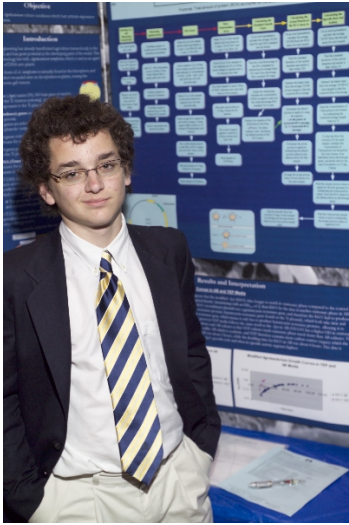


CWSF 2006 - Saguenay, Québec



Cameron Baum

Determination of the Factors that Maximize Agro. Vir Gere Expression

Division: Biotechnology

Category: Senior

Region: Calgary Youth

City: calgary, AB

School: West Island College

Abstract: In this study, a factorial analysis of several Agro culture variables was utilized in order to determine the conditions that best promote vir gene expression. Conditions included the time of incubation, growth media, and application of acetosyringone. It was determined that Agro should be grown in AB media with 200 μ M of acetosyringone and harvested at an OD of .77 to optimize virulence activity.