



1
00:00:00,590 --> 00:00:06,350

Astronauts could benefit from the survival skills of one of Earth's toughest animals.

2
00:00:06,350 --> 00:00:11,700

Tardigrades are found on every continent.

3
00:00:11,700 --> 00:00:17,340

The microscopic organisms can tolerate a range of extreme environments.

4
00:00:17,340 --> 00:00:22,610

But how do they respond to life in space?

5
00:00:22,610 --> 00:00:29,300

Astronauts will help conduct a study aboard the International Space Station.

6
00:00:29,300 --> 00:00:34,340

The tiny creatures will live in special hardware developed at NASA's Ames Research Center.

7
00:00:34,340 --> 00:00:40,100

DNA analysis will be used to understand how tardigrades adapt to the stresses of spaceflight.

8
00:00:40,100 --> 00:00:45,250

The results may lead to future treatments that promote astronaut health...