



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Justin J. Koh	Project Number 22353
Project Title Germ Warfare in the Oral Cavity	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals This experiment is designed to test what mouthwash is most effective in killing bacteria from the oral cavity. I hypothesized that Listerine would be most effective because it is very strong, chemically.</p> <p>Methods/Materials I cultured bacteria from my mouth on agar plates in an incubator. Later, I tested the different mouthwashes' effectiveness with water as a control variable.</p> <p>Results In the end, the prescription brand, Periogard turned out to be most effective, clearing 9.5 mm compared to Listerine's 7.</p> <p>Conclusions/Discussion I concluded that this experiment could have been expanded if I had used more test reagents or had been expanded over a longer period of time.</p>	
Summary Statement This experiment is designed to test what mouthwash is most effective in killing bacteria from the oral cavity.	
Help Received	