

# GENTLE.NEWS

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*"When I was a boy of 14, my father was so ignorant I could hardly stand to have the old man around. But when I got to be 21, I was astonished at how much the old man had learned in seven years."*

— Mark Twain

## Technology & Innovation

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### Smart Computers Help Scientists Make New Discoveries

Scientists are using smart computers to help solve big problems. These computers can think and learn like people do.

Dr. Rob Moore works at a science lab. He studies how computers can help scientists work faster. His team teaches computers to run experiments by themselves.

For many years, scientists have tried to solve hard problems. Some problems take too long to figure out. Smart computers can help find answers much faster than before.

The computers can connect different lab tools together. They can run tests day and night without getting tired. This helps scientists discover new things more quickly.

Dr. Moore's team is working on something called Labs of the Future. These special labs will use smart computers to help solve problems that help everyone. The computers will make science faster and easier for everyone to understand.

### **Hubble Telescope Finds Beautiful Spiral Galaxy**

NASA's Hubble Space Telescope has taken a stunning new picture. It shows a spiral galaxy that sparkles with many stars.

The galaxy is called NGC 3137. It sits 53 million light-years away from Earth. That's very far away in space! The galaxy is in a group of stars called Antlia.

This galaxy looks like a beautiful pinwheel. It has curved arms that spiral outward. Bright star clusters dot the arms like jewels. The whole galaxy glitters and shines.

Scientists are excited about this discovery. The galaxy is similar to our own Milky Way. It travels with other galaxies in a group. Our Milky Way also travels in a group with other galaxies.

By studying this distant galaxy, scientists learn more about space. They can see how new stars are born. They also learn how galaxies work together. This helps us understand our own place in the universe.

## **Animals & Wildlife**

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### **Florida Nature Park Brings Joy to Visitors**

A special nature park in Florida is making people very happy. Robinson Preserve was once old farmland. Now it is a beautiful place for fish and people to enjoy.

The county spent money to make this 700-acre park better. They added wetlands and mangrove trees. They built walking trails and towers for watching birds. Now 240,000 people visit each year.

The park helps many people find jobs. It brings money to local shops and restaurants. Visitors love to walk, bike, and paddle kayaks there. Many people come back again and again.

The fish are happy too. The new wetlands give them safe places to live and grow. Bird watchers enjoy seeing many different birds. Families can spend peaceful days together in nature.

This project shows how communities can create wonderful places. When people work together, they can turn empty land into something beautiful. The park will bring joy to visitors for many years to come.

### Scientists Study How Our Bodies Use Hormones

Scientists have made an interesting discovery about our bodies. They studied how tiny helpful bacteria in our stomachs work with hormones.

Hormones are special chemicals that help our bodies grow and stay healthy. One important hormone is called estrogen. It helps with many things in our bodies.

The scientists found something surprising. People who live in modern cities have different stomach bacteria than people in rural areas. The city people's bacteria work seven times harder to use estrogen.

The study also looked at babies. Babies who drink formula have different bacteria than babies who are breastfed. This shows the differences start very early in life.

The lead scientist, Rebecca Brittain, was amazed by the results. She said our daily habits and foods change how our stomach bacteria work. The scientists want to learn more about how our modern lives affect our bodies in helpful ways.

### **New Cancer Treatment Now Available to More Patients**

Good news for people with pancreatic cancer. A new medicine called daraxonrasib may now help more patients.

The Food and Drug Administration just said yes to this treatment. This means doctors can give it to more people who need it. The medicine is still being tested, but it shows promise.

The new drug works by blocking a problem protein in cancer cells. Most pancreatic cancers have this bad protein. When the medicine blocks it, the cancer may stop growing.

Doctors are hopeful about this treatment. The FDA worked very fast to approve it. They received the request on Monday and said yes by Wednesday. This shows how important this medicine could be.

Patients who want to try this treatment should talk to their doctor. The doctor can request the medicine for patients who might benefit. This gives new hope to families dealing with pancreatic cancer.

## Activity Time - Word Search

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

### Words to Find:

MEDICINE

COMPUTER

GALAXY

BIRDS

SPACE

HOPE

PARK

