



Pathogenicity and ginsenoside conversion efficiency.

The relationship between the pathogenicity scores for one year old ginseng plants inoculated with various *Pythium* and *Trichoderma* isolates and the *in vitro* ginsenoside conversion efficiency of the same organisms was compared. Isolate BR 638, which is a *P. ultimum* species showing high pathogenicity but low ginsenoside conversion efficiency was not included in the linear regression analysis. Dashed and dotted lines represent upper and lower 95% confidence limits respectively. All values were calculated as Mean \pm SE, N = 3 for ginsenoside conversion efficiency and pathogenicity scores, $R^2 = 0.57$, $P = 0.005$. (From Ivanov & Bernards, 2012, *Phytochemistry* 78:44)