

Forum:[Hack Forums](#)

Thread: [Living Robots Built Using Frog Cells](#)

Xerotic - January 17, 2020, 12:44 pm

I found this article the other night and found it really interesting:

<https://www.sciencedaily.com/releases/2020/01/200113175653.htm>

University of Vermont Wrote: Scientists repurposed living frog cells -- and assembled them into entirely new life-forms. These tiny 'xenobots' can move toward a target and heal themselves after being cut. These novel living machines are neither a traditional robot nor a known species of animal. They're a new class of artifact: a living, programmable organism.

Check out the full page. I find stuff like this fascinating. We as humans continuously push the boundaries of science and nature to come up with extraordinary achievements such as this.

Essentially these creatures are programmable living tissue. While the scientists in this experiment sourced their living cells from frogs I would assume that other organisms can be used for the base cells. These "xenobots" are said to be about a millimeter wide and have a some cool abilities such as moving towards a target, pick up a payload, and heal themselves after being cut. A potential use case for these new creatures could be to travel through arteries scraping out plaque or very specified medicine delivery. While these creatures are composed of living tissue they were designed prior in a supercomputer and are indeed programmable.

We are slowly erasing the line between humans and machines. Thoughts?

JustDevyThing - January 17, 2020, 12:59 pm

I hope one day they make women robots this way

Herbert - January 17, 2020, 1:02 pm

Interesting but scary at the same time, every new discovery or invention could pose a threat by way of things being overlooked, or power in the wrong hands.

Yin Yang - January 17, 2020, 1:05 pm

Some of the worst things imaginable have been done with the 'best intentions.'

JustDevyThing - January 17, 2020, 1:07 pm

(Jan 17, 2020 02:02 PM)Herbert Wrote: [\[CITE\]](#) Interesting but scary at the same time, every new discovery or invention could pose a threat by way of things being overlooked, or power in the wrong hands.

haha well ye i guess.. science is so sick man.. and the best things that will be made.. only rich people will have access to it

Nate - January 17, 2020, 2:04 pm

Comon Xerotic Wrong forum smh

Yes this is very unethical, if they can do this with frog cells whats stopping them to do it humans, for a T-1000

V?rt - January 17, 2020, 2:15 pm

I wonder which person said "Let's try a frog" That must be wild. It's cool, but is that not scary?

Dr. Einyel - January 17, 2020, 2:27 pm

(Jan 17, 2020 03:15 PM)V?rt Wrote: [\[CITE\]](#) I wonder which person said "Let's try a frog" That must be wild. It's cool, but is that not scary?

Same. I don't like frogs but at the same time it's an interesting choice.

MavenGradle - January 17, 2020, 3:08 pm

Pretty interesting how science is evolving. Here's a video showing essentially the same thing:

https://www.youtube.com/watch?v=q_Vg7-23PAQ

Regardless, if these 'bots' can be used to clean plaque from veins and deliver drugs to the most critical of places, imagine all the lives they could save.

Zee - January 17, 2020, 3:28 pm

Fascinating, this sort of technology will definitely shape the future.

Crimin4L - January 17, 2020, 6:50 pm

I actually seen this on Instagram on a page I follow a couple days ago ([@freedom_faction](#))

Django - January 18, 2020, 8:56 am

(Jan 17, 2020 01:59 PM)JustDevyThing Wrote: [\[CITE\]](#) I hope one day they make women robots this way

I don't think a sex doll would be interested in spending the night with you.

OT: That's insane! I always wonder how they figure stuff like that! Oh yeah, let's just take this lil frog here and cut the bastard up and boom, lil robots. Absolutely mad.

Slim - January 18, 2020, 10:31 am

(Jan 17, 2020 01:59 PM)JustDevyThing Wrote: [\[CITE\]](#) I hope one day they make women robots this way

Maybe one day you'll get a life and look back at your trolling as the cry for help that it always has been.

Nachfolger - January 18, 2020, 10:32 am

I wonder if some of the members in the coding section are robots built using living frog cells.

JustDevyThing - January 18, 2020, 10:38 am

(Jan 18, 2020 11:31 AM)Slim Wrote: [\[CITE\]](#) Maybe one day you'll get a life and look back at your trolling as the cry for help that it always has been.

i dont cry for help ?? what kind of help you mean anyway?

Nachfolger - January 18, 2020, 10:46 am

(Jan 18, 2020 11:31 AM)Slim Wrote: [\[CITE\]](#) Maybe one day you'll get a life and look back at your trolling as the cry for help that it always has been.I'm not sure why you internalized his comment like this? He's just memeing mr Slim.

Let me know what you thought of my post, I thought it was equally funny.

SIM-4033767 - January 18, 2020, 11:17 am

(Jan 17, 2020 01:44 PM)Xerotic Wrote: [\[CITE\]](#) I found this article the other night and found it really interesting: <https://www.sciencedaily.com/releases/2020/01/200113175653.htm>

Check out the full page. I find stuff like this fascinating. We as humans continuously push the boundaries of science and nature to come up with extraordinary achievements such as this. Thoughts?
Wtf this kinda scary tho

Zexi - January 18, 2020, 11:28 am

First [they started turning the fricking frogs gay](#) and now this. Poor frogs man.

Kenjataimu - January 24, 2020, 5:15 pm

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If only you all knew

Citoa - January 24, 2020, 5:33 pm

I am so interested though... What happens with all of these inventions? Why are they all just lost in some articles and some YouTube videos? I haven't seen anyone funding them and producing more of them. I'm not talking only about those frogs. I'm talking about all of the inventions that we have had over the last 10 years. Inventions that can be so useful. For example just yesterday someone shared solar panels that can replace windows. I have seen videos on YouTube about all kinds of things. From plastic eating cells to water cleansing capsules and robots doing surgery. Why aren't these things used more often and by more people, why aren't they funded and spread around the places where they are needed?

vyactor - January 26, 2020, 6:02 pm

It's quite out of my brain to think that even cells of an organism are programmable. I guess this is the first time that someone is programming an organism's cell? It is something I've never heard of. Computers and programs are already taking over this world, and we may be able to do almost everything through the computer one day, along with facing problems too.
The term "Programmable Organism" really amazed me.

Sly Cooper - January 26, 2020, 7:27 pm

This is absolutely fascinating. Good find. Thanks for sharing.

Bulma - January 28, 2020, 5:36 am

So as i understand these robot cells could travel to any of the human body parts and give information or even start healing?

I have heard something about these nanorobots in the past, which could travel to any body part and collect information that won't be available to get from traditional medicine.

LoremIpsum - January 29, 2020, 1:53 am

(Jan 17, 2020 01:44 PM)Xerotic Wrote: [\[CITE\]](#) We are slowly erasing the line between humans and machines. Thoughts?

We sure are, without a doubt.

The big plan is already rolling out very well and the majority of the people do not recognise where the road is leading to.

We went from house-gadgets like a PC, TV, House-phone, speakers to to-go gadgets, like a cellphone, laptops, mp3 etc.

A step further and we went to wearables, like Smart-watch, Glasses, wireless headphones, etc. Another step further, as seen in some European countries, to implants. The chips are implanted with a wireless technology to be scanned, to open doors, unlock gadgets and more.

This is a huge step, for making us feel it's normal to become 'one' with technology, the pre-steps of

a big evolution towards becoming cyber-humans, partially A.I. with our Souls uploaded in some device while being driven by technology and less human like decision makings. This is a small part of the 'mind-control' programs which is one of the biggest agenda's of those in control. I won't go further into details about this. Let's talk about the product itself..

The chips, on the other hand, are made of glass. To be exact; Bioglas Schott 8625. Look up this type of glass if it's new for you. The glass is strong and 'human friendly', which is already revealing that it's made for us humans. Biologically Glass so to speak. The glass is easy to implant and pretty useful to begin with. I'd never do it unless I'm forced to do it, but as long as I have a free will. I want to keep the line between humans and machines as much as I can ?

V?rt - January 29, 2020, 3:12 am

Would anyone here be willing to try this? I personally would say no, unless it would be life or death