# World of Science

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### A Galactic Disaster

### Global Warming Experiment Fails

Eight thousand Internet voters asked for the Hubble Space Telescope (HST) to take a close up picture of the spectacular “polar ring” galaxy named NGC 465OA- Hubble obliged. Located about 130 million light years away, the galaxy is one of the only 100 known polar ring galaxies. No one is quite sure what causes the ring structure, but one possibility is that this is the result of a collision between two galaxies. Of the two galaxies involved in the collision, one became the rotating inner disk of old red stars while the smaller galaxy was severely damaged.

Experiments on a possible method to deal with the increasing carbon di-oxide in the atmosphere has proved unsuccessful, dashing hopes for a possible solution to global warming, caused by atmospheric CO2. The idea was to store the CO2 under the sea, stopping it from adding to the green house effect. It was hoped that in the depths of the ocean the offending CO2 would form a solid, which would keep it from escaping into the atmosphere. In theory, this would reduce the rate of global warming, but a report in Journal Science has cast doubt on whether the “burial” would be effective.

### ‘Switching Off’ Disease

Scientists in US may have found a new way to combat bacterial infection in a fight against diseases that kill millions worldwide. The new way may even provide an alternative to antibiotics, which are becoming less effective as bacteria develop resistance to the most successful drugs. The scientists have identified a “master switch” that controls the genes in microbes that make them infectious.