Webb telescope wows with first images
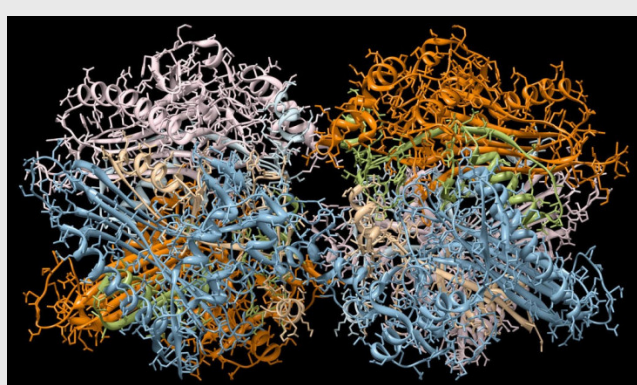Pictures showcase start of science campaign for NASA's largest space telescope
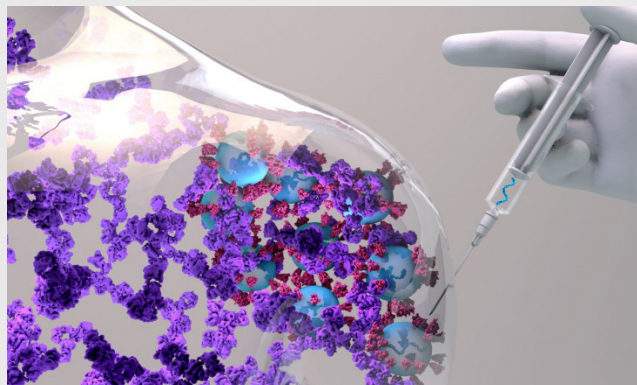science.org

LIFE SCIENCES

Google's DeepMind AI Predicts 3D Structure of Nearly Every Protein Known to Science
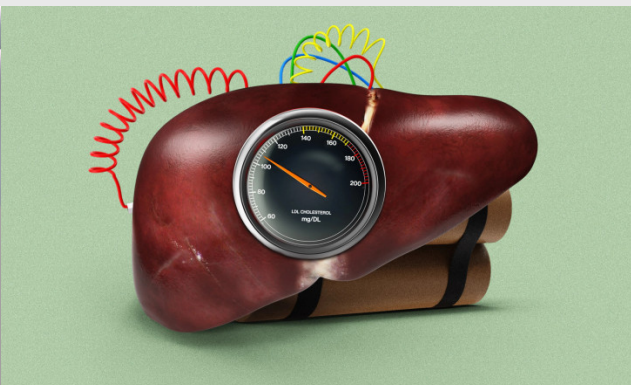At last, the decades-old protein folding problem may finally be put to rest.
cnet.com

Cloud labs: where robots do the research
A host of companies provide a remote, automated workforce for conducting experiments around the clock.
nature.com

New generation of cancer-preventing vaccines could wipe out tumors before they form
Shots enter early clinical trials for healthy people at high risk for disease
science.org

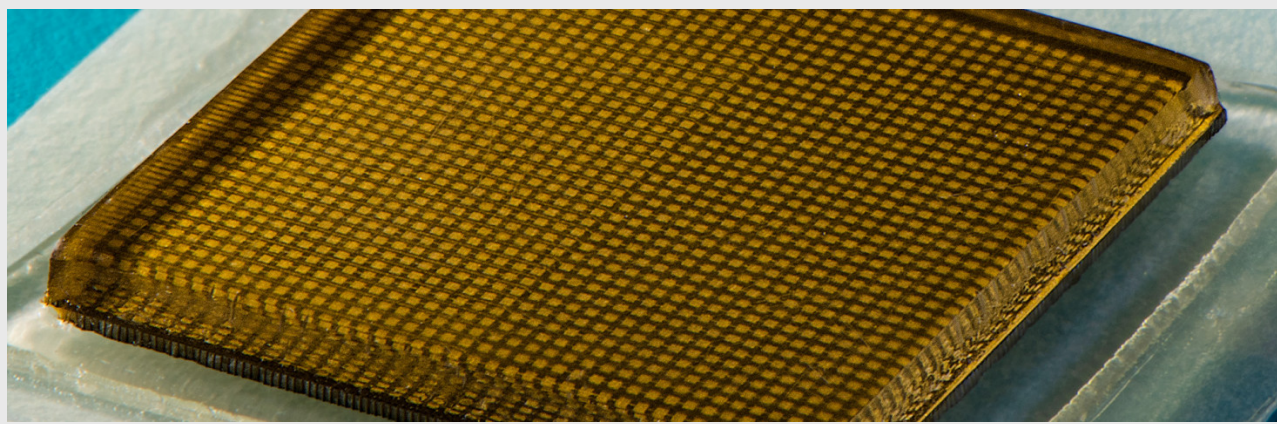**Edits to a cholesterol gene could stop the biggest killer on earth**
technologyreview.com

ARTIFICIAL SENSING

MIT engineers develop stickers that can see inside the body
MIT engineers designed an adhesive patch that produces ultrasound images of the body. The stamp-sized device sticks to skin and can provide continuous ultrasound imaging of internal organs for 48 hours.
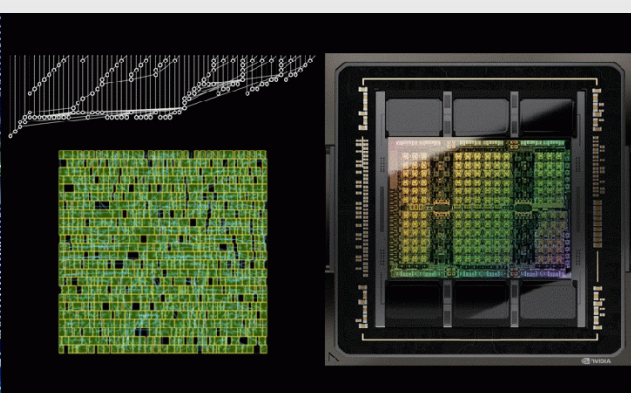news.mit.edu

ARTIFICIAL INTELLIGENCE

Minerva: Solving Quantitative Reasoning Problems with Language Models
Posted by Ethan Dyer and Guy Gur-Ari, Research Scientists, Google Research, Blueshift Team Language models have demonstrated remarkable p...
ai.googleblog.com

Designing Arithmetic Circuits with Deep Reinforcement Learning
Learn how NVIDIA researchers use AI to design better arithmetic circuits that power our AI chips.
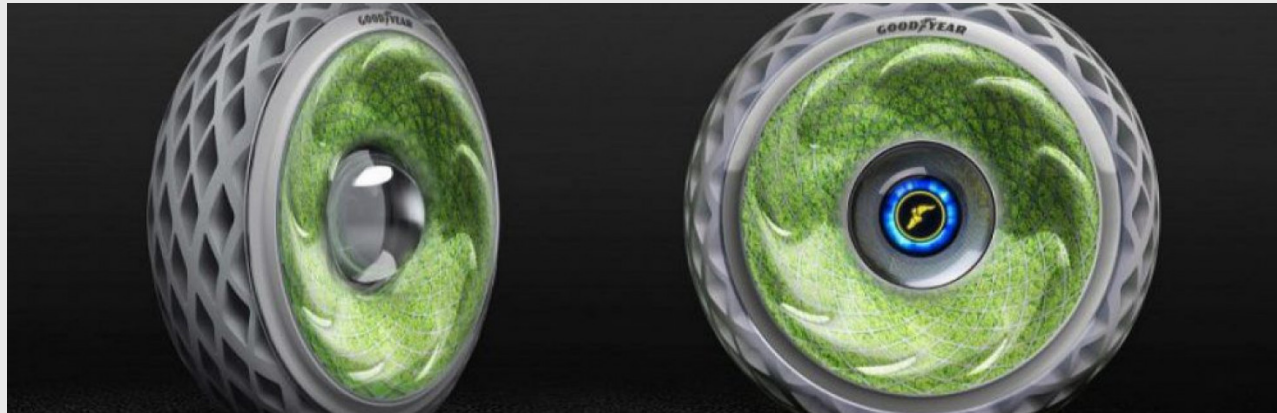developer.nvidia.com

MegaPortraits: One-shot Megapixel Neural Head Avatars
In this work, we advance the neural head avatar technology to the megapixel resolution while focusing on the particularly challenging task of cross-driving synthesis
samsunglabs.github.io

3D PRINTING

From Boeing Starliner to Goodyear Tesla tire, 3-D printing is becoming manufacturing reality
Goodyear is making airless tires through 3-D printing, one example of additive manufacturing's rise among industrials from Boeing to Cummins.
cnbc.com

ENERGY

Scientists Invent a Paper Battery—Just Add Water
A new disposable battery is made of paper and other sustainable materials and is activated with a few drops of water
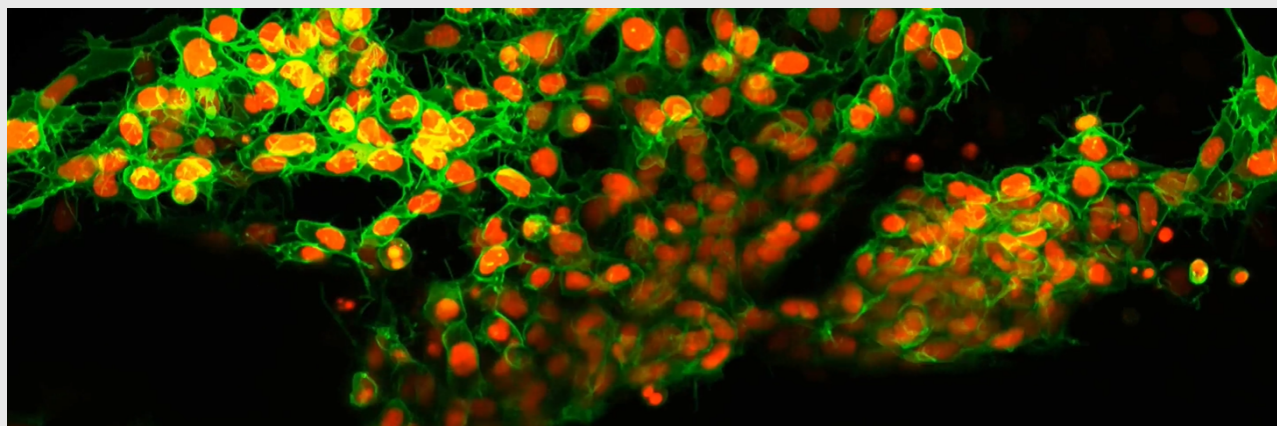scientificamerica...

US regulators will certify first small nuclear reactor design
NuScale will get the final approval nearly six years after starting the process.
arstechnica.com

IN THE LAB

Cells Blaze Their Own Trails to Navigate Through the Body
With self-generated gradients of chemicals and physical tension, cells in the body steer themselves to vital destinations.
quantamagazine.org

AFTER HOURS

Xerox Parc's Engineers on How They Invented the Future
And how Xerox lost it
spectrum.ieee.org

The lost nuclear bombs that no one can find
The US has lost at least three nuclear bombs that have never been located — they're still out there to this day. How did this happen? Where could they be? And will we ever find them?
bbc.com

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