CLAIMS

What is claimed is:

1. A traditional Chinese medicine composition, wherein the traditional Chinese medicine composition comprises Coptidis Rhizoma, Aurantii Fructus Immaturus, Pinelliae Rhizoma, Trichosanthis Fructus, Cinnamomi Cortex and red yeast rice, ~~a daily administration dosage of the traditional Chinese medicine composition is 10-50g, preferably 14-38g~~and wherein the traditional Chinese medicine composition comprises 5-80 wt.% of Coptidis Rhizoma, 5-70 wt.% of Aurantii Fructus Immaturus, 10-60 wt.% of Pinelliae Rhizoma, 5-40 wt.% of Trichosanthis Fructus, and 2-12 wt.% of Cinnamomi Cortex and 10-60 wt. % red yeast rice.

2. The traditional Chinese medicine composition according to claim 1, wherein the Aurantii Fructus Immaturus is ~~preferably~~ Aurantii Fructus Immaturus parched with bran, the Pinelliae Rhizoma is ~~preferably~~ Pinelliae Rhizoma Praeparatumcum Zingibere Et Alumine, and the Trichosanthis Fructus is ~~preferably~~ whole Trichosanthis Fructus.

~~3. The traditional Chinese medicine composition according to claim 1 or 2, wherein the composition comprises 5-80 wt% of Coptidis Rhizoma, 5-70 wt% of Aurantii Fructus Immaturus, 10-60 wt% of Pinelliae Rhizoma, 5-40 wt% of Trichosanthis Fructus, 2-12 wt% of Cinnamomi Cortex, and 10-60 wt% of red yeast rice; preferably, the composition comprises 10-30 wt% of Coptidis Rhizoma, 10-30 wt% of Aurantii Fructus Immaturus, 10-30 wt% of Pinelliae Rhizoma, 5-30 wt% of Trichosanthis Fructus, 2-10 wt% of Cinnamomi Cortex, and 12-36 wt% of red yeast rice; more preferably, a ratio combination in the composition is as follows: 19.6 wt% of Coptidis Rhizoma, 19.6 wt% of Aurantii Fructus Immaturus, 19.6 wt% of Pinelliae Rhizoma, 26.1 wt% of Trichosanthis Fructus, 2.1 wt% of Cinnamomi Cortex, and 13.0 wt% of red yeast rice.~~

~~4~~3. A traditional Chinese medicine composition, wherein the composition comprises Coptidis Rhizoma, Aurantii Fructus Immaturus, red yeast rice, and optionally, one or more~~a plurality of optional selections~~ selected from the group consisting of Pinelliae Rhizoma, Trichosanthis Fructus, and Cinnamomi Cortex, and wherein the traditional Chinese medicine composition comprises 10-60 wt.% red yeast rice.

~~5~~4. The traditional Chinese medicine composition according to claim ~~4~~3, wherein the composition comprises 5-80 wt.% of Coptidis Rhizoma, 5-70 wt.% of Aurantii Fructus Immaturus, 0-60 wt.% of Pinelliae Rhizoma, 0-40 wt.% of Trichosanthis Fructus, and 0-12 wt.% of Cinnamomi Cortex~~, and 10-60 wt% of red yeast rice~~.

~~6~~5. A traditional Chinese medicine extract composition, prepared by mixing extracts of the ~~following six traditional Chinese medicinal materials:~~ Coptidis Rhizoma, Aurantii Fructus Immaturus, Pinelliae Rhizoma, Trichosanthis Fructus, Cinnamomi Cortex, and red yeast rice as defined in claim 1~~, a daily administration dosage of the traditional Chinese medicine extract composition is 1-15g, preferably 2-10g~~.

~~7~~6. The traditional Chinese medicine extract composition according to claim ~~6~~5, ~~wherein the content ratio of the extracts of the six traditional Chinese medicinal materials is as follows~~comprising:

a Coptidis Rhizoma extract accounts for 2-30 wt.%, and

a mixed extract of five traditional Chinese medicinal materials consisting of Aurantii Fructus Immaturus, Pinelliae Rhizoma, red yeast rice, Trichosanthis Fructus, and Cinnamomi Cortex accounts for 70-98 wt.%~~;~~.

~~preferably, the content ratio of the extracts of the six traditional Chinese medicinal materials is preferably as follows: the Coptidis Rhizoma extract accounts for 3-25%, and the mixed extract of five traditional Chinese medicinal materials consisting of Aurantii Fructus Immaturus, Pinelliae Rhizoma, red yeast rice, Trichosanthis Fructus, and Cinnamomi Cortex accounts for 75-97%; more preferably, the content ratio of the extracts of the six traditional Chinese medicinal materials is preferably as follows: the Coptidis Rhizoma extract accounts for 5-15%, and the mixed extract of five traditional Chinese medicinal materials consisting of Aurantii Fructus Immaturus, Pinelliae Rhizoma, red yeast rice, Trichosanthis Fructus, and Cinnamomi Cortex accounts for 85-95%.~~

~~8~~7. A traditional Chinese medicine extract composition, prepared by mixing extracts of the Coptidis Rhizoma, Aurantii Fructus Immaturus, red yeast rice, and optionally, one or more extracts from ~~selections from~~ the group consisting of Pinelliae Rhizoma, Trichosanthis Fructus, and Cinnamomi Cortex as defined in claim 3.

~~9~~8. The traditional Chinese medicine extract composition according to claim 7~~8~~, wherein the Coptidis Rhizoma extract accounts for 2-30 wt.%, ~~preferably 3-25%, more preferably 5-15%,~~ and the extracts of the remaining traditional Chinese medicinal materials account for 70-98 wt.%~~, preferably 75-97%, more preferably 85-95%~~.

~~10~~9. The traditional Chinese medicine extract composition according to any one of claims ~~6~~5-~~9~~8, wherein the traditional Chinese medicine extract composition contains the following active ingredients (mg/g): 6-122 mg/g of total alkaloids, 30-315 mg/g of total flavonoids, and 0.5-9 mg/g of lovastatin, the total alkaloids comprise four alkaloids: berberine hydrochloride, jatrorrhizine hydrochloride, coptisine hydrochloride, and Barmartine hydrochloride, and the total flavonoids comprise three flavonoid glycosides: neohesperidin, hesperidin, and naringin~~; preferably, the traditional Chinese medicine extract composition contains the following active ingredients (mg/g): 6-122 mg/g of total alkaloids, which comprise 4-89 mg/g of berberine; 30-315 mg/g of total flavonoids, which comprise 20-186 mg/g of neohesperidin; and 0.5-9 mg/g of lovastatin~~.

~~11~~10. A medicine composition, comprising the traditional Chinese medicine extract composition according to any one of claims ~~6~~5-~~10~~ 9 and a pharmaceutically acceptable carrier.

~~12~~11. A method for preparing the traditional Chinese medicine extract composition according to any one of claims ~~6~~5-~~10~~6, ~~wherein~~the method comprising the following steps:

(a-1) Coptidis Rhizoma is extracted by using acid water, and filtration, concentration, alkali precipitation, salting-out, filtration, drying, pulverization are performed to prepare a total alkaloids extract of Coptidis Rhizoma;

(a-2) ~~-~~four medicinal materials consisting of: red yeast rice ~~(10-100% of the prescribed dosage)~~, Aurantii Fructus Immaturus, Pinelliae Rhizoma, and Cinnamomi Cortex, are extracted by using 50-90% ethanol, and filtration is performed, wherein 0-90 wt.% of said red yeast rice is not extracted and is provided as red yeast rice fine powder;

(a-3) Trichosanthis Fructus is extracted by using 75-95% ethanol, a Trichosanthis Fructus extraction solution is merged with an extraction solution of the four traditional Chinese medicinal materials, decompression is performed to recover ethanol, concentration, drying, and pulverization are performed to prepare a mixed extract of five traditional Chinese medicinal materials consisting of: Aurantii Fructus Immaturus, Pinelliae Rhizoma, red yeast rice, Cinnamomi Cortex, and Trichosanthis Fructus; and

(a-4) the total alkaloids extract of Coptidis Rhizoma, ~~–~~ the mixed extract of the five traditional Chinese medicinal materials, and ~~–~~ said red yeast rice fine powder (where provided) ~~(0-90% of the prescribed dosage)~~ are well mixed to prepare the traditional Chinese medicine extract composition~~;~~.

~~13~~12. A pharmaceutical preparation, comprising the traditional Chinese medicine composition according to any one of claims 1-~~5~~ 4 or the traditional Chinese medicine extract composition according to any one of claims ~~6~~5-~~10~~9, wherein the pharmaceutical preparation comprises injections, tablets, capsules, granules, and oral liquids.

~~14~~13. Use of the traditional Chinese medicine composition according to any one of claims 1-~~5~~ 4 or the traditional Chinese medicine extract composition according to any one of claims ~~6~~5-~~10~~ 9 or the pharmaceutical preparation according to claim ~~13~~12 ~~-~~in the manufacture of a medicament for one or a plurality of the following indications or functions at an effective therapeutic dosage:

a. treating one or a plurality of the following: metabolic syndrome, obesity, hyperglycemia, hyperlipidemia, and hypertension;

b. treating one or a plurality of the following: disorder of blood glucose and lipid metabolism, obesity, hyperglycemia, hyperlipidemia, and hypertension, in the early stage of metabolic syndrome; and

c. one or a plurality of the following: reducing blood glucose, reducing the hypoglycemic insulin level, improving oral glucose tolerance abnormality, reducing the glycated hemoglobin (HbAlc) level, increasing the insulin sensitivity index, improving insulin resistance, reducing the blood triglyceride level, reducing total cholesterol, and reducing the blood pressure~~;~~

~~d. major functions: clearing heat, eliminating phlegm, and promoting qi circulation to relieve distension; and treating symptoms caused by the stagnation of phlegm heat,~~

~~such as obesity, enlarged abdomen, chest distress, excessive phlegm, inappetence and feeling of fullness in stomach and abdomen, dry mouth, thirst, polydipsia, and easy hunger, irritability, flushing and oily face, snoring at night, loose or dry stool, yellow urine, red tongue with yellow coating and slippery pulse~~.

14. The use according to claim 13, wherein the traditional Chinese medicine composition is to be administered daily at a dosage of 10-50g.

15. The use according to claim 13, wherein the traditional Chinese medicine extract composition is to be administered daily at a dosage of 1-15g.