

Cytotoxic Activity of Some Medicinal Plants from Iran

Sahranavard Shamim¹, Naghibi Farzaneh¹, Mosaddegh Mahmoud¹, Davari Elaheh¹,
Cheah Yew Hoong² and Noor Rain Abdullah²

*1. Traditional Medicine & Materia Medica Research Center, School of Pharmacy, Shaheed
Beheshti University of Medical Science, Tehran, Iran and*

*2. Herbal Medicine Research Center, IMR, Jalan Pahang, 50588, Kuala Lumpur
E-mail: shamisahranavard@yahoo.com*

KEYWORDS Herbal Medicine. Cytotoxic Plants. Ethno-botany

ABSTRACT Twenty crude methanolic extracts from medicinal plants used in the Iranian ethnomedicine by traditional healers to treat bacterial and fungal infections, wart and some other disease were screened invitro for cytotoxic activity on MCF7 (human breast epithelium) cell line . The effects of 72h incubation with different concentrations of the extracts on MCF7 cells were determined. Results from MTT assay demonstrated that two plants were cytotoxic.