



Herbs that drain dampness

Huang Qin (Cold)  
黄芩



<b>Chemical Composition</b>	Baicalin, baicalein, wogonin, wogonoside, chrysin, oroxylin A		
<b>Pharmacological Effects</b>	Antibiotic	Anti-inflammatory	Antipyretic
	Cholagogic & hepatoprotective	Antihypertensive	Others:mild sedative & diuretic
<b>Clinical studies and research</b>	Hepatitis	Hypertension	
	Epidemic encephalitis	Scarlet fever	Trachoma
<b>Herb-Drug Interaction</b>	antibiotics		



Huang Lian 黄连  
(Cold)



Chemical Composition	Baicalin, baicalein, wogonin, wogonoside, chrysin, oroxylin A		
Pharmacological Effects	Antibiotic	Anti-inflammatory	Antipyretic
	Cholagogic	Cardiovascular	antiulcer
Clinical studies and research	Bacterial dysentery	Acute gastroenteritis or enteritis	
	Pulmonary tuberculosis	Suppurative otitis media	arrhythmia
Herb-Drug Interaction	antibiotics		



## Huang Bai (Cold) 黄柏



Chemical Composition	Berberine, palmatine, jatrorrhizine...		
Pharmacological Effects	Antibiotic	Antihypertensive	Antitussive and expectorant
Clinical studies and research	Chronic bacterial dysentery		Chronic bronchitis



## Long Dan Cao (Cold) 龙胆草



Chemical Composition	Gentiopictin, gentiopicroside, sweroside, swertiamarin, amarogentin,		
Pharmacological Effects	Cholagogic	Hepatoprotective	Diuretic
	Effects on the CNS	Antibiotic	Gastrointestinal
Clinical studies and research	Hepatitis		Encephalitis B
Herb-Drug interaction	Diuretics		sedatives



# Herb Pharmacology

中藥藥理學

Ku Shen 苦參  
(Cold)



<b>Chemical Composition</b>	Alkaloids, flavonoids, triterpenoids			
<b>Pharmacological Effects</b>	Antiarrhythmic	Cardiovascular		Immunostimulant
	Respiratory	Antibiotic	antineoplastic	Antiparasitic
<b>Clinical studies and research</b>	Bacterial dysentery			Arrhythmia
	Chronic bronchitis or bronchial asthma			insomnia
	Dermatological application			





Herbs that drain dampness

# Herb Pharmacology

# 中藥藥理學

Fu Ling 茯苓  
(neutral)



Chemical Composition	Pschymose, pachyman, pachymaran, tumulosic acid,		
Pharmacological Effects	Diuretic	Antineoplastic	Sedative
	Antibiotic		
Clinical studies and research	Edema	Tumor	
	Schizophrenia		
Herb-drug interaction	Ethanol	diuretics	





# Herb Pharmacology

# 中藥藥理學

Zhu Ling 猪苓  
(slightly cool)



Chemical Composition	Ergosterol, biotin, polyporenic acid A, C; polyporusterone		
Pharmacological Effects	Diuretic	Antineoplastic	Immunologic
	Antibiotic	Hepatoprotective	
Clinical studies and research	Tumor		Psoriasis
	Chronic viral hepatitis		
Herb-drug interaction	Diuretics		



**Ze Xie 泽泻**  
(Cold)



<b>Chemical Composition</b>	Alisol A, alisol B, alisol A monoacetate, alisol B monoacetate...		
<b>Pharmacological Effects</b>	Diuretic	Antihyperlipidemic	Antihypertensiver
<b>Clinical studies and research</b>	Hypercholesterolemia	Dizziness and vertigo	
<b>Herb-drug interaction</b>	Diuretics		



## Che Qian Zi 车前子 ( Cold )



<b>Chemical Composition</b>	Planterolic acid, plantagin, plantenolic acid, plantasan,		
<b>Pharmacological Effects</b>	Diuretic	Antitussive and expectorant	
<b>Clinical studies and research</b>	Infantile diarrhea		
<b>Herb-drug interaction</b>	Absorption	diuretics	



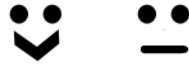
Yin Chen 茵陈  
(slightly cold)



Chemical Composition	Capillanol, capillarin, capillarin, capillartemisin A, B;		
Pharmacological Effects	Cholagogic	Hepatoprotective	Antihypertensive
	Antihyperlipidemic	antibiotic	Antipyretic
Clinical studies and research	Hepatitis	Parasitic infestation of the bile duct	
	Hypercholesterolemia	Topical fungal infection	
Herb-drug interaction			



Hua Shi 滑石  
(Cold)



Chemical Composition	Mg <sub>3</sub> (Si <sub>4</sub> O <sub>10</sub> )(OH) <sub>2</sub>	
Pharmacological Effects	Effects on skin & Mucous membranes	
Clinical studies and research	Urinary tract infection	





**Chuan Mu Tong** 川木通  
(slightly cold)



<b>Chemical Composition</b>	Climontanoside B.	
<b>Pharmacological Effects</b>	Diuretic	
<b>Clinical studies and research</b>	Painful obstruction syndrome	Dysuria syndrome

**Guan Mu Tong** 关木通  
(slightly cold)



<b>Chemical Composition</b>	Aristolochic acid A, D; aristoloside, magnoflorine, oleanolic acid...		
<b>Pharmacological Effects</b>	diuretic	Cardiovascular	Antibiotic
<b>Clinical studies and research</b>	Urinary stones		

Deng Xin Cao 灯心草  
(slightly cold)



Chemical Composition	Araban, xylan, methyl pentosan, lutolin, luteolin, luteolin-7-glucoside		
Pharmacological Effects			
Clinical studies and research	Chronic nephritis		



**Bian Xu 扁蓄**  
(slightly cold)



Chemical Composition	Avicularin, quercitrin, d-catechol, gallic acid, caffeic acid, oxalic acid...		
Pharmacological Effects	Diuretic	Antibiotic	Antihypertensive
Clinical studies and research	Acute bacterial dysentery	Toothache	
Herb-drug interaction	diuretics		



植物分類學





Qu Mai 瞿麦  
( cold)



Chemical Composition	Eugenol, phenethylalcohol, methylsalicylate, homorientin,		
Pharmacological Effects	Diuretic	Uterine stimulant	Others
Clinical studies and research	Edema		
Herb Drug interaction	diuretics		



**Shi Wei 石韦**  
(slightly cold)



<b>Chemical Composition</b>	Isomangiferin, kaempferol, quercetin, isoquercitrin, trifolin		
<b>Pharmacological Effects</b>	Expectorant	Antitussive	Antiviral
<b>Clinical studies and research</b>	Chronic tracheitis		





## Downward draining herbs

# Herb Pharmacology

# 中藥藥理學

**Da Huang 大黃 (Cold)**



<b>Chemical Composition</b>	Sennoside A,B,C,D,E; emodin, aloe-emodin, chrysophanol, rhein,		
<b>Pharmacological Effects</b>	<b>Laxative</b>	<b>hepatoprotective</b>	<b>Cholagogic</b>
	<b>Hemostatic</b>	<b>antibiotic</b>	<b>cardiovascular</b>
	<b>Nephroprotective</b>	<b>Others</b>	
<b>Clinical studies and research</b>	<b>Nephropathy</b>	<b>Upper gastrointestinal bleeding</b>	
	<b>Acute pancreatitis</b>	<b>enteritis</b>	<b>constipation</b>
	<b>Hyperlipidemia</b>	<b>Acute icteric hepatitis</b>	<b>Tonsillitis</b>
<b>Herb-drug interaction</b>	<b>Cardiac glycosides</b>		



# Herb Pharmacology

中藥藥理學

Mang Xiao 芒硝  
(Very Cold)



Chemical Composition	Hydrated sodium sulfate, sodium chloride, magnesium chloride		
Pharmacological Effects	Laxative		
Clinical studies and research	Cessation of lactation	Rectal disorders	



# Herb Pharmacology

# 中藥藥理學

Lui Hui 芦荟  
(Cold)



Chemical Composition	Alon, aloe-emodin		
Pharmacological Effects	Laxative	Antibiotic	Antineoplastic
Clinical studies and research			
Herb-drug interaction	Cardiac glycosides		

