

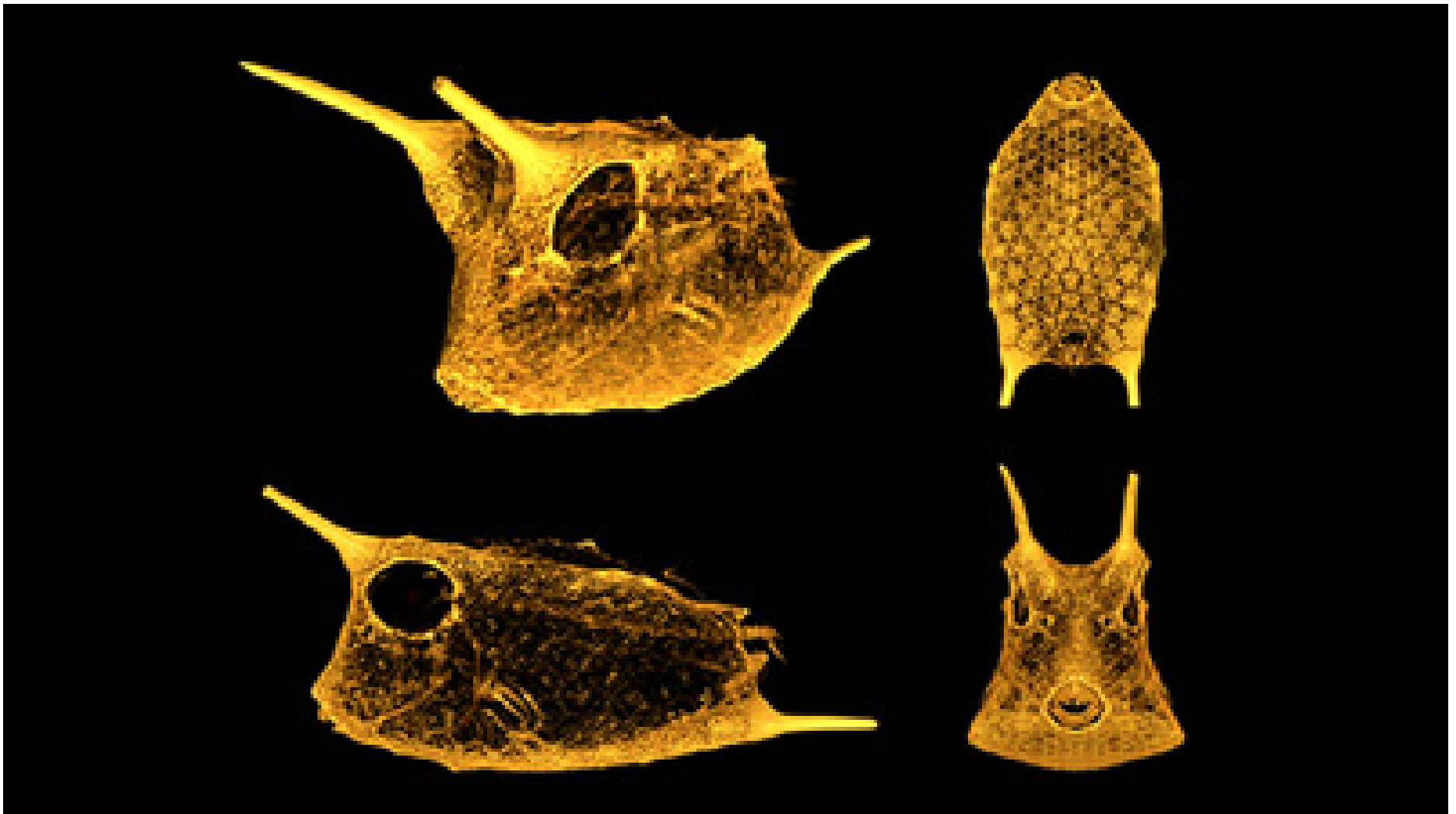


The Boxfish Could Lead To Better Body Armor And Flexible Electronics

Posted by [Megalith](#) 5:03 PM (CDT)

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Boxfish are insanely cool marine fish that are not only eye catching but have unique defensive capabilities, such as poison secretion through the skin and armor-like scales. Researchers believe that replicating the complex structure of the latter could lead to **flexible yet very strong materials** for armor, robots, and even electronics.



The boxfish's hard frame and flexible body make it an ideal animal to study for inspiration for armor materials. The hexagon-shaped scales are called scutes. They are connected by sutures, similar to the connections in a baby's skull, which grow and fuse together as the baby grows.

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