

GENTLE.NEWS

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"I would like to be the air that inhabits you for a moment only. I would like to be that unnoticed and that necessary."

— Margaret Atwood

Alaska Fjord Shows Nature's Power to Change

A dramatic natural event happened in Alaska this summer. It shows how powerful nature can be.

Tracy Arm is a beautiful fjord in southeast Alaska. A fjord is a narrow waterway surrounded by tall cliffs. For thousands of years, glaciers carved this special place with ice and snow.

On August 10, a huge landslide occurred. About 64 million cubic meters of rock slid down the mountainside. That's enough rock to fill many football stadiums! The falling rocks splashed into the water below.

This splash created a big wave called a tsunami. The wave was so powerful it reached 1,578 feet up the opposite cliff. It cleared away trees and plants as it climbed up the rocky walls.

NASA satellites took pictures before and after the event. The photos show how much the landscape changed. You can see the bright scar where the rocks slid down. This shows us how nature continues to reshape our world every day.

NASA Adds New Aircraft for Sky Research

NASA has exciting news from California. The space agency added four new aircraft to help with research.

The new planes include two fast F-15 jets. There is also a utility plane and a trainer aircraft. All will help scientists study our world from the sky.

NASA's Armstrong Flight Research Center has used many aircraft over 80 years. They have flown everything from huge shuttle carriers to rocket-powered planes. The center continues this proud tradition today.

The skilled workers at Armstrong know how to handle special aircraft. They can modify planes for unique research missions. Their knowledge helps scientists from around the world.

These flying laboratories collect important information. Scientists study air quality and track changes in nature. The aircraft carry special equipment high above Earth to gather data that helps us all.

Technology & Innovation

Smart Computers Help Scientists Make Better Chips

Scientists are working on exciting new ways to make computer chips better. These tiny parts help our phones, tablets, and computers work faster.

At a special research center, smart computers are now helping scientists do their work. These computer helpers can look at test results and decide what to try next. It's like having a very smart assistant in the lab.

The scientists don't have to do all the slow work by themselves anymore. The computer helpers can figure out the best ways to make new materials for chips. They learn from each test and get better at their job.

This new way of working is much faster than before. But it's not just about speed. The scientists can now try things that were too hard to do the old way.

These smart lab helpers are making it easier to build the computer chips of tomorrow. This means our devices will work even better in the future.

Scientists Find New Liver Cells That Fight Disease

Scientists have made an exciting discovery about our livers. They found a brand new type of liver cell that nobody knew about before.

The liver is one of our most important organs. It helps clean our blood and keeps us healthy. Scientists at the University of Michigan wanted to learn more about how the liver works.

The research team looked at liver samples under powerful microscopes. They studied the different types of cells that make up the liver. Most liver cells fall into three main groups. But the scientists found a fourth group that was completely new.

These special new cells seem to protect the liver from getting sick. They work like tiny guards inside the liver. When the liver is healthy, these cells help keep it that way.

This discovery could help doctors create better treatments for liver problems. The scientists are excited to keep studying these helpful cells. Their work gives hope for new ways to keep livers strong and healthy.

Better Medicine Safety for Expecting Mothers

The Food and Drug Administration wants to help pregnant women and their doctors make safer choices about medicine. They just released new guidelines to study how medicines affect expecting mothers and babies.

Many pregnant women need medicine for health problems. But doctors often don't have enough information about how safe these medicines are during pregnancy. The new guidelines will help researchers collect better safety information after medicines are approved.

Dr. Marty Makary from the FDA says pregnant women and doctors need clear, reliable information. This helps them make the best treatment decisions together. The new guidance gives doctors better ways to collect safety facts.

Dr. Tracy Beth Hoeg explains that many medicines are given to pregnant women without enough pregnancy safety data. The new guidelines show how to design better studies. This means doctors will have more helpful information when caring for pregnant patients.

These safety studies need experts from many fields. Doctors who specialize in pregnancy, children's health, and medical research all work together. Their goal is to keep both mothers and babies as healthy as possible.

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

AIRCRAFT

HEALTHY

SAFETY

CELLS

FJORD

ROCKS

LIVER

