

Flavonoid-containing extract of the *Chamerion angustifolium* herb does not exhibit antitumor activity against transplantable rat liver cancer PC-1. According to our data the enhancement of the growth in this tumor type occurs under the action of the flavonoid-containing extract of *Chamerion*. The cytotoxic activity of the *Chamerion* extract against normal animal cells was established. For comparison, the antitumor drug «Hanerol» that obtained from the *Chamerion* flowers contains active oligomeric compounds belonging to hydrolysable tannins group but not bioflavonoids group, as in the present study. Consequently, the flavonoid-containing fractions of the *Chamerion* herb are unpromising for further antitumor activity investigations.