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By Krystle Vermes — June 8, 2015

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A COMPUTER HAS GIVEN HUMANS A BETTER UNDERSTANDING OF GENE CONNECTIVITY

f 166 **y** 37 **©** Some mysteries seem like they are simply too complex to be solved. However, computers are now making headway where humans previously hit a roadblock.

Tufts University have successfully programmed a computer to craft its own scientific theory.

The computer's abilities have helped scientists learn how the flatworm regenerates into new organisms – a 120-year-old mystery that researchers had repeatedly failed to solve, according to Popular Mechanics.

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A study published in *PLoS Computational Biology* on June 4 is a prime example of how

technology may be able to solve age-old puzzles. Daniel Lobo and Michael Levin of

Lobo and Levin's computer was programmed to mimic real-life analyses of large-scale data repeatedly and in detail. The scientists used the computer to guess how the flatworm's genes were able to create a regulatory network for regeneration.

measured the accuracy of the computer's results by comparing them to existing experimental data. The process went on for three days, and after every round, the

computer's genetic network was slightly altered to improve results. In the end, the

computer had successfully created a core genetic network that matched each of the

experiments in its database, giving scientists a better understanding of how genes

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"Beyond the planarian data, our approach is readily generalizable to facilitate the

Although the computer required some tweaking along the way, Levin told Popular

scientific theories in the future. In some instances, there's simply too much data for our

human brains to comprehend. If there are computers that can solve these mysteries

for us, it might be an incentive to invite machines to fill in some of the gaps in our

Mechanics that the trial-and-error approach could help develop more valuable

connect.

They then allowed the device to take control of the simulation. In the end, they

discovery of testable regulatory networks in developmental biology and biomedicine, and represents the first developmental model discovered de novo from morphological outcomes by an automated system," wrote Lobo and Levin in their published study.

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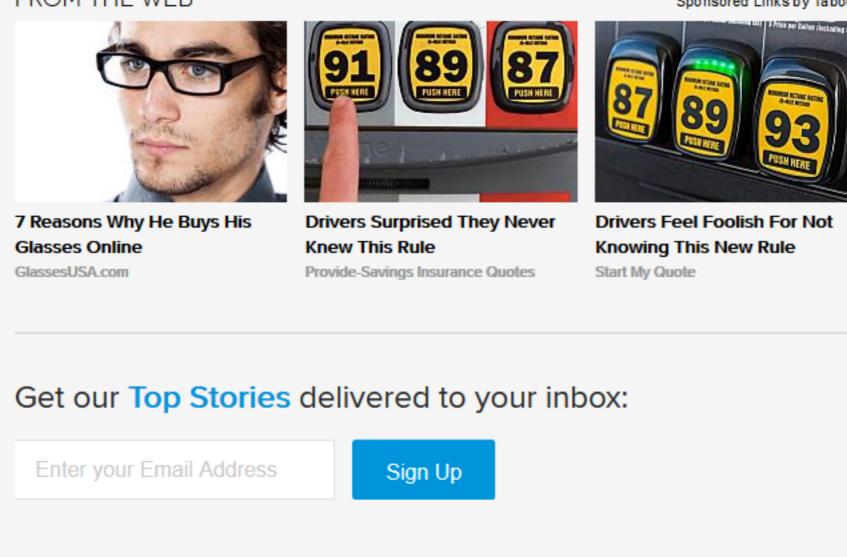
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annual fee for Windows 10." Afterward, he linked to a page on the official Windows site, detailing answers to some of the most frequently asked questions on the new OS. If you go to the Windows 10 FAQ page, there is an answer posted for the question, "Is the upgrade really free?" Microsoft specifies that the operating system will be free, and

it is *not* a trial or introductory version. However, it notes that there is a limited time

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from the time it debuts.

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period to take advantage of the upgrade – Windows 10 is available free for one year

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Aul promptly replied to the tweeter, "Please allow me to close that door for you: No

Windows 7, Windows 8.1 and Windows Phone 8.1 device users are eligible for the free upgrade. It will become available, starting with tablets and PCs, on July 29. On its FAQ page, Microsoft makes it a point to specify that the deadline for this upgrade is July 29, 2016.

The company states that it will take approximately one hour for Windows 10 to be fully

installed, although it may be quicker on newer devices. You can reserve the download

on your existing device by opening the "Get Windows 10" app before July 29.

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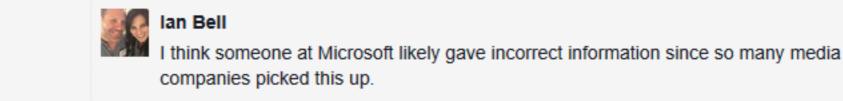
misinformation. After all - if it's on the internet, it surely must be true, right?

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Dennis Fluttershy · Lagerist at Simbi Djurens Varuhus Ian Bell They said that you can upgrade for free within one year of the release of Windows 10.

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People read that as Windows 10 was free for 1 year, then you pay a yearly fee.

lan Bell Which OS are you using now? Like · Reply · Jun 8, 2015 1:53pm

Didn't MS announce Windows 10 right after they announce their subscription service for MS Office? I remember thinking that one would logical lead into the other. Like · Reply · Jun 9, 2015 9:44am

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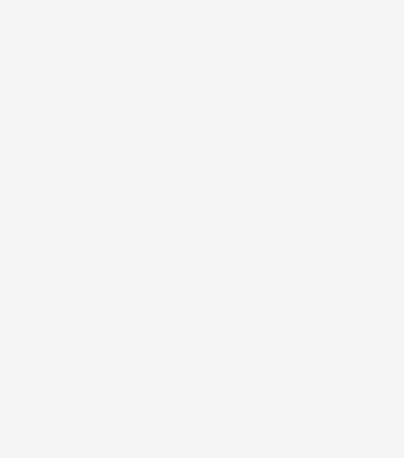
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