CLAIMS

1. Use of quercetin or a glycoside thereof in the manufacture of a medicament for suppressing an increase of adipocyte-like cells in a muscle in a subject by suppressing a differentiation process from myosatellite cells into adipocyte-like cells in the subject,

wherein the subject has a functional disorder of musculoskeletal organs due to aging or locomotive syndrome due to aging.

2. Use of quercetin or a glycoside thereof in the manufacture of a medicament for suppressing an increase of oil droplets in the muscle in a subject by suppressing a differentiation process from myosatellite cells into adipocyte-like cells in the subject,

wherein the subject has a functional disorder of musculoskeletal organs due to aging or locomotive syndrome due to aging.

3. Use of quercetin or a glycoside thereof in the manufacture of a medicament for suppressing an increase in an amount of triglyceride in the muscle in a subject by suppressing a differentiation process from myosatellite cells into adipocyte-like cells in the subject,

wherein the subject has a functional disorder of musculoskeletal organs due to aging or locomotive syndrome due to aging.