

# AP Biology 039 – Effects of Changes in Pathways Video Review Sheet

[www.bozemanscience.com/039-effects-of-changes-in-pathways](http://www.bozemanscience.com/039-effects-of-changes-in-pathways)

1. What makes the California newt dangerous?
  
2. What actually makes the toxin?
  
3. Why is the toxin lethal?
  
4. What other organisms make tetrodotoxin?
  
5. Anthrax Poisoning Example – Adenylyl cyclase
  - a. What is Anthrax?
  
  - b. Why is it bad?
  
  - c. What does the poison in anthrax target?
  
6. Diabetes Example –
  - a. Does insulin go inside of a cell? Explain.
  
  - b. What is “GLUT”?
  
  - c. What is the problem with Type I Diabetes?
  
  - d. What is the problem with Type II Diabetes?