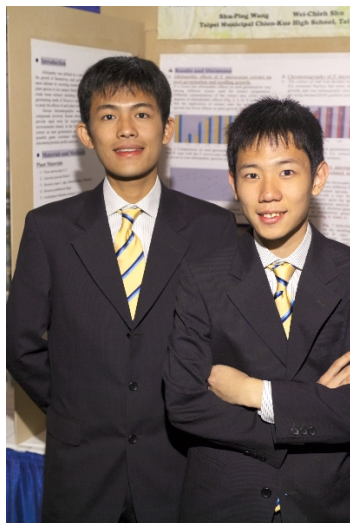


## CWSF 2005 - Vancouver, British Columbia



### Wei-Chieh Shu, Shu-Ping Wang

#### Exploring Genes Related to the Effects of Ficus microcarpa Extract on Seed Germination and Growth

**Division:** International

**Category:** Senior

**Region:** Taiwan, R.O.C.

**City:** Taipei, Other

**School:** National Taiwan Science Education Center

**Abstract:** Ficus microcarpa is a plant species likely to have allelopathic effects. In this study, we investigated the effects of F. microcarpa extract on plant seed germination and seedling growth. The exploration of possible genes correlated with the effect was also screened through DNA microarray and protein profile analyses.

Awards	Value
Gold Medal - International	
Sponsor: Youth Science Foundation Canada	
Total	\$0