News Archive: March 2025

[Medtronic reports first real-world data on smart insulin pen system](https://www.massdevice.com/medtronic-first-real-world-data-smart-mdi/)
[GE HealthCare launches AI-driven breast cancer detection tech](https://www.massdevice.com/ge-healthcare-launches-ai-driven-breast-cancer-detection-tech/)[AI-driven interviews with children may boost accuracy in witness accounts](https://phys.org/news/2025-03-ai-driven-children-boost-accuracy.html)
[Can Earth’s rotation generate power?](https://www.bing.com/ck/a?!&&p=bcf289aa9c83cd8dedb44c279807af7824e10e5e66b71c0d9ad7021fdc5599d1JmltdHM9MTc0MjQyODgwMA&ptn=3&ver=2&hsh=4&fclid=18e9604c-e5f9-66bd-207c-75e0e42d67af&psq=A+possible+way+to+generate+electricity+using+Earth%27s+rotational+energy&u=a1aHR0cHM6Ly93d3cubmF0dXJlLmNvbS9hcnRpY2xlcy9kNDE1ODYtMDI1LTAwODQ3LTA&ntb=1)

[Producing nuclear fusion fuel is banned in the US for being too toxic: Researchers find an alternative](https://techxplore.com/news/2025-03-nuclear-fusion-fuel-toxic-alternative.html)

[Medtronic recalls embolization device after reported death](https://www.massdevice.com/medtronic-recalls-embolization-device-reported-deaths/)
[Anti-amyloid drug shows signs of preventing Alzheimer's dementia](https://medicalxpress.com/news/2025-03-anti-amyloid-drug-alzheimer-dementia.html)

[WearOptimo's AI-Powered Skin Patch Revolutionizes Hydration Monitoring for Athletes and Industry](https://www.mddionline.com/artificial-intelligence/-skin-deep-hydration-wearoptimo-s-ai-powered-patch-quenches-the-thirst-for-accurate-monitoring)

[Current antivirals likely less effective against severe infection caused by bird flu virus in cows' milk](https://www.sciencedaily.com/releases/2025/03/250317184329.htm)

[New eye drops slow vision loss in animals | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250321121311.htm)

[Alzheimer's: Anti-amyloid drug may reduce disease risk by 50%](https://www.medicalnewstoday.com/articles/anti-amyloid-drug-may-help-reduce-risk-early-onset-alzheimers-symptoms)

[Scientists Just Found a Fossil That Doesn’t Belong to Any Known Life Form — What Is It?](https://www.msn.com/en-us/news/technology/scientists-just-found-a-fossil-that-doesn-t-belong-to-any-known-life-form-what-is-it/ar-AA1BuO7U?ocid=BingNewsBrowse)

[Groundbreaking light-driven method to create key drug compounds](https://www.sciencedaily.com/releases/2025/03/250321194606.htm)

[Google releases new AI models for drug discovery](https://www.mobihealthnews.com/news/google-releases-new-ai-models-drug-discovery)

[The Completely Bizarre Physics Near Absolute Zero](https://www.youtube.com/watch?v=Yszg4g-AVsg)

[Kennedy orders takedown of fake CDC vaccine web page](https://medicalxpress.com/news/2025-03-kennedy-takedown-fake-cdc-vaccine.html)

[Alcidion reveals new genAI scribe, patient record apps and more briefs](https://www.mobihealthnews.com/news/anz/alcidion-reveals-new-genai-scribe-patient-record-apps-and-more-briefs)

[New function discovered for protein important in leukemia](https://www.sciencedaily.com/releases/2025/03/250320144650.htm) [Newronika wins CE mark for adaptive DBS for Parkinson’s](https://www.massdevice.com/newronika-ce-mark-adaptive-dbs-parkinsons/)

[New Implantable Blood Glucose Monitor by Glucotrack Promises Longer Life & Faster Readings](https://www.mddionline.com/diabetes/first-in-human-trial-bodes-well-for-fully-implantable-continuous-blood-glucose-monitor)

[Avoidable deaths are on the rise in the United States, yet falling in many peer nations](https://www.msn.com/en-us/public-safety-and-emergencies/health-and-safety-alerts/avoidable-deaths-are-on-the-rise-in-the-united-states-yet-falling-in-many-peer-nations/ar-AA1ByZzi?ocid=BingNewsSerp)

[J&J to invest $55B in U.S. operations](https://www.massdevice.com/johnson-johnson-to-invest-55b-in-u-s-operations/)

[Biologists discover ancient neurohormone that controls appetite](https://phys.org/news/2025-03-biologists-ancient-neurohormone-appetite.html)

[An at-home smell test could pave the way for early detection of Alzheimer's disease](https://medicalxpress.com/news/2025-03-home-pave-early-alzheimer-disease-1.html)

[Social media may heighten depression severity in youth](https://medicalxpress.com/news/2025-03-social-media-heighten-depression-severity.html)
[Engineers develop hybrid robot that balances strength and flexibility—and can screw in a lightbulb](https://techxplore.com/news/2025-03-hybrid-robot-strength-flexibility-lightbulb.html)

[Decades-long quest leads to new antibiotic compounds](https://phys.org/news/2025-03-decades-quest-antibiotic-compounds.html)

[What's the difference between baking powder and baking soda? It's subtle, but significant](https://phys.org/news/2025-03-difference-powder-soda-subtle-significant.html)[How valuable substances can be extracted from wood and plastic waste](https://phys.org/news/2025-03-valuable-substances-wood-plastic.html)

[A multifunctional composite catalyst for sustainable wastewater remediation](https://phys.org/news/2025-03-multifunctional-composite-catalyst-sustainable-wastewater.html)

[How marathons change runners’ brains: scans point to surprise energy source](https://www.nature.com/articles/d41586-025-00864-z)

[Paralysed man stands again after receiving ‘reprogrammed’ stem cells](https://www.nature.com/articles/d41586-025-00863-0)
[NIH has cut one mRNA-vaccine grant. Will more follow?](https://www.nature.com/articles/d41586-025-00828-3)

[Engineers develop a better way to deliver long-lasting drugs | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250324113846.htm)

[New Study Identifies Insular Cortex as Potential Target for Anxiety Treatment Without Cognitive Side Effects](https://www.nyp.org/advances/article/psychiatry/new-study-identifies-insular-cortex-as-potential-target-for-anxiety-treatment-without-cognitive-side-effects?nyp_adv=featured_updates)[Ep27: Newborn Gene Sequencing: Expanding Early Detection of Treatable Diseases](https://www.nyp.org/advances/podcast/newborn-gene-sequencing-expanding-early-detection-of-treatable-diseases?nyp_adv=featured_updates)

[Microbes can capture carbon and degrade plastic — why aren’t we using them more?](https://www.nature.com/articles/d41586-025-00875-w)

[How the Atlantic jet stream has changed in 600 years — and what it means for weather](https://www.nature.com/articles/d41586-025-00871-0)

[Truly autonomous AI is on the horizon](https://www.sciencedaily.com/releases/2025/02/250210231820.htm)

[The Most Useful Thing AI Has Ever Done  Video](https://www.bing.com/videos/riverview/relatedvideo?q=The+Most+Useful+Thing+AI+Has+Ever+Done++Video&qs=n&sp=-1&lq=0&pq=the+most+useful+thing+ai+has+ever+done++video&sc=0-45&sk=&cvid=50F61AE9B0644437B60F229715022399&ghsh=0&ghacc=0&ghpl=&ajaxnorecss=1&sid=0506A944B2E06D673A23BCF4B36F6C7F&jsoncbid=0&ajaxsydconv=1&ru=%2fsearch%3fq%3dThe%2520Most%2520Useful%2520Thing%2520AI%2520Has%2520Ever%2520Done%2520%2520Video%26qs%3dn%26form%3dQBRE%26sp%3d-1%26lq%3d0%26pq%3dthe%2520most%2520useful%2520thing%2520ai%2520has%2520ever%2520done%2520%2520video%26sc%3d0-45%26sk%3d%26cvid%3d50F61AE9B0644437B60F229715022399%26ghsh%3d0%26ghacc%3d0%26ghpl%3d%26ajaxnorecss%3d1%26sid%3d0506A944B2E06D673A23BCF4B36F6C7F%26format%3dsnrjson%26jsoncbid%3d0%26ajaxsydconv%3d1&mmscn=vwrc&mid=0D587EC2CC56CC2BFCC10D587EC2CC56CC2BFCC1&FORM=WRVORC&ntb=1&msockid=830cd93302ae11f0b325c41fa6d9fba7)

[Technofeudalism Is Here—And You’re Already Trapped Inside It-Video](https://www.youtube.com/watch?v=DPpsr7ZJbWc)

[Explainer-What to Know About US Measles Cases on the Rise](https://www.usnews.com/news/top-news/articles/2025-03-26/explainer-what-to-know-about-us-measles-cases-on-the-rise)

[Successful CAR-T cell therapy for end-stage multiple myeloma using advanced cellular product performed in Hong Kong](https://medicalxpress.com/news/2025-03-successful-car-cell-therapy-stage.html)

[The role of journals in medical misconduct](https://medicalxpress.com/news/2025-03-role-journals-medical-misconduct.html)
[Deciphering the sequence of neuronal firing: New study challenges prevailing theory in neuroscience](https://medicalxpress.com/news/2025-03-deciphering-sequence-neuronal-prevailing-theory.html)

[mRNA-based COVID-19 vaccines train the 'long-term memory' of the immune system, study reveals](https://medicalxpress.com/news/2025-03-mrna-based-covid-vaccines-term.html)

[First hormone-free male birth control pill clears another milestone](https://medicalxpress.com/news/2025-03-hormone-free-male-birth-pill.html)

[Chewing gum could be flooding your body with microplastics, new study warns - The Times of India](https://timesofindia.indiatimes.com/life-style/health-fitness/health-news/chewing-gum-could-be-flooding-your-body-with-microplastics-new-study-warns/articleshow/119491283.cms)

[Do-it-yourself box filter clears the air of indoor pollutants](https://medicalxpress.com/news/2025-03-filter-air-indoor-pollutants.html)

[A safe nuclear battery that could last a lifetime | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250326123740.htm)

[Scientists develop dog-inspired robot that runs without motors](https://techxplore.com/news/2025-03-scientists-dog-robot-motors.html)

[Feeling the future: New wearable device mimics the complexity of human tou](https://techxplore.com/news/2025-03-future-wearable-device-mimics-complexity.html)

[Fierce Biotech Layoff Tracker 2025](https://www.fiercebiotech.com/biotech/fierce-biotech-layoff-tracker-2025)
[Sticking to Life’s Essential 8 slashes cancer risk, major study shows](https://www.news-medical.net/news/20250323/Sticking-to-Lifee28099s-Essential-8-slashes-cancer-risk-major-study-shows.aspx)[This molecule links your diet to stroke and Alzheimer’s—here’s how to stop it](https://www.news-medical.net/news/20250326/This-molecule-links-your-diet-to-stroke-and-Alzheimere28099se28094heree28099s-how-to-stop-it.aspx)
[AI and Diabetes: Smarter Glucose Monitoring for Better Health](https://www.azosensors.com/article.aspx?ArticleID=3169)

[**Reduced-dose apixaban proves effective in preventing blood clot recurrence in cancer patients**](https://www.news-medical.net/news/20250329/Reduced-dose-apixaban-proves-effective-in-preventing-blood-clot-recurrence-in-cancer-patients.aspx)[**Rivaroxaban shown to be a viable alternative to warfarin for left ventricular thrombus**](https://www.news-medical.net/news/20250329/Rivaroxaban-shown-to-be-a-viable-alternative-to-warfarin-for-left-ventricular-thrombus.aspx)

[How Forest Regeneration Could Reduce Global Temperatures](https://www.azocleantech.com/article.aspx?ArticleID=1955)

[Seawater Electrolysis: A Pathway to Sustainable Mineral Synthesis](https://www.azocleantech.com/news.aspx?newsID=35626)

[Researchers Explore the Future of Wearable Haptics](https://www.azosensors.com/news.aspx?newsID=16335)

[Mini rolling robot takes virtual biopsies | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250326154441.htm)A tiny magnetic robot which can take 3D scans from deep within the body, that could revolutionize early cancer detection, has been developed by researchers. The team say this is the first time it has been possible to generate high-resolution three-dimensional ultrasound images taken from a probe deep inside the gastrointestinal tract, or gut.

[Embolic protection device does not reduce stroke rate in TAVR procedure](https://www.news-medical.net/news/20250331/Embolic-protection-device-does-not-reduce-stroke-rate-in-TAVR-procedure.aspx)A device designed to remove embolic material—fragments of tissue that can be released into the bloodstream during transcatheter aortic valve replacement (TAVR)—did not result in a reduction in the rate of stroke, according to a randomized trial presented at the American College of Cardiology's Annual Scientific Session (ACC.25).

[Trilogy valve demonstrates safety and effectiveness in treating aortic regurgitation](https://www.news-medical.net/news/20250331/Trilogy-valve-demonstrates-safety-and-effectiveness-in-treating-aortic-regurgitation.aspx) Patients who underwent transcatheter aortic valve replacement (TAVR) with a valve designed to treat aortic regurgitation had an overall mortality rate of just 8.1% at one year, well below the trial's prespecified goal of 25% to show non-inferiority, according to a study presented at the American College of Cardiology's Annual Scientific Session (ACC.25).

[New peptide antibiotic stops bacteria by binding where no drug has before](https://www.news-medical.net/news/20250327/New-peptide-antibiotic-stops-bacteria-by-binding-where-no-drug-has-before.aspx) Lariocidin hits drug-resistant bacteria where others fail — by hijacking the ribosome at a new site, bypassing defences, and opening the door to a new generation of antibiotics.

[The Latest Advances in Cell and Gene Therapy](https://www.news-medical.net/life-sciences/The-Latest-Advances-in-Cell-and-Gene-Therapy.aspx) According to the American Society of Gene & Cell Therapy (ASGCT) and Citeline, a total of 76 CGTs have been launched so far since the first product received approval from the global regulatory bodies in 2004.

[Study offers new insights into the harmful effects of sugar-sweetened beverages on human health](https://www.news-medical.net/news/20250321/Study-offers-new-insights-into-the-harmful-effects-of-sugar-sweetened-beverages-on-human-health.aspx)Researchers at the Advanced Research Unit on Metabolism, Development & Aging (ARUMDA), in the Tata Institute of Fundamental Research (TIFR, Mumbai and TIFR Hyderabad), have unveiled a comprehensive understanding of the harmful effects of sugar-sweetened beverages (SSBs) on human health, using a preclinical mouse model that closely mimics human consumption patterns.

[How Artificial Sweeteners Disrupt the Gut Microbiome, Or Do They?](https://www.news-medical.net/health/How-Artificial-Sweeteners-Disrupt-the-Gut-Microbiome-Or-Do-They.aspx)Studies indicate that sweeteners can significantly alter gut flora, potentially leading to dysbiosis- a disruption associated with metabolic disorders like insulin resistance, obesity, and inflammation. Saccharin and sucralose specifically have been observed to impact gut microbiota composition in various studies consistently.

[Pig Liver Successfully Transplanted Into Human Patient in World First : ScienceAlert](https://www.sciencealert.com/pig-liver-successfully-transplanted-into-human-patient-in-world-first)
A modified pig liver transplanted into a human patient appears to have functioned normally for the duration of the investigation with no signs of rejection.

[There's a Surprisingly Simple Way to Remove Microplastics From Drinking Water : ScienceAlert](https://www.sciencealert.com/theres-a-surprisingly-simple-way-to-remove-microplastics-from-drinking-water) https://youtu.be/5aSyjlba2aA

[Parkinson's Gut Bacteria Link Suggests an Unexpected, Simple Treatment : B Vitamins](https://www.sciencealert.com/parkinsons-gut-bacteria-link-suggests-an-unexpected-simple-treatment)

[World's Most Common Pain Relief Drug May Induce Risky Behavior, Study Finds : ScienceAlert](https://www.sciencealert.com/worlds-most-common-pain-relief-drug-may-induce-risky-behavior-study-finds)

[Biomarkers to Breakthroughs: The Latest on Tau and Neurodegeneration](https://www.azonetwork.com/go/?ruid=6e7869d8df9c4d3986150d566766cb6c&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Novel method for generating antibodies could revolutionize Alzheimer's and Parkinson's research](https://www.azonetwork.com/go/?ruid=f0a317a4d67b40bba5beb3195942b28c&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Study breaks down Alzheimer's treatment effects in clear terms](https://www.azonetwork.com/go/?ruid=66b1d87196dd4374a4695d350cd7d5ea&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Lecanemab and donanemab slow Alzheimer’s decline, but is the benefit worth the cost?](https://www.azonetwork.com/go/?ruid=3d8e3080bb514d5aa7c9eabc7b5f3748&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)

[New research sheds light on brain inflammation in Alzheimer's](https://www.azonetwork.com/go/?ruid=1b5a71c43b764f24bf31fcceb702459b&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4) Brain inflammation, while a crucial part of the body's immune response, takes on a detrimental role in Alzheimer's disease.

[Innovative blood test shows potential to replace spinal tap for Alzheimer's diagnosis](https://www.azonetwork.com/go/?ruid=0531fe68bb794de4b769b07d5a327b86&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4) Up to half of all people living with Alzheimer's Disease in Ireland remain undiagnosed. Now, a new blood test may have the potential to transform patient care, allowing for better diagnosis, earlier interventions and more targeted treatments.

**Choose your starting point**

Choose a template

Add elements

 News Archive: March 2025

[Medtronic reports first real-world data on smart insulin pen system](https://www.massdevice.com/medtronic-first-real-world-data-smart-mdi/)
[GE HealthCare launches AI-driven breast cancer detection tech](https://www.massdevice.com/ge-healthcare-launches-ai-driven-breast-cancer-detection-tech/)[AI-driven interviews with children may boost accuracy in witness accounts](https://phys.org/news/2025-03-ai-driven-children-boost-accuracy.html)
[Can Earth’s rotation generate power?](https://www.bing.com/ck/a?!&&p=bcf289aa9c83cd8dedb44c279807af7824e10e5e66b71c0d9ad7021fdc5599d1JmltdHM9MTc0MjQyODgwMA&ptn=3&ver=2&hsh=4&fclid=18e9604c-e5f9-66bd-207c-75e0e42d67af&psq=A+possible+way+to+generate+electricity+using+Earth%27s+rotational+energy&u=a1aHR0cHM6Ly93d3cubmF0dXJlLmNvbS9hcnRpY2xlcy9kNDE1ODYtMDI1LTAwODQ3LTA&ntb=1)

[Producing nuclear fusion fuel is banned in the US for being too toxic: Researchers find an alternative](https://techxplore.com/news/2025-03-nuclear-fusion-fuel-toxic-alternative.html)

[Medtronic recalls embolization device after reported death](https://www.massdevice.com/medtronic-recalls-embolization-device-reported-deaths/)
[Anti-amyloid drug shows signs of preventing Alzheimer's dementia](https://medicalxpress.com/news/2025-03-anti-amyloid-drug-alzheimer-dementia.html)

[WearOptimo's AI-Powered Skin Patch Revolutionizes Hydration Monitoring for Athletes and Industry](https://www.mddionline.com/artificial-intelligence/-skin-deep-hydration-wearoptimo-s-ai-powered-patch-quenches-the-thirst-for-accurate-monitoring)

[Current antivirals likely less effective against severe infection caused by bird flu virus in cows' milk](https://www.sciencedaily.com/releases/2025/03/250317184329.htm)

[New eye drops slow vision loss in animals | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250321121311.htm)

[Alzheimer's: Anti-amyloid drug may reduce disease risk by 50%](https://www.medicalnewstoday.com/articles/anti-amyloid-drug-may-help-reduce-risk-early-onset-alzheimers-symptoms)

[Scientists Just Found a Fossil That Doesn’t Belong to Any Known Life Form — What Is It?](https://www.msn.com/en-us/news/technology/scientists-just-found-a-fossil-that-doesn-t-belong-to-any-known-life-form-what-is-it/ar-AA1BuO7U?ocid=BingNewsBrowse)

[Groundbreaking light-driven method to create key drug compounds](https://www.sciencedaily.com/releases/2025/03/250321194606.htm)

[Google releases new AI models for drug discovery](https://www.mobihealthnews.com/news/google-releases-new-ai-models-drug-discovery)

[The Completely Bizarre Physics Near Absolute Zero](https://www.youtube.com/watch?v=Yszg4g-AVsg)

[Kennedy orders takedown of fake CDC vaccine web page](https://medicalxpress.com/news/2025-03-kennedy-takedown-fake-cdc-vaccine.html)

[Alcidion reveals new genAI scribe, patient record apps and more briefs](https://www.mobihealthnews.com/news/anz/alcidion-reveals-new-genai-scribe-patient-record-apps-and-more-briefs)

[New function discovered for protein important in leukemia](https://www.sciencedaily.com/releases/2025/03/250320144650.htm) [Newronika wins CE mark for adaptive DBS for Parkinson’s](https://www.massdevice.com/newronika-ce-mark-adaptive-dbs-parkinsons/)

[New Implantable Blood Glucose Monitor by Glucotrack Promises Longer Life & Faster Readings](https://www.mddionline.com/diabetes/first-in-human-trial-bodes-well-for-fully-implantable-continuous-blood-glucose-monitor)

[Avoidable deaths are on the rise in the United States, yet falling in many peer nations](https://www.msn.com/en-us/public-safety-and-emergencies/health-and-safety-alerts/avoidable-deaths-are-on-the-rise-in-the-united-states-yet-falling-in-many-peer-nations/ar-AA1ByZzi?ocid=BingNewsSerp)

[J&J to invest $55B in U.S. operations](https://www.massdevice.com/johnson-johnson-to-invest-55b-in-u-s-operations/)

[Biologists discover ancient neurohormone that controls appetite](https://phys.org/news/2025-03-biologists-ancient-neurohormone-appetite.html)

[An at-home smell test could pave the way for early detection of Alzheimer's disease](https://medicalxpress.com/news/2025-03-home-pave-early-alzheimer-disease-1.html)

[Social media may heighten depression severity in youth](https://medicalxpress.com/news/2025-03-social-media-heighten-depression-severity.html)
[Engineers develop hybrid robot that balances strength and flexibility—and can screw in a lightbulb](https://techxplore.com/news/2025-03-hybrid-robot-strength-flexibility-lightbulb.html)

[Decades-long quest leads to new antibiotic compounds](https://phys.org/news/2025-03-decades-quest-antibiotic-compounds.html)

[What's the difference between baking powder and baking soda? It's subtle, but significant](https://phys.org/news/2025-03-difference-powder-soda-subtle-significant.html)[How valuable substances can be extracted from wood and plastic waste](https://phys.org/news/2025-03-valuable-substances-wood-plastic.html)

[A multifunctional composite catalyst for sustainable wastewater remediation](https://phys.org/news/2025-03-multifunctional-composite-catalyst-sustainable-wastewater.html)

[How marathons change runners’ brains: scans point to surprise energy source](https://www.nature.com/articles/d41586-025-00864-z)

[Paralysed man stands again after receiving ‘reprogrammed’ stem cells](https://www.nature.com/articles/d41586-025-00863-0)
[NIH has cut one mRNA-vaccine grant. Will more follow?](https://www.nature.com/articles/d41586-025-00828-3)

[Engineers develop a better way to deliver long-lasting drugs | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250324113846.htm)

[New Study Identifies Insular Cortex as Potential Target for Anxiety Treatment Without Cognitive Side Effects](https://www.nyp.org/advances/article/psychiatry/new-study-identifies-insular-cortex-as-potential-target-for-anxiety-treatment-without-cognitive-side-effects?nyp_adv=featured_updates)[Ep27: Newborn Gene Sequencing: Expanding Early Detection of Treatable Diseases](https://www.nyp.org/advances/podcast/newborn-gene-sequencing-expanding-early-detection-of-treatable-diseases?nyp_adv=featured_updates)

[Microbes can capture carbon and degrade plastic — why aren’t we using them more?](https://www.nature.com/articles/d41586-025-00875-w)

[How the Atlantic jet stream has changed in 600 years — and what it means for weather](https://www.nature.com/articles/d41586-025-00871-0)

[Truly autonomous AI is on the horizon](https://www.sciencedaily.com/releases/2025/02/250210231820.htm)

[The Most Useful Thing AI Has Ever Done  Video](https://www.bing.com/videos/riverview/relatedvideo?q=The+Most+Useful+Thing+AI+Has+Ever+Done++Video&qs=n&sp=-1&lq=0&pq=the+most+useful+thing+ai+has+ever+done++video&sc=0-45&sk=&cvid=50F61AE9B0644437B60F229715022399&ghsh=0&ghacc=0&ghpl=&ajaxnorecss=1&sid=0506A944B2E06D673A23BCF4B36F6C7F&jsoncbid=0&ajaxsydconv=1&ru=%2fsearch%3fq%3dThe%2520Most%2520Useful%2520Thing%2520AI%2520Has%2520Ever%2520Done%2520%2520Video%26qs%3dn%26form%3dQBRE%26sp%3d-1%26lq%3d0%26pq%3dthe%2520most%2520useful%2520thing%2520ai%2520has%2520ever%2520done%2520%2520video%26sc%3d0-45%26sk%3d%26cvid%3d50F61AE9B0644437B60F229715022399%26ghsh%3d0%26ghacc%3d0%26ghpl%3d%26ajaxnorecss%3d1%26sid%3d0506A944B2E06D673A23BCF4B36F6C7F%26format%3dsnrjson%26jsoncbid%3d0%26ajaxsydconv%3d1&mmscn=vwrc&mid=0D587EC2CC56CC2BFCC10D587EC2CC56CC2BFCC1&FORM=WRVORC&ntb=1&msockid=830cd93302ae11f0b325c41fa6d9fba7)

[Technofeudalism Is Here—And You’re Already Trapped Inside It-Video](https://www.youtube.com/watch?v=DPpsr7ZJbWc)

[Explainer-What to Know About US Measles Cases on the Rise](https://www.usnews.com/news/top-news/articles/2025-03-26/explainer-what-to-know-about-us-measles-cases-on-the-rise)

[Successful CAR-T cell therapy for end-stage multiple myeloma using advanced cellular product performed in Hong Kong](https://medicalxpress.com/news/2025-03-successful-car-cell-therapy-stage.html)

[The role of journals in medical misconduct](https://medicalxpress.com/news/2025-03-role-journals-medical-misconduct.html)
[Deciphering the sequence of neuronal firing: New study challenges prevailing theory in neuroscience](https://medicalxpress.com/news/2025-03-deciphering-sequence-neuronal-prevailing-theory.html)

[mRNA-based COVID-19 vaccines train the 'long-term memory' of the immune system, study reveals](https://medicalxpress.com/news/2025-03-mrna-based-covid-vaccines-term.html)

[First hormone-free male birth control pill clears another milestone](https://medicalxpress.com/news/2025-03-hormone-free-male-birth-pill.html)

[Chewing gum could be flooding your body with microplastics, new study warns - The Times of India](https://timesofindia.indiatimes.com/life-style/health-fitness/health-news/chewing-gum-could-be-flooding-your-body-with-microplastics-new-study-warns/articleshow/119491283.cms)

[Do-it-yourself box filter clears the air of indoor pollutants](https://medicalxpress.com/news/2025-03-filter-air-indoor-pollutants.html)

[A safe nuclear battery that could last a lifetime | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250326123740.htm)

[Scientists develop dog-inspired robot that runs without motors](https://techxplore.com/news/2025-03-scientists-dog-robot-motors.html)

[Feeling the future: New wearable device mimics the complexity of human tou](https://techxplore.com/news/2025-03-future-wearable-device-mimics-complexity.html)

[Fierce Biotech Layoff Tracker 2025](https://www.fiercebiotech.com/biotech/fierce-biotech-layoff-tracker-2025)
[Sticking to Life’s Essential 8 slashes cancer risk, major study shows](https://www.news-medical.net/news/20250323/Sticking-to-Lifee28099s-Essential-8-slashes-cancer-risk-major-study-shows.aspx)[This molecule links your diet to stroke and Alzheimer’s—here’s how to stop it](https://www.news-medical.net/news/20250326/This-molecule-links-your-diet-to-stroke-and-Alzheimere28099se28094heree28099s-how-to-stop-it.aspx)
[AI and Diabetes: Smarter Glucose Monitoring for Better Health](https://www.azosensors.com/article.aspx?ArticleID=3169)

[**Reduced-dose apixaban proves effective in preventing blood clot recurrence in cancer patients**](https://www.news-medical.net/news/20250329/Reduced-dose-apixaban-proves-effective-in-preventing-blood-clot-recurrence-in-cancer-patients.aspx)[**Rivaroxaban shown to be a viable alternative to warfarin for left ventricular thrombus**](https://www.news-medical.net/news/20250329/Rivaroxaban-shown-to-be-a-viable-alternative-to-warfarin-for-left-ventricular-thrombus.aspx)

[How Forest Regeneration Could Reduce Global Temperatures](https://www.azocleantech.com/article.aspx?ArticleID=1955)

[Seawater Electrolysis: A Pathway to Sustainable Mineral Synthesis](https://www.azocleantech.com/news.aspx?newsID=35626)

[Researchers Explore the Future of Wearable Haptics](https://www.azosensors.com/news.aspx?newsID=16335)

[Mini rolling robot takes virtual biopsies | ScienceDaily](https://www.sciencedaily.com/releases/2025/03/250326154441.htm)A tiny magnetic robot which can take 3D scans from deep within the body, that could revolutionize early cancer detection, has been developed by researchers. The team say this is the first time it has been possible to generate high-resolution three-dimensional ultrasound images taken from a probe deep inside the gastrointestinal tract, or gut.

[Embolic protection device does not reduce stroke rate in TAVR procedure](https://www.news-medical.net/news/20250331/Embolic-protection-device-does-not-reduce-stroke-rate-in-TAVR-procedure.aspx)A device designed to remove embolic material—fragments of tissue that can be released into the bloodstream during transcatheter aortic valve replacement (TAVR)—did not result in a reduction in the rate of stroke, according to a randomized trial presented at the American College of Cardiology's Annual Scientific Session (ACC.25).

[Trilogy valve demonstrates safety and effectiveness in treating aortic regurgitation](https://www.news-medical.net/news/20250331/Trilogy-valve-demonstrates-safety-and-effectiveness-in-treating-aortic-regurgitation.aspx) Patients who underwent transcatheter aortic valve replacement (TAVR) with a valve designed to treat aortic regurgitation had an overall mortality rate of just 8.1% at one year, well below the trial's prespecified goal of 25% to show non-inferiority, according to a study presented at the American College of Cardiology's Annual Scientific Session (ACC.25).

[New peptide antibiotic stops bacteria by binding where no drug has before](https://www.news-medical.net/news/20250327/New-peptide-antibiotic-stops-bacteria-by-binding-where-no-drug-has-before.aspx) Lariocidin hits drug-resistant bacteria where others fail — by hijacking the ribosome at a new site, bypassing defences, and opening the door to a new generation of antibiotics.

[The Latest Advances in Cell and Gene Therapy](https://www.news-medical.net/life-sciences/The-Latest-Advances-in-Cell-and-Gene-Therapy.aspx) According to the American Society of Gene & Cell Therapy (ASGCT) and Citeline, a total of 76 CGTs have been launched so far since the first product received approval from the global regulatory bodies in 2004.

[Study offers new insights into the harmful effects of sugar-sweetened beverages on human health](https://www.news-medical.net/news/20250321/Study-offers-new-insights-into-the-harmful-effects-of-sugar-sweetened-beverages-on-human-health.aspx)Researchers at the Advanced Research Unit on Metabolism, Development & Aging (ARUMDA), in the Tata Institute of Fundamental Research (TIFR, Mumbai and TIFR Hyderabad), have unveiled a comprehensive understanding of the harmful effects of sugar-sweetened beverages (SSBs) on human health, using a preclinical mouse model that closely mimics human consumption patterns.

[How Artificial Sweeteners Disrupt the Gut Microbiome, Or Do They?](https://www.news-medical.net/health/How-Artificial-Sweeteners-Disrupt-the-Gut-Microbiome-Or-Do-They.aspx)Studies indicate that sweeteners can significantly alter gut flora, potentially leading to dysbiosis- a disruption associated with metabolic disorders like insulin resistance, obesity, and inflammation. Saccharin and sucralose specifically have been observed to impact gut microbiota composition in various studies consistently.

[Pig Liver Successfully Transplanted Into Human Patient in World First : ScienceAlert](https://www.sciencealert.com/pig-liver-successfully-transplanted-into-human-patient-in-world-first)
A modified pig liver transplanted into a human patient appears to have functioned normally for the duration of the investigation with no signs of rejection.

[There's a Surprisingly Simple Way to Remove Microplastics From Drinking Water : ScienceAlert](https://www.sciencealert.com/theres-a-surprisingly-simple-way-to-remove-microplastics-from-drinking-water) https://youtu.be/5aSyjlba2aA

[Parkinson's Gut Bacteria Link Suggests an Unexpected, Simple Treatment : B Vitamins](https://www.sciencealert.com/parkinsons-gut-bacteria-link-suggests-an-unexpected-simple-treatment)

[World's Most Common Pain Relief Drug May Induce Risky Behavior, Study Finds : ScienceAlert](https://www.sciencealert.com/worlds-most-common-pain-relief-drug-may-induce-risky-behavior-study-finds)

[Biomarkers to Breakthroughs: The Latest on Tau and Neurodegeneration](https://www.azonetwork.com/go/?ruid=6e7869d8df9c4d3986150d566766cb6c&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Novel method for generating antibodies could revolutionize Alzheimer's and Parkinson's research](https://www.azonetwork.com/go/?ruid=f0a317a4d67b40bba5beb3195942b28c&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Study breaks down Alzheimer's treatment effects in clear terms](https://www.azonetwork.com/go/?ruid=66b1d87196dd4374a4695d350cd7d5ea&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)
[Lecanemab and donanemab slow Alzheimer’s decline, but is the benefit worth the cost?](https://www.azonetwork.com/go/?ruid=3d8e3080bb514d5aa7c9eabc7b5f3748&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4)

[New research sheds light on brain inflammation in Alzheimer's](https://www.azonetwork.com/go/?ruid=1b5a71c43b764f24bf31fcceb702459b&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4) Brain inflammation, while a crucial part of the body's immune response, takes on a detrimental role in Alzheimer's disease.

[Innovative blood test shows potential to replace spinal tap for Alzheimer's diagnosis](https://www.azonetwork.com/go/?ruid=0531fe68bb794de4b769b07d5a327b86&nirid=819e9139bf0b48b0a50615adc5491771&nirknd=4) Up to half of all people living with Alzheimer's Disease in Ireland remain undiagnosed. Now, a new blood test may have the potential to transform patient care, allowing for better diagnosis, earlier interventions and more targeted treatments.