

## Effect of the compound from Bombyx Batryticatus on mouse melanoma cell line B16-F10

**Zhanmei Liu**

Zhongkai University of Agriculture and Technology, China

The effect of  $\beta$ -sitosterol on B16-F10 mouse melanoma cells and A375 human melanoma cells was examined. Cell viability was determined by trypan blue exclusion using a hemocytometer and MTT cell proliferation assay. The appropriate concentrations of the test chemicals were selected by microscopic observation of the preliminary cell viability assay using a Nikon Diaphoto TMD.

### Biography

Zhanmei Liu, is a professor of chemical engineering. She has completed her Ph.D from Guangdong University of Technology China. She has also completed her research scholar studies from UC Berkeley. She is the Deputy dean of the college of chemistry and chemical engineering . She has published more than 30 papers in reputed journals and serving as deputy secretary-general of biochemical Engineering Association of Guangdong.

liuzhanm@21cn.com