibiotic	Antineoplastic
Clinical studies and research	Breast tumor	Malignant lymphoma



Shi Hu 石斛  
( slightly cold )



Chemical Composition	Dendrobine, nobilonine, dendramine, dendroxine, dendrine	
Pharmacological Effects	Gastrointestinal	Antipyretic & analgesic
Clinical studies and research	Atrophic gastritis	



Bai He 百合  
( slightly cold )



Chemical Composition	Colchicine, starch, protein, lipids, sugars, organ acids	
Pharmacological Effects	Respiratory	Adaptogenic
Clinical studies and research	Atrophic gastritis	Sores
Herb-drug interaction	Bleeding	sedatives



Nu Zhen Zi 女貞子( cool )



Chemical Composition	Oleanolic acid, nuzhenide, ligustroside		
Pharmacological Effects	Immunostimulant	Antidiabetic	Antihyperlipidemic
	Hematological	Anti-inflammatory	
	Hepatoprotective	Antibiotic	
Clinical studies and research	Chronic hepatitis	Neutropenia	
	Hypercholesterolemia		
Herb-Drug Interaction	Antidiabetics		



## Mo Han Lian 墨旱連( Cool)



Chemical Composition	Wedololactone, demethyl wedelolactone...	
Pharmacological Effects	Dysentery	Coronary artery disease
	Bleeding	
Clinical studies and research		



Regulate the Qi herbs

Chen Pi 陈皮  
(warm)



Chemical Composition	Hesperidin, nobiletin, limonene, tangeretin		
Pharmacological Effects	Gastrointestinal	Antiasthmatic	Anti-inflammatory
	Cardiovascular		
Clinical studies and research	Acute mastitis	Chronic bronchitis	
	Cholelithiasis	burns	



Qing Pi 青皮  
(warm)



Chemical Composition	Hesperidin, nobiletin, limonene, pinene...	
Pharmacological Effects	Gastrointestinal	Respiratory
	Sympathomimetic	
Clinical studies and research	Shock	Supraventricular tachycardia



**Mu Xiang** 木香  
**(Warm)**

Chemical Composition	Saussurine, costus lactone, dihydrocostus lactone...		
Pharmacological Effects	Respiratory	Effects on smooth muscles	cardiovascular
	Antibiotic		
Clinical studies and research	Flatulence	Gallbladder pain	
	Peptic ulcer disease		



Xiang Fu 香附  
( Neutral )

Chemical Composition	Cyperene, patchoulenone, limonene, limonene			
Pharmacological Effects	Sedative	Uterine relaxant		
	Analgesic	Antipyretic	Cardiovascular	
	Antibiotic			
Clinical studies and research	Gastrointestinal disorders	Flat warts		



**Chuan Lian Zi**  
川棟子 (cold)

Chemical Composition	Tootsendanin, mergsine, melianone, melianol, melianediol		
Pharmacological Effects	Antiparastic	Respiratory	Antitoxin
Clinical studies and research	Acute mastitis		



Zhi Shi 枳实  
( slightly cold)



Chemical Composition	Synephrine, N-methyltyramine, hesperidin, neohesperidin		
Pharmacological Effects	Cardiovascular	Circulatory	
	Diuretic	Gastrointestinal	Effects on the uterus
Clinical studies and research	Shock	Cardiac failure	
	Uterine prolapse		
Herb-drug interaction	diuretics		





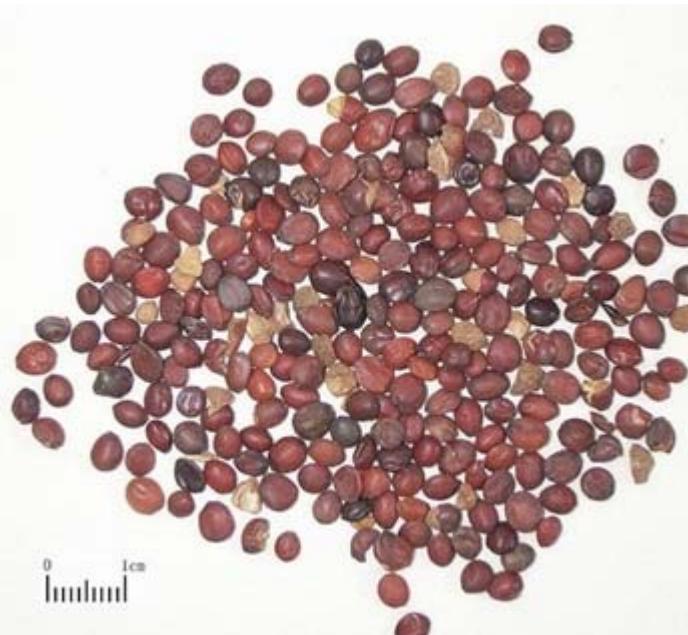
# Herb Pharmacology

中藥藥理學

Calm the spirit herbs

Suan Zao Ren 酸枣仁  
( Neutral )

Chemical Composition	Jujuboside, betulin, betulinic acid, jujubogenin, ebetinlaetone...			
Pharmacological Effects	Sedative and hypnotic	Cardiovascular	Uterine stimulant	
	Analgesic	antipyretic		
Clinical studies and research	Insomnia	Neurasthenia		
	Altitude stress			
Herb-Drug Interaction	sedatives			



Yuan Zhi 远志  
( slightly warm )



Chemical Composition	Onjisaponin; tenuigenin, tenuifolin, presenegenin		
Pharmacological Effects	Expectorant	CNS suppressant	
	Diuretic	Antibiotic	Uterine stimulant
Clinical studies and research	Acute mastitis Trichomonal vaginitis		
Herb-drug interaction	Ethanol	diuretics	

