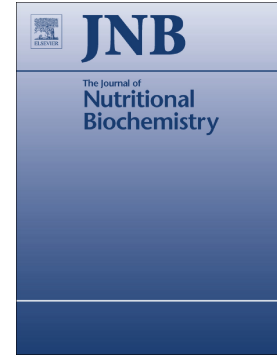


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Fisetin inhibits cardiac hypertrophy by suppressing oxidative stress

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Abbreviations: AB, aortic banding; PE, phenylephrine; ANP, atrial natriuretic peptide; ROS, reactive oxygen species; SOD1, superoxide dismutase 1; CAT, catalase; HO-1, heme oxygenase-1; MAPK, mitogen-activated protein kinase; ERK1/2, extracellular signal-regulated protein kinase 1/2; JNK1/2, c-Jun N-terminal protein kinase 1/2; LVEDD, left ventricular end-diastolic dimension; LVESD, left ventricular end-systolic dimension; LVPWD, left ventricular posterior wall thickness in diastole; EF%, ejection fraction; FS%, fractional shortening; NAC, n-acetylcysteine.

Running Title: Fisetin inhibits cardiac hypertrophy.

Key words: Fisetin, Cardiac hypertrophy, Oxidative stress.

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