

CALIFORNIA STATE SCIENCE FAIR 2003 PROJECT SUMMARY

Name(s)	Project Number
Aubrey L. Baldwin	J1303
Project Title	
Germs, Infection, Bacteria! Oh My!	
Objectives/Goals Abstract	
To determine if liquid Colloidal Silver would kill bacteria found on your Methods/Materials	hands.
Using 27 human subjects, I had each individual wipe their fingers on aga swabbed on the same day. After three days, I measured the amount of bar and then began treating 1 sample from each individual with Colloidal Sil sample from each individual as a control(untreated). Petri dishes Agar	cteria grown in each petri dish,
Colloidal Silver Results	
In the two trials run, Colloidal Silver was effective in inhibiting further growth of bacteria in the test dishes, and in some cases, stopping the growth altogether, while the bacteria continued to grow in the control dishes.	
Conclusions/Discussion I concluded that Colloidal Silver spray is an effective treatment in slowin the growth of bacteria. My experiment leads me to believe that there are many kinds of treatment	
soap and water, or even drugs. If Colloidal Silver was used immediately, at the first sign of bacteria growth, it might possibly wipe out all growth of the bacteria.	
Summary Statement My project is about how Colloidal Silver spray affects the growth of bacteria from your hands.	
Help Received Guidance from my teacher Debbie Dolan	