Screening for Antihepatotoxic of Several Fractions from Scutellariae Radix

Soo-Hong Yoon · Kwan-Hyun Oh · Hun Ha*

Dept. of Pharmacy, Catholic University of Taegu-Hyosung, Kyongsan, 712-702, Korea *Dept. of Food Science and Technology, Taegu Polytechnic College, Taegu, 706-711, Korea

The antihepatotoxic effects of several extracts from Scutellariae Radix(the root of Scutellaria baicalenesis Georgi, Labiatae) were examined using benzo(a)pyrene-induced cytotoxicity in primary cultured rat hepatocytes as model systems. Remarkable inhibitory actions and good cell viability in MTT assay were also observed with water extract challenge in benzo(a)pyrene-treated cultures. Possible structure-activity relationships will be needed.