**Better ways to do research:**

An overview of methods and technologies that can replace animals in biomedical research and testing.

**Miniature devices mimicking brains could replace animals in drug testing.**

**Computers outperform lab rats in detecting toxic chemicals.**

**Yellow fever: A new method for testing vaccine safety.**

Scientists have recently developed a novel alternative method to animal testing that can be used to verify the safety of vaccines.

**TOXICITY TESTING without ANIMALS**

**Advances in replacing animals in medical research.**

**Miniature devices that mimic human organs could help to replace animals used in drug testing.**

**Advances in replacing animals in medical research.**

**Lab-grown human skin**

**Rabbit skin irritancy**

**TOXICITY TESTING without ANIMALS**

**Organs-on-Chip**

**Scientific breakthroughs in replacing animals in research.**

**Cutting-edge technology replacing animal testing.**

**MORE computers used**

**Testing vaccines without laboratory animals.**