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Study of Chinese Herbal Drugs Against Cocksackie B1, B3, B4 Virus in Cell Culture. Tian-ming Zhang, Zhen-jiao Hu, Mei-ying Zhang. Virus Research Institute, Hubei Medical University, Wuhan, Hubei, People's Republic of China.

Cocksackie B virus are considered to be the commonest cause of human viral myocarditis. This paper reports inhibitory effect of chinese herbal drugs on cocksackie B1, B3, B4 virus in cell culture. The results obtained indicated that *Taraxacum mongolium* Hamd, *Pyrrosia sheareri* (Bak.) Ching, *Linderae aggregata* (Sims) Kosterm and *Aristolochia debilis* sieb. et Zucc showed significant antiviral effect against cocksackie B1 virus and virus inhibiting index reached 4 Log. The results also indicated that *Patrinia scabiosaefolia* Fisch showed significant antiviral effect against cocksackie B1, B3, B4 virus and virus inhibiting index reached 3 Log. The results indicated that *Linderae aggregata* (Sims) Kosterm showed significant antiviral effect against cocksackie B3, B4 virus and virus inhibiting index reached 4 Log and 3 Log respectively. The results indicated that *Aristolochia debilis* Sieb. et Zucc showed antiviral effect against cocksackie B3, B4 virus and virus inhibiting index reached 3 Log and 2 Log respectively. This meant that those chinese herbal drugs for the use to treat infection of cocksackie B1, B3, B4 virus is possible.

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Study of Chinese Herbal Drugs Against Epidemic Hemorrhagic Fever Virus in Cell Culture. Tian-ming Zhang, Zhen-jiao Hu, Guang Lie. Virus Research Institute, Hubei Medical University Wuhan, Hubei, People's Republic of China.

This paper reports inhibitory effect of chinese herbal drugs on epidemic hemorrhagic fever virus (EHFV) in cell culture. Antiviral effect for those drugs are on the basis of whether or not inhibition of EHFV in infection cell and were examined by ELISA. The results showed that *Taraxacum mongolium* Hamd, *Pyrrosia sheareri* (Bak.) Ching showed significant antiviral effect against EHFV among the 4 routes of drugs administration with the therapeutic administration route, the preventive administration route, the extraplate administration and the simultaneous administration. The results also indicated that *Patrinia scabiosaefolia* Fisch, *Hypericum ascyron* L. showed antiviral effect against EHFV among the 3 routes of drugs administration and the simultaneous administration route failed to prove effective. The result showed that it provided the knowledge of usage of chinese herbal drugs to treat EHF.