



**CALIFORNIA STATE SCIENCE FAIR
2017 PROJECT SUMMARY**

Name(s) Sadies M. Dinh	Project Number J1605
Project Title Does Dog Drool Kill/Prevent Bacteria?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals Objective: My objective was to learn if dog saliva could really kill or prevent bacteria.</p> <p>Methods/Materials Materials: For my project I used dog saliva, sterile petri plates with agar, and cotton swabs.</p> <p>Method: I took cotton swabs and rubbed both ends on the ground in my backyard. I put a bit of ground in an agar dish. Next, I did the same with a cotton swab that my dog licked. Then I closed the petri dishes, labelled them, put them in a warm, dry place and waited patiently for results.</p> <p>Results Result: The result of my experiment was that the agar plate with the dog drool had less bacteria than the petri dish without the dog drool.</p> <p>Conclusions/Discussion Conclusion: The result of my experiment did support my hypothesis, since the agar plate with the dog drool had less bacteria than the plate without the dog drool. This shows that the dog drool did kill or prevent some bacteria but, had other bacteria growing from the dog's mouth.</p>	
Summary Statement How does dog drool affect bacteria?	
Help Received I did this project by myself.	