



ARTIFICIAL INTELLIGENCE



**Inside the AI Factory**

How many humans does it take to make tech seem human? Millions to support OpenAI, Google, Meta, and every other major tech company. As AI becomes ubiquitous, a vast tasker underclass is emerging - and not going anywhere.

[theverge.com](#)

**Microsoft's Satya Nadella Is Betting Everything on AI**

The CEO can't imagine life without artificial intelligence-even if it's the last thing invented by humankind.

[wired.com](#)



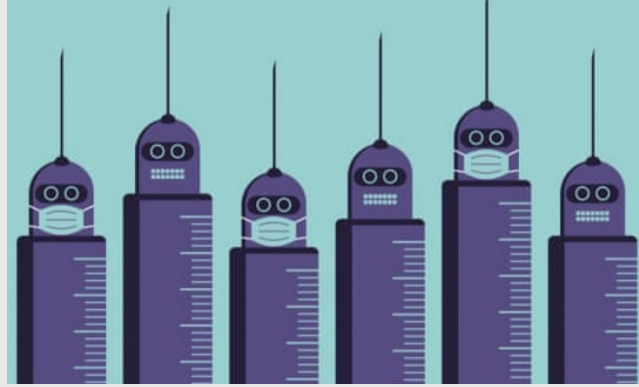
**Ready to Sing Elvis Karaoke ... as Elvis? The Weird Rise of AI Music**

From voice-cloning wars to looming copyright disputes to a potential flood of nonhuman music on streaming, AI is already a musical battleground

[rollingstone.com](#)



ROBOTICS



**Robot surgeons provide many benefits, but how autonomous should they be?**

Keyhole surgery using robotic arms has transformed medicine. But the next generation of advanced robotics might be able to surpass the skills of surgeons

[theguardian.com](#)

**Rise of the robots raises a big question: what will workers do?**

Rapid developments in AI are forcing managers and politicians alike to confront profound questions about the future of jobs

[theguardian.com](#)



ENERGY



**MIT Unveils Megawatt Motor For Larger Electric Aircraft**

The electrification of regional jets is now within striking distance

[spectrum.ieee.org](#)

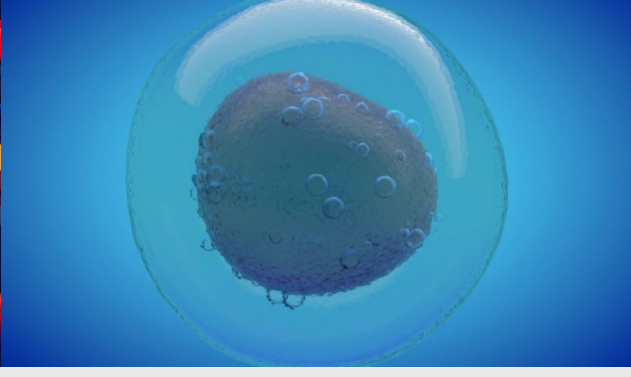
**Lithium-ion battery creator John Goodenough dies at 100**

A key creator of the lithium-ion battery, John Goodenough, has died at the age of 100..

[engadget.com](#)



LIFE SCIENCES



**Accelerating Drug Discovery With the AI Behind ChatGPT - Screening 100 Million Compounds a Day**

By applying a language model to protein-drug interactions, researchers can quickly screen large libraries of potential drug compounds. Huge libraries of drug compounds may hold potential treatments for a variety of diseases, such as cancer or heart disease.

[scitechdaily.com](#)

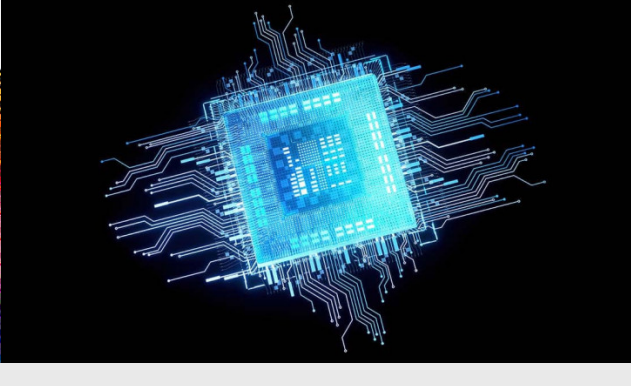
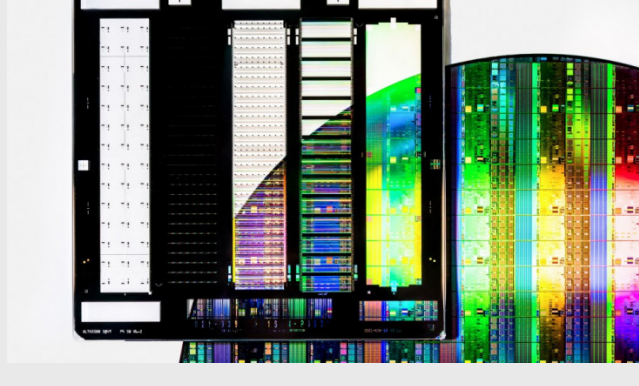
**Single-cell biology: what does the future hold?**

Single-cell biology is a rapidly growing field that has made important contributions to our understanding of cell types, cell states, cell-cell interactions, and tissue architecture.

[embopress.org](#)



INFRASTRUCTURE



**The chip patterning machines that will shape computing's next act**

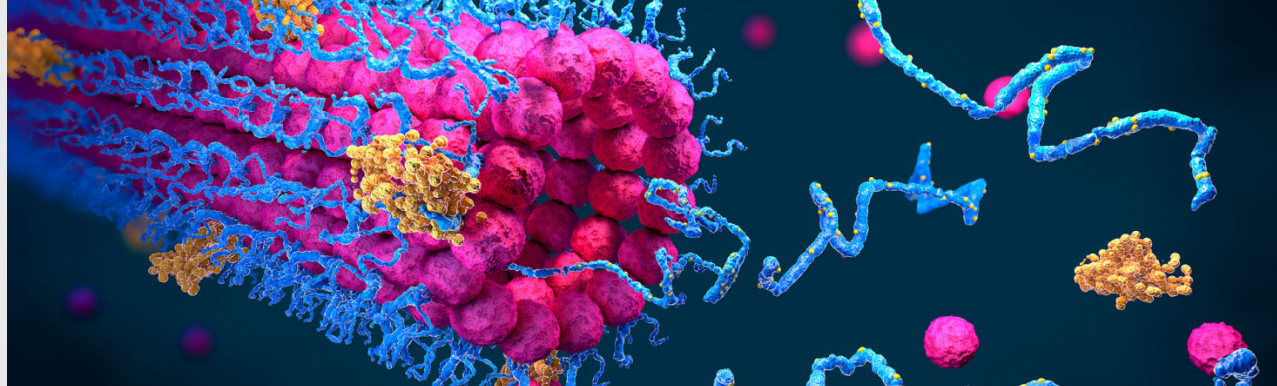
The first lithography tools were fairly simple, but the technologies that produce today's chips are among humankind's most complex inventions.

[technologyreview.com](#)

**Moore's law: further progress will push hard on the boundaries of physics and economics**

James McKenzie pays to tribute to the foresight of Gordon Moore, the founder of Intel who died earlier this year

[physicsworld.com](#)



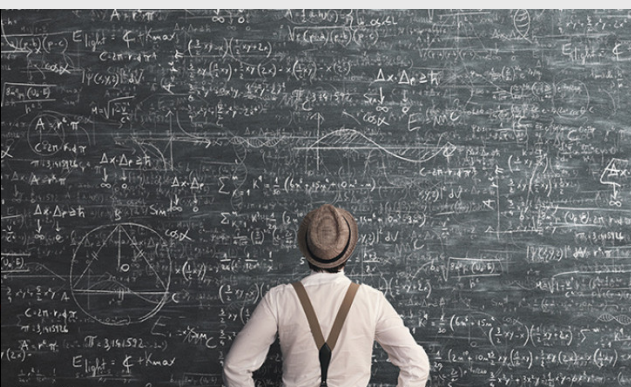
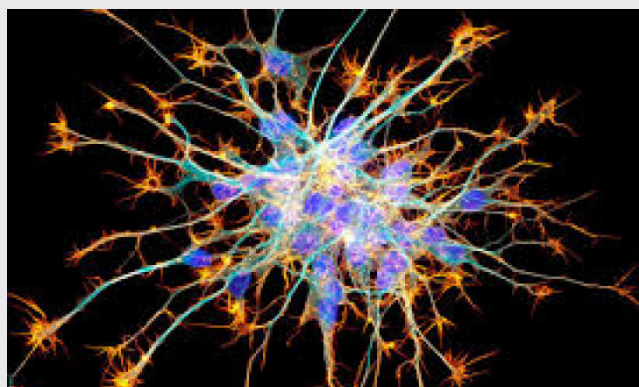
**Eric Schmidt: This is how AI will transform how science gets done**

The hoped-for revolution in climate modeling is just the beginning. With the advent of AI, science is about to become much more exciting-and in some ways unrecognizable. The reverberations of this shift will be felt far outside the lab; they will affect us all.

[www-technologyreview...](#)



IN THE LAB



**Decades-long bet on consciousness ends — and it's philosopher 1, neuroscientist 0**

Christof Koch wagered David Chalmers 25 years ago that researchers would learn how the brain achieves consciousness by now. But the quest continues.

[nature.com](#)

**Mathematicians Discover The Ninth Dedekind Number, After 32 Years of Searching**

Undeterred after three decades of looking, and with some assistance from a supercomputer, mathematicians have finally discovered a new example of a special integer called a Dedekind number.

[sciencealert.com](#)



AFTER HOURS



**Where's Waldo? How to Mathematically Prove You Found Him without Revealing Where He Is**

Zero-knowledge proofs allow mathematicians to prove claims without explaining why they're true

[scientificamerica...](#)



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