

California State University, Fresno
Department of Biology presents

**From bacteria to salamanders:
tetrodotoxin is an evolutionary mystery**



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Science II 109

Tetrodotoxin (TTX) is a neurotoxin found in a wide array of taxonomic groups. TTX has been found in bacteria, mollusks, marine worms, crabs, salamanders, and most famously puffer fish. TTX has a wide variety of ecological functions including defense from predation. In my lab we study salamanders and flatworms that have TTX. My interests lie in understanding the relationships between predators and prey, and gaining insight into the physiology associated with having TTX, where TTX comes from, and how it is produced.

For further information: www.csufresno.edu/biology or phone 278-2001

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