Organic ship technology -> mimic human function

Miniature imitation ? to not test on animals

* Empor Waxy lab
  + Mimic human living lumb that breath
  + Next step -> using it to test drugs
  + Organ on a chip technology
  + Smaller that your thumb
  + Used to test drugs
  + Less controversial to test on animals
  + Danny Burundy, institute searcher in Boston
  + Lung, heart, kindney, etc
  + 5 pieces of plastic =>
* Very clean and simplified version of human organs
* Membrane
* Technique learned from microchip fabrication for computer
* Difficult to remove drug from chip blood

What is the aim of the researches ? their objective ?

This document is taken from a website that deals with science and high technologies, more precisely about bionic engineering.

The title leads us to assume that the main topic is : medical researches aiming at improving human surgery, medical technologies. We discover that scientists use human organs built on a chip in order to find/create new drugs (not tested on animals).

Conclusion : we can conclude on this document saying that it highlights breakthroughs in the medical field, the main advantage being to test neither on animals nor on humans. It makes the results come faster.