

CWSF 2006 - Saguenay, Québec



Perryn Kruth, Brittany Martyn

Inhibition of *C. difficile*

Division: Life Sciences

Category: Intermediate

Region: Waterloo-Wellington

City: Guelph, ON

School: John F. Ross C.V.I.

Abstract: Clostridium difficile-related disease is an emerging health concern. We examined the effects of alternative treatments such as probiotic and antibody-rich products on toxins and growth of *C. difficile*. Results showed that both probiotic-related products and bovine colostrum neutralised *C. difficile* toxins, while only probiotic-related products inhibited bacterial growth.

Awards	Value
Honourable Mention - Health Sciences - Intermediate Sponsor: Canadian Institutes of Health Research	\$100
Total	\$100