

CORRUPTION NEWS

10.5.4 C UPDATE

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TESLA CARS SELF-CRASH ALL THE TIME DUE TO CRAPPY ENGINEERING



**TESLA CARS ALWAYS
CRASH**

New Jersey family killed returning from music festival after their Tesla 'goes off road and slams into sign'



David Dryerman, 54, was driving his Tesla Model S along the Garden State Parkway with his wife, Michele and 17-year-old daughter Brooke on Saturday night when he veered off the road.

TESLA'S KILL THEIR OWNERS



© VIA REUTERS



**TESLA CARS HAVE ELECTRIC
DEFECTS THAT FORCE THEM TO
CRASH**



**MORE DEAD TESLA
OWNERS - COVER UP!**

New Jersey family killed returning from music festival after their Tesla 'goes off road and slams into sign' while oldest son was away at college

By [Brittany Chain](#)

A couple and their teenage daughter have been killed in a horror Tesla crash while driving home from a music festival, leaving their son without a family.

David Dryerman, 54, was driving his [Tesla](#) Model S along the Garden State Parkway with his wife, Michele and 17-year-old daughter Brooke on Saturday night when he veered off the road and into a guardrail and concrete block.

 [r/AnythingGoesNews](#) • 17 hr. ago

Internet Erupts After Elon Musk's Dangerous Tweet About Assassinating Joe Biden And Kamala Harris


<https://dailyboulder.com/internet-erupts-after-elon-musks-dangerous-tweet-a...>



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The trio, who live in a \$1 million home in Woodcliff Lake, were all killed at the scene.

The tightknit family were on their way home from the See. Hear. Now. Festival in [New Jersey](#) at the time of the tragedy.



•
David Dryerman, 54, was driving his Tesla Model S along the Garden State Parkway with his wife, Michele and 17-year-old daughter Brooke on Saturday night when he veered off the road and into a guardrail and concrete block. Son Max, furthest left, was not in the car and is the only surviving member of the family



•
Teenager Brooke Dryerman was killed in the tragedy

State Police Sgt. Charles Marchan said the Tesla first struck a sign, then a guardrail before ultimately colliding with the nearby concrete bridge support, but the reason for the crash remains under investigation.

The couple also have an older son, 19-year-old Max, who was not in the car at the time.

Max has since created a [GoFundMe](#) appeal to support his return to college. That appeal had raised more than \$117,000 as of Wednesday morning.

Woodcliff Lake Mayor Carlos Rendo ordered flags to be lowered in the wake of the tragedy.



r/technology • 17 hr. ago

Tesla Cybertruck Owners Shocked That Tires Are Barely Lasting 6,000 Miles

<https://www.thedrive.com/news/tesla-cybertruck-owners-shocked-that-tires-a...>



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The family were driving home from the See. Hear. Now Festival in New Jersey, pictured





The couple leave behind an older son, 19-year-old Max, who was not in the car at the time

‘I just received word of this terrible tragedy,’ he said.

‘I am in shock. Please keep the family in your prayers.’

The family were valued members of the Jewish community, and the Valley Chabad Jewish Center held a memorial for them on Sunday evening.

‘We are all shocked and in such pain today,’ Rabbi Yosef Orenstein told the crowd of about 150 mourners, the [Pascack Press](#) reported.

‘A terrible accident took beloved parents, David and Michele, and their daughter Brooke, a dear friend to many of our teens.’



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Tesla’s Autopilot and Full Self-Driving linked to hundreds of crashes ...

NHTSA investigated 956 es involving vehicles with Autopilot or FSD and found that drivers were not engaged in the driving task. The agency criticized ‘s design choices, branding ...

Videos of tesla cars crash

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01:21

CCTV video shows Tesla speeding through Paris street before fatal crash

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Report: Tesla Autopilot Involved in 736 Crashes since 2019

caranddriver.com

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A Tesla going over 100 mph. A suspended license. Three lives cut short ...

Published May 14, 2024 Updated May 15, 2024 9:12 AM PT. The 22-year-old behind the wheel of a speeding that ed into a building in Pasadena, claiming the lives of three people Saturday ...

wp

washingtonpost.com

washingtonpost.com › technology › interactive › 2023 › tesla-autopilot-crash-analysis

The final 11 seconds of a fatal Tesla Autopilot crash – The Washington Post

Irfan Uraizee. Oct. 6 at 6:00 a.m. The sun had yet to rise in Delray Beach, Fla., when Jeremy Banner flicked on Autopilot. His red Model 3 sped down the highway at nearly 70 mph, his hands ...

Images of tesla cars crash

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474x266



2560×1920



2979×1683



996×602



474×316



1000×686



1920×1080



640×428



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1900×1069



1920×1080



474×266



1000×500



1920×1040



1280×720



1280×720



1572×786



1600×900

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AP

apnews.com

apnews.com › article › tesla-crash-police-car-lights-flashing-automated-bc96e19cad...

Tesla driver tells police he was using 'self-drive' system when his car ...

The driver stayed at the scene of the , which happened near an intersection at 12:04 a.m. Thursday. The driver is cooperating with police. Officers were investigating a fatal at the time the hit the police car, authorities said.

wp

washingtonpost.com

washingtonpost.com › technology › 2023 › 06 › 10 › tesla-autopilot-crashes-elon-musk

17 fatalities, 736 crashes: The shocking toll of Tesla's Autopilot

chief executive Elon Musk has said that operating in 's Autopilot mode are safer than those piloted solely by human drivers, citing rates when the modes of driving are ...

CNN

cnn.com

cnn.com › 2023 › 01 › 03 › us › tesla-crash-cliff-california-cec

Tesla plunges 250 feet off a California cliff, all 4 occupants survive

Two adults and two children somehow escaped serious injuries after their plunged off a cliff along California's Pacific Coast Highway and ed on a rocky beach some 250 feet below.

wp

washingtonpost.com

washingtonpost.com › ... › interactive › 2024 › tesla-full-self-driving-fatal-crash

Tesla employee in fiery crash may be first 'Full Self-Driving' death ...

A driver who caused an eight-car pileup with multiple injuries on the San Francisco-Oakland Bay Bridge in 2022 told police he was using Full Self-Driving. And The Post has linked the ...





nbcnews.com

nbcnews.com › news › us-news › tesla-driver-plunged-family-california-cliff...

Tesla driver who plunged his family off California cliff did so on ...

The driver will be booked on attempted murder counts. A California man intentionally drove a off a 250-foot cliff in an attempt to kill his family, officials said Tuesday. The driver and his ...



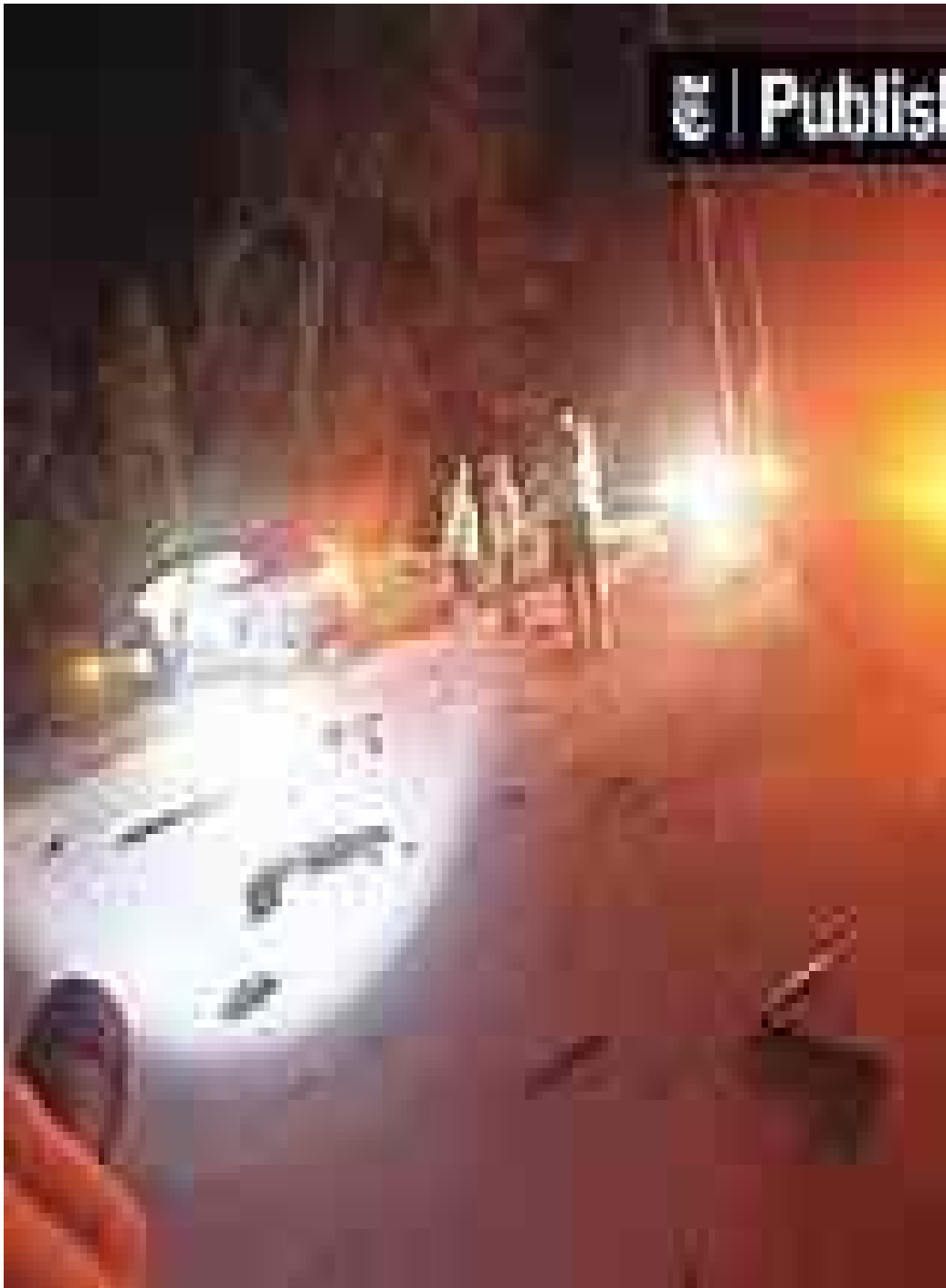


nytimes.com

nytimes.com › 2021 › 08 › 17 › business › tesla-autopilot-accident

‘It Happened So Fast’: Inside a Fatal Tesla Autopilot Accident

In July, a ran into a sport utility vehicle parked at the site of an earlier accident on a highway near San Diego. The driver had Autopilot on, fell asleep and, later, failed a sobriety test ...



AP

apnews.com

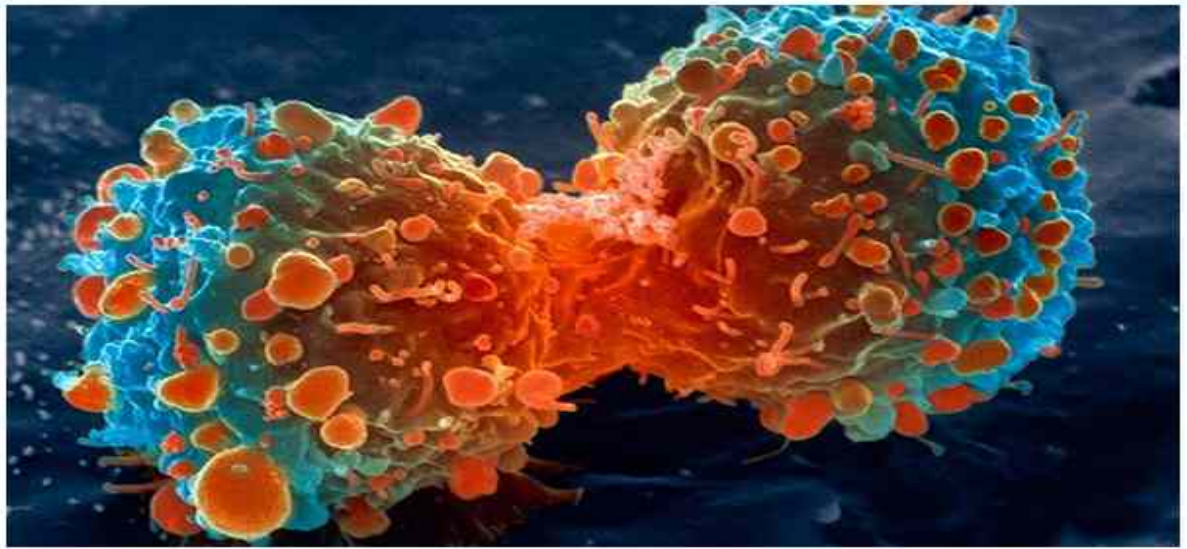
apnews.com › article › tesla-crash-washington-autopilot-motorcyclist-killed-a572c...

Seattle driver in deadly Tesla crash says he was using Autopilot | AP News

After the Friday in a suburban area about 15 miles (24 kilometers) northeast of the city, the driver of a 2022 Model S told a Washington State Patrol trooper that he was using Autopilot

Alcohol raises the risk of developing cancer.

Samir Jason 01:24 Alcohol, Bowel Cancer 0 Comments



Credit: National Institutes of Health

Alcohol can cause cancer by permanently damaging stem cell DNA, a new **study** has found.

**SCIENCE PROVES THAT BOOZE CAUSES
CANCER – IT'S YOUR FAULT IF YOU GET
CANCER IF YOU DRINK EVEN A FEW DRINKS**

Deep Links Between Alcohol and Cancer Are Described in New Report And Feds Cover It Up



Adults under age 50 have been developing breast cancer and colorectal cancer at increasingly higher rates over the last six decades, and alcohol use may be one factor driving the trend, according to a scientific report published on Wednesday.

The report, by the American Association for Cancer Research, highlights scientific breakthroughs that have led to new anticancer drugs and improved overall survival.

But the authors also described a troubling pattern: Even as cancer death rates have declined, the overall incidence of several cancers has been rising inexplicably, with an especially alarming increase among younger adults in cancers of the gastrointestinal system, like colorectal cancer.

The report estimates that 40 percent of all cancer cases are associated with modifiable risk factors. It recommends reducing alcohol consumption, along with making lifestyle changes such as avoiding tobacco, maintaining a healthy diet and weight, exercising, avoiding ultraviolet radiation and minimizing exposure to pollutants.

The authors called for raising awareness through public messaging campaigns and adding cancer-specific warning labels to alcoholic beverages.

The recommendations come amid a radical rethinking of the putative health benefits of moderate alcohol consumption, which for years was considered to be protective against heart disease.

Just last month, a large study that followed more than 135,000 older British adults for over a decade found that moderate and light drinkers did not benefit from a reduction in heart disease when compared with occasional drinkers.

And both moderate and light drinkers experienced more cancer deaths than occasional drinkers, a finding accentuated among low-income seniors and those with existing health problems.

“Fifty-one percent of people — or more than half — do not know that alcohol increases your risk of cancer” said Jane Figueiredo, an epidemiologist at the Samuel Oschin Comprehensive Cancer Institute at Cedars-Sinai Medical Center in Los Angeles who served on the steering committee that prepared the report. “That’s concerning.”

“We can talk about the myth that red wine has potential cardiovascular benefits, but there are many ways to keep your heart healthy, and these potential benefits don’t really outweigh your cancer risks,” she said.

Excessive alcohol consumption increases the risk for six types of malignancies, including esophageal squamous cell carcinoma and certain types of head, neck, breast, colorectal, liver and stomach cancers, the report found.

Some 5.4 percent of cancers in the United States — just over one in 20 cancer diagnoses — were attributed to alcohol consumption in 2019, the most recent year for which data is available.

Yet public awareness is low. One study found that fewer than one-third of women age 18 to 25 knew that alcohol use increases the risk of breast cancer.

Among adults in their 30s, cancer rates rose significantly between 2010 and 2019. The greatest increases in 2019 were in cancers of the breast, thyroid, colon and rectum, the report said.

Early-onset colorectal cancer (defined as malignancies in adults under 50) rose by 1.9 percent each year between 2011 and 2019, the report said, citing numerous published studies that have documented the trend.

Fortunately, new treatments are extending survival time for people with cancer. Death rates for women over 50 with breast cancer have fallen, as have death rates for older adults with colorectal cancer.

Yet rates of these cancers in young adults are going up, as have rates of gastric cancers and certain blood cancers, the report said. And even as patients with leukemia, melanoma and kidney cancer are living longer, the overall incidence of these diseases has been rising.

The factors driving the increase in early-onset colorectal cancer are not well understood, but many studies have shown that frequent and regular drinking in early and mid-adulthood is associated with a higher risk of colon and rectal cancers in later life.

Increased alcohol intake in mid- to late adulthood also worsens the risk. Alcohol has adverse effects on the microbiome, the collection of bacteria, fungi and viruses that live on and inside our bodies, Dr. Figueiredo said.

Drinking alters gut bacteria, which can play a role in the growth and spread of cancers.

It is also believed to increase the risk of breast cancer in women because it can raise levels of the hormone estrogen, which can fuel development of the disease. As a result, reducing alcohol consumption is one of the few ways that women can modify their risk for this disease.

And while women have long been discouraged from drinking during pregnancy for many reasons, the American Association for Cancer Research's report provides another one: studies have shown that consuming alcohol during pregnancy increases the risk of childhood leukemia in offspring. Both moderate and high levels of drinking during pregnancy increased the risk, research has found.

The post [Deep Links Between Alcohol and Cancer Are Described in New Report](#) appeared first on [New York Times](#).

alcohol cause cancer





cancer.gov

cancer.gov › about-cancer › causes-prevention › risk › alcohol › alcohol-fact-sheet

Alcohol and Cancer Risk Fact Sheet – NCI – National Cancer Institute

drinking is a known human carcinogen that can cause several types of , especially head and neck, esophageal, liver, and breast s. The more a person drinks, the higher the risk of developing an -associated , and the effects are not offset by any potential benefits of moderate drinking.



nytimes.com

nytimes.com › 2024 › 09 › 18 › health › alcohol-cancer-young-adults

Deep Links Between Alcohol and Cancer Are Described in New Report

Some 5.4 percent of s in the United States — just over one in 20 diagnoses — were attributed to consumption in 2019, the most recent year for which data is available. Yet

...



verywellhealth.com

verywellhealth.com › types-of-cancer-caused-by-drinking-alcohol-513626

Types of Cancer Caused by Drinking Alcohol – Verywell Health

Learn how consumption can increase the risk of liver, breast, oral, throat, laryngeal, and colorectal . Find out what constitutes heavy drinking and how to reduce your risk by cutting back or quitting.





cdc.gov

cdc.gov › cancer › risk-factors › alcohol

Alcohol and Cancer | Cancer | CDC

Drinking raises your risk of getting several kinds of , such as mouth, throat, liver, and breast. Learn how to lower your risk by drinking less or not drinking at all, and get resources and advice from CDC.



cancer.org

cancer.org › cancer › risk-prevention › diet-physical-activity › alcohol-use-and...

Alcohol Use and Cancer | Health Effects | American Cancer Society

Learn how use can increase the risk of several types of , such as mouth, throat, liver, colon, rectum, and breast. Find out how affects the body, the recommended limits, and the effects of drinking during and after treatment.



cancer.gov

cancer.gov › news-events › cancer-currents-blog › 2023 › cancer-survivors-alcohol...

In People with Cancer, Heavy Drinking is Common – NCI

A study of over 15,000 people with a history of found that many reported hazardous or binge drinking, especially younger and male participants. Drinking increases the risk of at least seven types of s and may interfere with treatments and survivorship.

**OF ABOUT 12,000
PEOPLE WITH CANCER
WHO REPORTED DRINKING ALCOHOL**

NEARLY
40%

**ENGAGED IN
HAZARDOUS DRINKING**



cancerresearchuk.org

cancerresearchuk.org › about-cancer › causes-of-cancer › alcohol-and-cancer › how...

How does alcohol cause cancer? – Cancer Research UK

7 types of , including breast, bowel, mouth and throat s. It's the itself that damages your cells, even in small amounts, and the risk increases with the amount you drink.

HOW DOES ALCOHOL CAUSE CANCER?

There are three ways alcohol can damage your cells:



Alcohol can also damage the DNA in your cells. This can lead to cancer.



Alcohol can also damage the DNA in your cells. This can lead to cancer.



cancer.gov

cancer.gov › about-cancer › causes-prevention › risk › alcohol

Risk Factors: Alcohol – NCI – National Cancer Institute

Drinking can increase your risk of of the mouth, throat, esophagus, larynx (voice box), liver, and breast. The more you drink, the higher your risk. The risk of is much higher for those who drink and also use tobacco.



nejm.org

nejm.org › [doi](#) › [full](#) › [10.1056](#) › [NEJMSr2306723](#)

The IARC Perspective on Alcohol Reduction or Cessation and Cancer Risk

The IARC convened a group of scientists to review the evidence on reduction or cessation of beverage consumption in relation to -related incidence or mortality.

- **Any cell phone, Tesla or pager can be remotely detonated by your enemy now**

By David Averre

Hundreds of Hezbollah fighters were reportedly killed or wounded this afternoon when the pagers they used to communicate exploded, according to Lebanese security sources.

The shocking incident, which saw scores of Hezbollah members severely injured throughout southern Lebanon and in its capital Beirut, constitutes the single largest intelligence breach in the militant outfit's history, an official said.

The wave of sudden and unexpected detonations, which began around 3:45pm local time (1345 GMT) and lasted roughly an hour, gave way to widespread panic and chaotic scenes in Beirut.

Victims were seen sporting significant wounds as they lay on the ground surrounded by terrified bystanders in images shared to social media and broadcast by Lebanese and Israeli media.

Speculation is mounting that the technology was somehow hacked or sabotaged by Israeli security services.

One source close to Hezbollah told AFP the incident came as a direct result of an 'Israeli breach' of its communications, while another confirmed 'at least 150 people' had been wounded – including Iran's ambassador to Lebanon, Mojtaba Amani.

A different official told AP on condition of anonymity that the cause of the explosions could be the lithium batteries that power the pagers, which can catch on fire when overheated.

Israeli officials are yet to comment.



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The stunning incident saw scores of Hezbollah members severely injured throughout southern Lebanon and in its capital Beirut



•

An image grab taken from a UGC video posted on social media on September 17, 2024, shows men covered in blood in Beirut's southern suburbs after dozens of Hezbollah group members were injured when their pagers exploded





-

Pagers used by Hezbollah members for vital communications exploded this afternoon, injuring hundreds



•
The sudden and unexpected detonations gave way to widespread panic and chaotic scenes in images shared on

 Breaking: Tens of Hezbollah communication devices are exploding during the past hour. Initial reports state that over one hundred Hezbollah terrorists already injured.

Here's footage from two such explosion  pic.twitter.com/rMwdRWsTGB

— Dr. Eli David (@DrEliDavid) September 17, 2024

Earlier this year, Hezbollah's leader Hassan Nasrallah urged members of his organisation to revert to using the pagers for vital communications, reasoning that modern smartphones would be more susceptible to cyber attacks by Israeli forces.

Rechargeable lithium batteries are used in consumer products ranging from smartphones and laptops to electric cars.

The battery battery fires can burn up to 590 degrees celsius (1,100 F) when ignited.

Lebanon's National News Agency (NNA) said 'tens of injured have been taken to hospital after the handheld pagers system was detonated using advanced technology' and relayed urgent calls from hospitals in the country's south for people to donate blood.

The sudden explosions across southern Lebanon this afternoon come hours after an Israeli strike on Lebanon killed three people, the health ministry said.

Israeli forces have traded near-daily fire with the Iran-backed Lebanese group since its ally Hamas launched the October 7 attacks on Israel, triggering the war in Gaza.

The health ministry said an 'Israeli enemy strike' on the border village of Blida killed 'three people and wounded two', without specifying if they were fighters or civilians.

Israel's military said its air force 'eliminated three terrorists' from Hezbollah who were at a 'terrorist infrastructure site' in the Blida area.

Hezbollah did not immediately announce any fighters had been killed, but claimed a series of attacks on Israeli troops and positions near the border on Tuesday.

The NNA reported several Israeli attacks in the south of the country.



•
Civil Defence first-responders carry a wounded man whose handheld pager exploded at al-Zahraa hospital in Beirut, Lebanon, Tuesday, Sept. 17, 2024



•

Smoke rises from an Israeli airstrike on the village of Blida in southern Lebanon, as seen from an undisclosed location in the Upper Galilee, northern Israel, 17 September 2024



•

The Israeli Iron Dome air defense system fires to intercept an attack from Lebanon over the Galilee region, near Kiryat Shmona, as seen from the Israeli-annexed Golan Heights, Tuesday, Sept. 17, 2024

The latest deaths came hours after Israeli Prime Minister Benjamin Netanyahu's office said the political-security cabinet had 'updated the goals of the war' to include 'the safe return of the residents of the north to their homes'.

Almost a year of cross-border violence has displaced tens of thousands of people on both sides of the border.

Israeli Defence Minister Yoav Gallant said on Monday that 'military action' was the 'only way left to ensure the return of Israel's northern communities'.

The violence has killed some 627 people in Lebanon, including at least 141 civilians.

On the Israeli side, including in the annexed Golan Heights, authorities have announced the deaths of at least 24 soldiers and 26 civilians.

Hezbollah has repeatedly said that only a ceasefire in Gaza will put an end to its attacks, and diplomatic activity in recent months has sought to avert all-out war.

OBAMA & ELON MUSK LITHIUM MINES IN AFGHANISTAN ARE CORRUPT GOLDMAN SACHS STOCK SCAMS




 [Vergrößern](#)

Bild: Noah Friedman-Rudovsky

IS NORTH KOREA WORKING ON ACTUAL 'ZOMBIES'?

Scientists discover a 'third state' of Zombie-ism beyond life and death – in breakthrough that proves Zombies are a reality

After an organism has died, cells are gaining new capabilities that they did not possess in life, the researchers say. Different cell types have different capacities for survival. Could Genentech, In South San Francisco, be secretly experimenting with Zombie anti-venom in their super-covert G-Red Building? Could the dead be reanimated?

In sci-fi films such as 'Frankenstein' and 'Re-Animator', human bodies are brought back to life, existing in a freakish condition between life and death

The new study in **Physiology** has been ***led by Professor Peter Noble at the University of Washington in Seattle and Alex Pozhitkov at City of Hope National Medical Center, Duarte California.***

'Life and death are traditionally viewed as opposites,' they say in a new piece for **The Conversation**.

'But the emergence of new multicellular life-forms from the cells of a dead organism introduces a 'third state' that lies beyond the traditional boundaries of life and death.

'Certain cells – when provided with nutrients, oxygen, bioelectricity or biochemical cues – have the capacity to transform into multicellular organisms with new functions after death.'

The team conducted a review of recent studies that investigated the remarkable capability of cells to exist in new forms after an organism has died.

In 2021, researchers in the US found that skin cells from dead frogs were able to adapt to a petri dish in a lab, spontaneously reorganizing into multicellular organisms **called 'xenobots'**.

These organisms showed behaviours beyond their original biological roles – by using their cilia – small, hair-like structures – to move through surroundings.

•

In the classic 1980s film 'Re-Animator', a medical student discovers how to bring human tissue back to life

•

Pictured, computer-designed organisms that gather single cells inside a Pac-Man-shaped 'mouth' and release 'babies' (green)

Other scientists also found that human lung cells can self-assemble into miniature multicellular organisms that can move around – **dubbed 'anthrobots'**.

These anthrobots not only can navigate their surroundings but also repair both themselves and injured nerve cells nearby.

The team say these are examples of new cell functions that don't exist in life, 'showing change in ways that are not predetermined'.

How certain cells function in the third state after an organism dies remains unclear, but one potential Frankenstein-style explanation is a hidden system of 'electrical circuits' that reanimate the cells.

The team say: 'One hypothesis is specialized channels and pumps embedded in the outer membranes of cells serve as intricate electrical circuits.'

Do YOU believe in a 'third state' of existence?

Diagram A shows an anthrobot building a bridge across a scratched nerve cell over the course of three days. Diagram B highlights the 'stitch' in green at the end of day three

-

This anthrobot was made from human lung cells, coaxed into a new shape that can crawl around and repair damaged tissue

-

Xenobots can gather hundreds of single cells, compress them and assemble them into 'babies' released from their Pac-Man-shaped mouths

'These channels and pumps generate electrical signals that allow cells to communicate with each other and execute specific functions such as growth and movement, shaping the structure of the organism they form.'

Several factors may influence whether the cells have this capability, including environmental conditions (such as temperature) and energy sources (whether they have access to fuel and can metabolize).

'Metabolic activity plays an important role in whether cells can continue to survive and function,' the research team add.

Factors such as age, health, sex and type of species also 'shape the postmortem landscape' – in other words, whether they can exist in the third state.

Ultimately, the research hints at 'unexplored frontiers' that could bring animal cells into the third state – although whether it one day resembles the likes of 'Re-Animator' remains to be seen.

In the classic 1980s film, a medical student discovers how to bring human tissue back to life – with violent consequences.

'This research has the potential to transform regenerative medicine, redefine legal death, and provide insights into life's physiological limits, paralleling inquiries in embryogenesis,' the study authors conclude.

Infection and pandemics have never been more relevant globally, and zombies have long been used to express this fascination in pop culture. Given the interest in zombies in American popular culture, Elizabeth Fusco connects zombies to a scientific context with this piece. -ML

From horror movies to children's toys, zombies are a staple in American pop culture. The word zombie arises from sugar cane plantations in Haiti, where the word zonbi describes one's soul. The slaves on these plantations believed a sorcerer could cast a spell to turn a person into a zombie. One of the substances used in these spells is tetrodotoxin, a deadly neurotoxin most famously found in pufferfish. Tetrodotoxin induces zombie-like symptoms, such as difficulty walking and mental impairment. Clarivius Narcisse is a famous case of zombie-fication by tetrodotoxin poisoning. He was admitted to the hospital and pronounced dead, only for his sister to identify him at a village market 18 years later! Once reunited with his family, he recounted what it was like to enter a zombie-like state.

The first scientist gives an expected answer, to fear viruses. The second offers a more unconventional idea and states we should be fearful of a fungi-induced pandemic. While the audience laughs, he warns that we have no effective fungicides and that fungus is more likely to mutate as the Earth warms, allowing it to infect warm-blooded humans, leaving us as "billions of puppets with poisoned minds." In ***The Last of Us*** universe, his fears come true, and 40 years later, fungi mutate to infect humans. The inspiration for this pandemic comes from a real-life fungal species: cordyceps.

The first scientist gives an expected answer, to fear viruses. The second offers a more unconventional idea and states we should be fearful of a fungi-induced pandemic. While the audience laughs, he warns that we have no effective fungicides and that fungus is more likely to mutate as the Earth warms, allowing it to infect warm-blooded humans, leaving us as "billions of puppets with poisoned minds."

-Elizabeth Fusco on The Last of Us' impact

Cordyceps in Context

Overall, the show makes the cordyceps infection in humans seem realistic, and you can tell that they consulted with scientists who study fungi when creating it. Cordyceps are also known as the ‘zombie ant fungus’ due to their ability to infect ants and control their minds. After infection, the fungus grows within the ant and eventually controls the ant’s brain. The control method of the cordyceps in ***The Last of Us*** mimics how cordyceps control ants, where once infected, the cordyceps command the victim to infect as many other people as possible to spread the fungus. In ***The Last of Us***, the cordyceps also take root and spread throughout the infected being’s body. The show even highlights this in a scene where Ellie cuts the flesh of a dead infected, and cordyceps tendrils come spilling out.

The control method of the cordyceps in ***The Last of Us*** mimics how cordyceps control ants, where once infected, the cordyceps command the victim to infect as many other people as possible to spread the fungus.

In ***The Last of Us*** universe, cordyceps infection begins when an infected individual bites a victim. Then, depending on how far the bite is from the brain, it takes variable amounts of time for the fungus to take control. While bites do not cause fungal infections, this route of infection is how the disease rabies is spread, which may be the inspiration for this aspect of infection in ***The Last of Us***. In our universe, cordyceps spread through airborne spores rather than a bite. In the video game form of ***The Last of Us***, the characters wear gas masks to protect themselves from infectious, airborne spores. Still, this concept was scrapped in the television show so that audiences could better see the actors’ faces.

The Last of Us gives us a unique take on the zombie apocalypse. Although the show is fictional, many aspects are based on scientific truth, and it has exposed its viewers to the beautiful world of fungi. Hopefully, this show has also piqued the public’s interest in learning more about the world and the amazing microbes that inhabit it.

GOOGLE USED SPY AGENCY TECHNOLOGY TO HIDE FROM GOVERNMENT REGULATORS WORLDWIDE

Google tried to get around monopoly complaints with secret program codenamed 'Jedi'

By [Nick Allen](#) In [Alexandria, Virginia](#)

- [Google Directs Americans Searching For Voter Registration Info To Left-Wing Elections Group](#)
- [Google Trial 2.0: Internal Docs Show Internet Giant Used Exclusivity Deals To Maintain Ad Empire](#)

[Google](#) launched a project codenamed 'Jedi' as its digital advertising business came under threat, a court heard.

Executives at the tech titan knew internet publishers were keen to 'keep Google at bay' by using a new way to sell adverts, according to internal emails.

Private concerns were expressed by those executives that Jedi would be seen as 'nefarious' and 'self-serving' but it went ahead.

The revelations came on the fourth day of an antitrust trial brought against Google by the U.S. Department of Justice (DOJ).

Government lawyers allege Google controlled the market for display advertising on the internet, including on news websites, and engaged in monopolistic and anti-competitive behavior. The tech giant denies the allegations.



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Executives at the tech titan knew internet publishers were keen to 'keep Google at bay' by using a new way to sell adverts, according to internal emails
Websites show around 13 billion display adverts every day.

Google owns the technology tool used by most publishers to sell advertising space on their sites.

It also owns the main system used by advertisers to buy that space.

And it runs the biggest exchange where instant auctions are held to buy and sell the adverts.

The exchange, AdX, takes a 20 percent cut of each advertising dollar.

The complex case is being heard in a federal court in Alexandria, Virginia by Judge Leonie Brinkema, without a jury.

DOJ officials want the judge to force Google to sell off part of its business and, at one point in proceedings, she asked a witness what would happen if the tech giant's display advertising arm was 'blown apart'.

The witness, Jed Dederick, chief revenue officer for The Trade Desk, a competing advertising platform, said publishers would not let ad space 'go unsold'.

Dederick also told the court that in negotiating with Google 'they've been draconian and absolutist in accepting our feedback.'

It was 'impossible to say no' to implementing Google products 'unless you're (the size of) Disney,' he said.

The court heard how the emergence of a new ad sales system called header bidding (HB), around 2016 had made publishers less reliant on Google.

But in response Google launched 'Jedi,' which was known publicly as Exchange Bidding.

Emails between various Google executives showed they wanted to 'dry out' HB, which was 'undermining the value of (Google products) as a must-call platform.'

It was 'rational' for publishers to 'want to diversify their sources of income. It helps them to keep Google at bay and put pressure on us (similar to any industry),' one executive wrote.

Another noted how some publishers were even 'willing to tolerate revenue loss in exchange for a reduced reliance' on Google.

A 'highly confidential' July 2018 report outlined 'Jedi' said the strategy was to 'improve auctions and increase net revenue.'

It added that 'stopping header bidding' may not be 'feasible'.

The plan would make complex changes to the instantaneous auction system for display ads.

There were internal concerns about Jedi, including that it would be 'viewed as pure loss of functionality that Google is doing for their own (perceived nefarious, self-serving reasons).'

One Google executive said there was a 'weird and unorthodox cascade of auctions for Jedi publishers.'

An audio recording of an April 2019 meeting between a Google product manager and representatives of 40 publishers was played to the court.

In it a representative from a news website said: 'You have made it next to impossible for any of us to figure out how to increase our yield with partners outside of Google.'

She added 'Isn't that a monopoly?' and 'It seems to me this was all built for HB not to exist.'

A Google executive later said in an email that pushback from publishers 'looks serious'.

Lawyers for Google showed the court documents saying that, after the meeting, the tech giant had carried out 'extensive partner education'.

There had been consultation with 400 publishers and feedback had been incorporated into their products, the documents said.

