



Photosynthesis in Space uses CO₂ and produces O₂ just like on Earth

Lighting can be customized to improve plant health



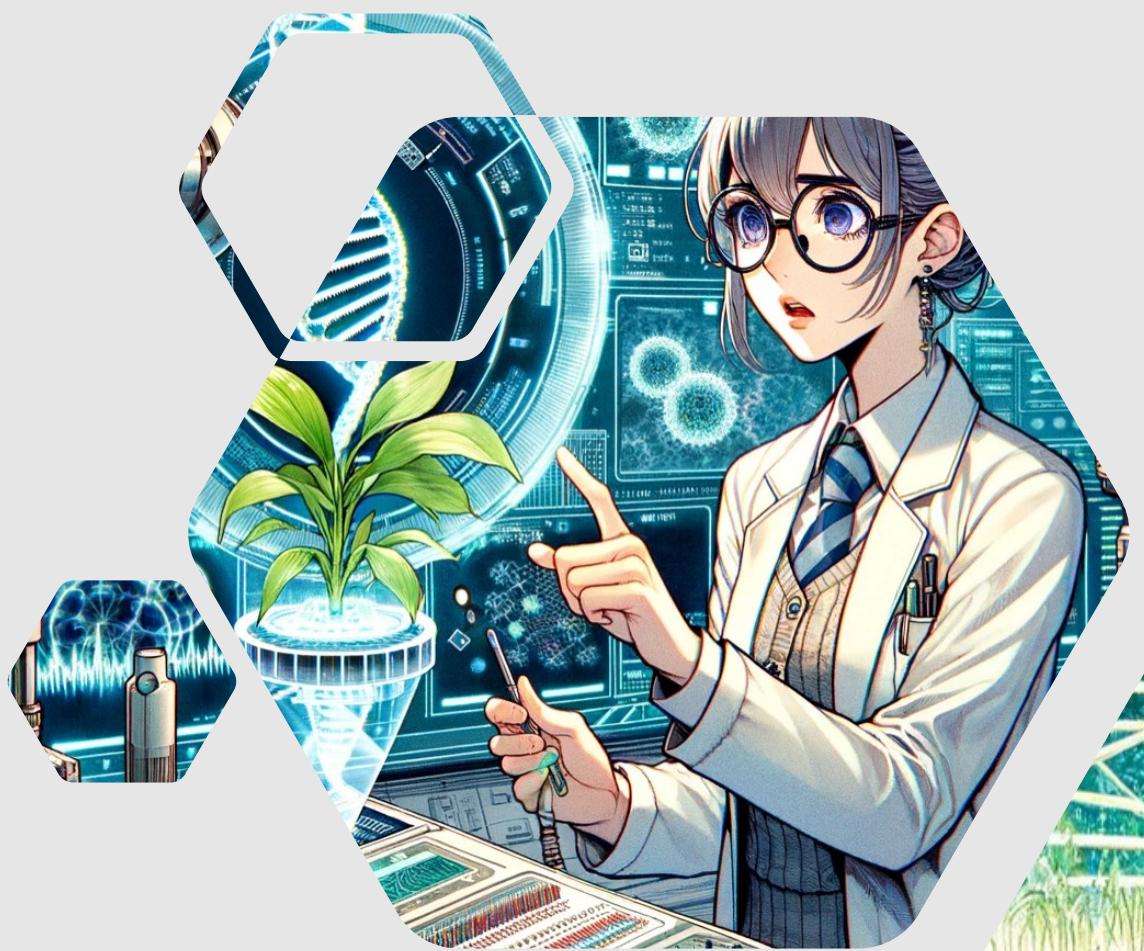


But life in space can be stressful as there are many factors

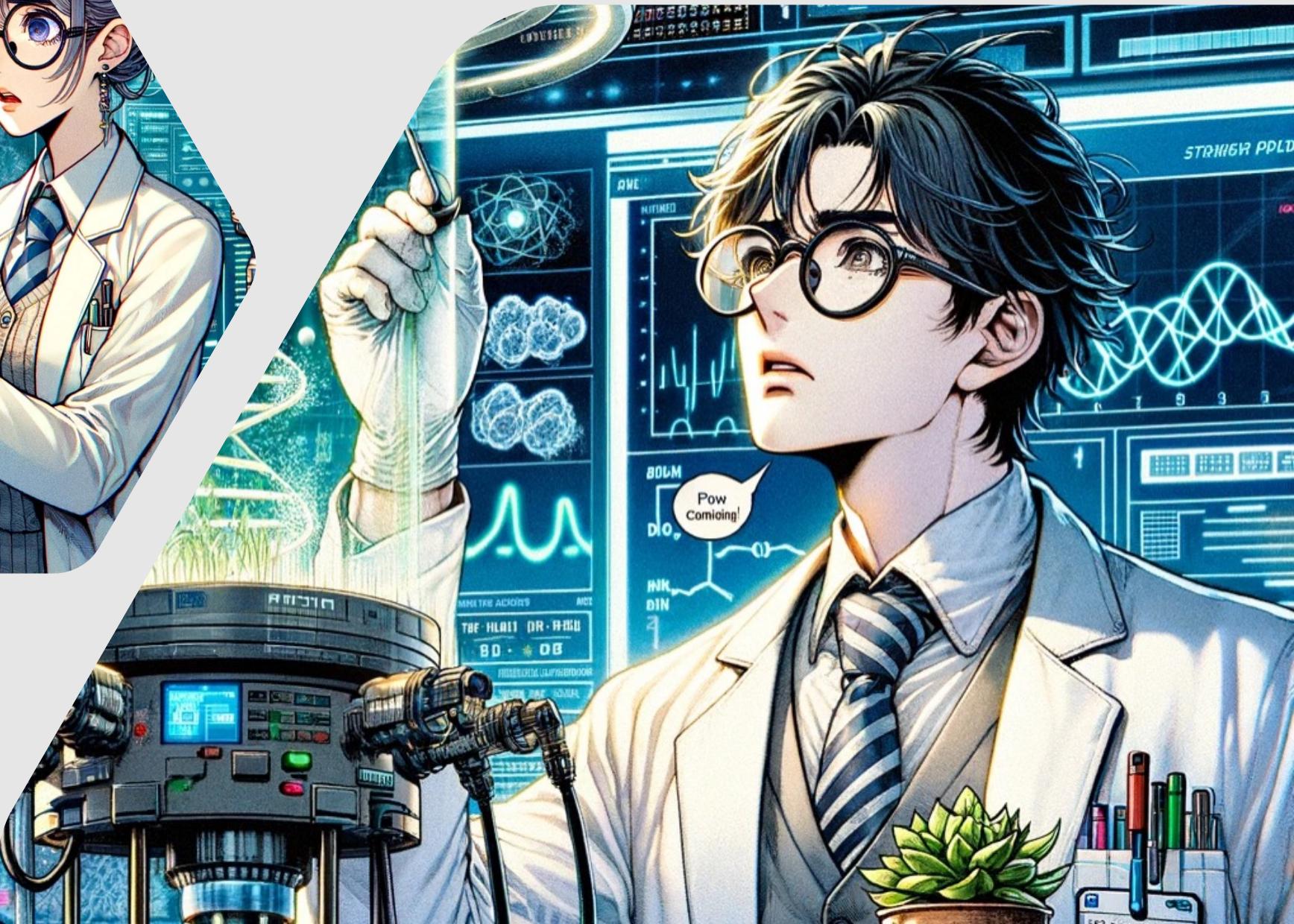
Not having a circadian rhythm can confuse biology



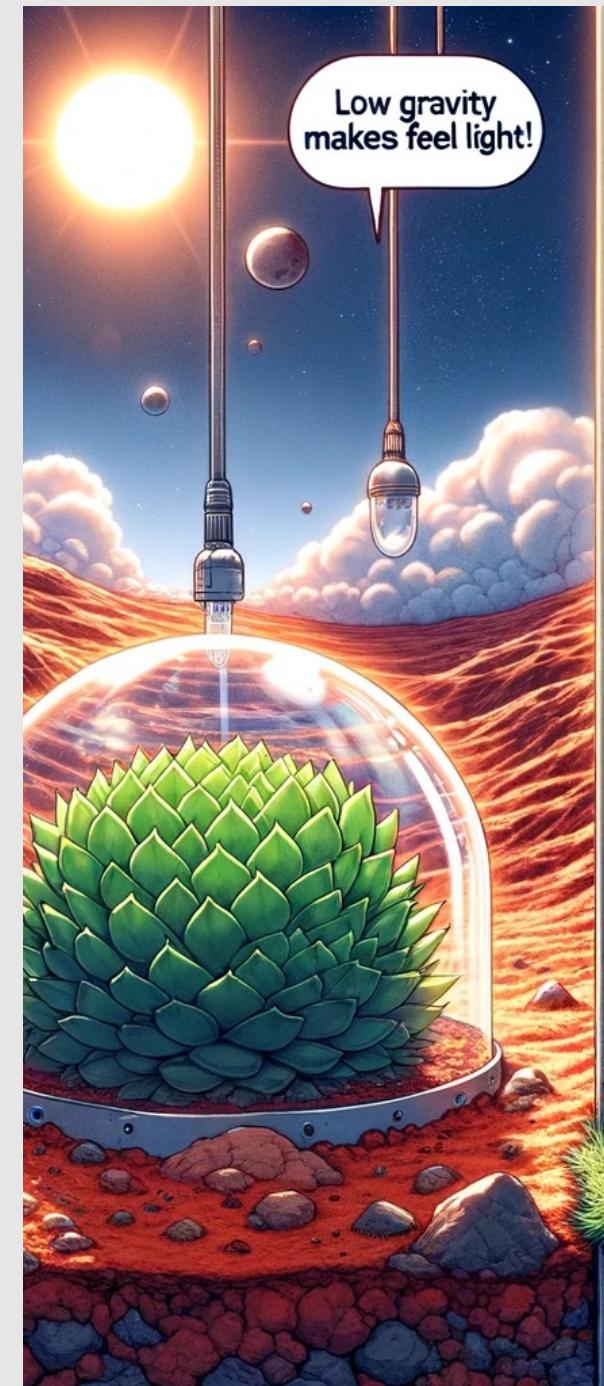
"Fascinating! Your heat stress proteins are off the charts!""



Astrobotany contains many mysteries



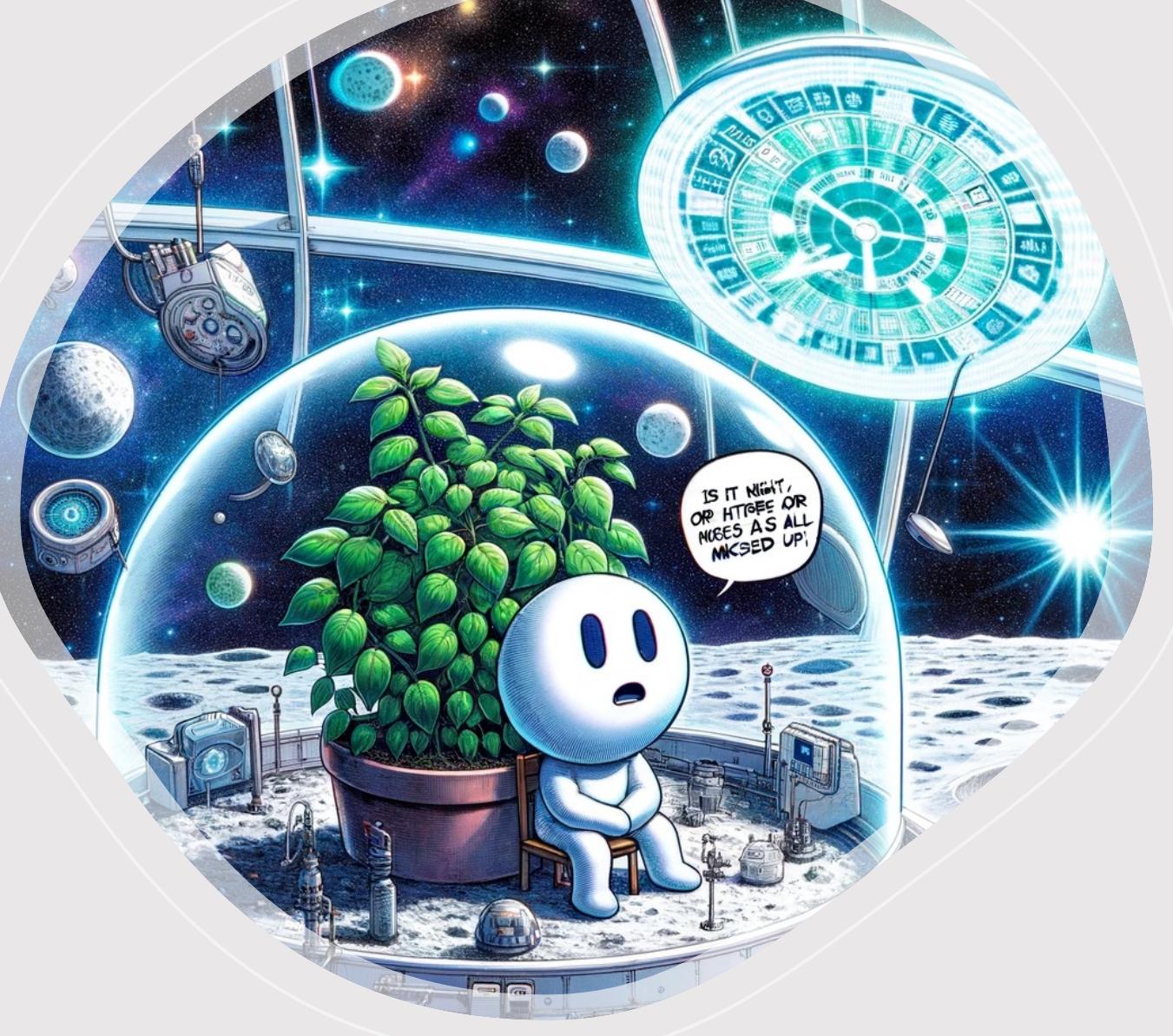
Botanists Study Plant Development under Different Conditions



The complex molecular data is also being read by Artificial Intelligence (AI).

"We found clues hidden in the DNA"



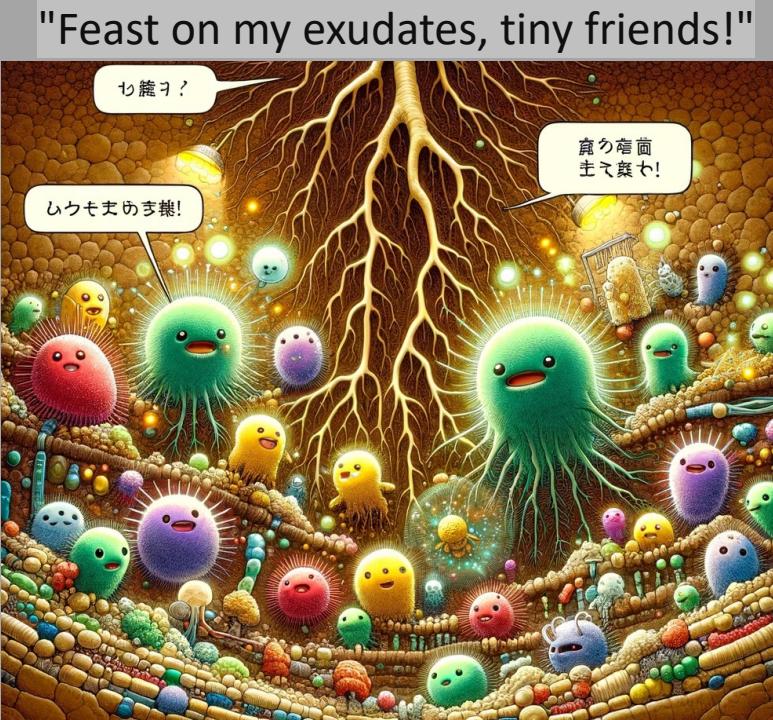
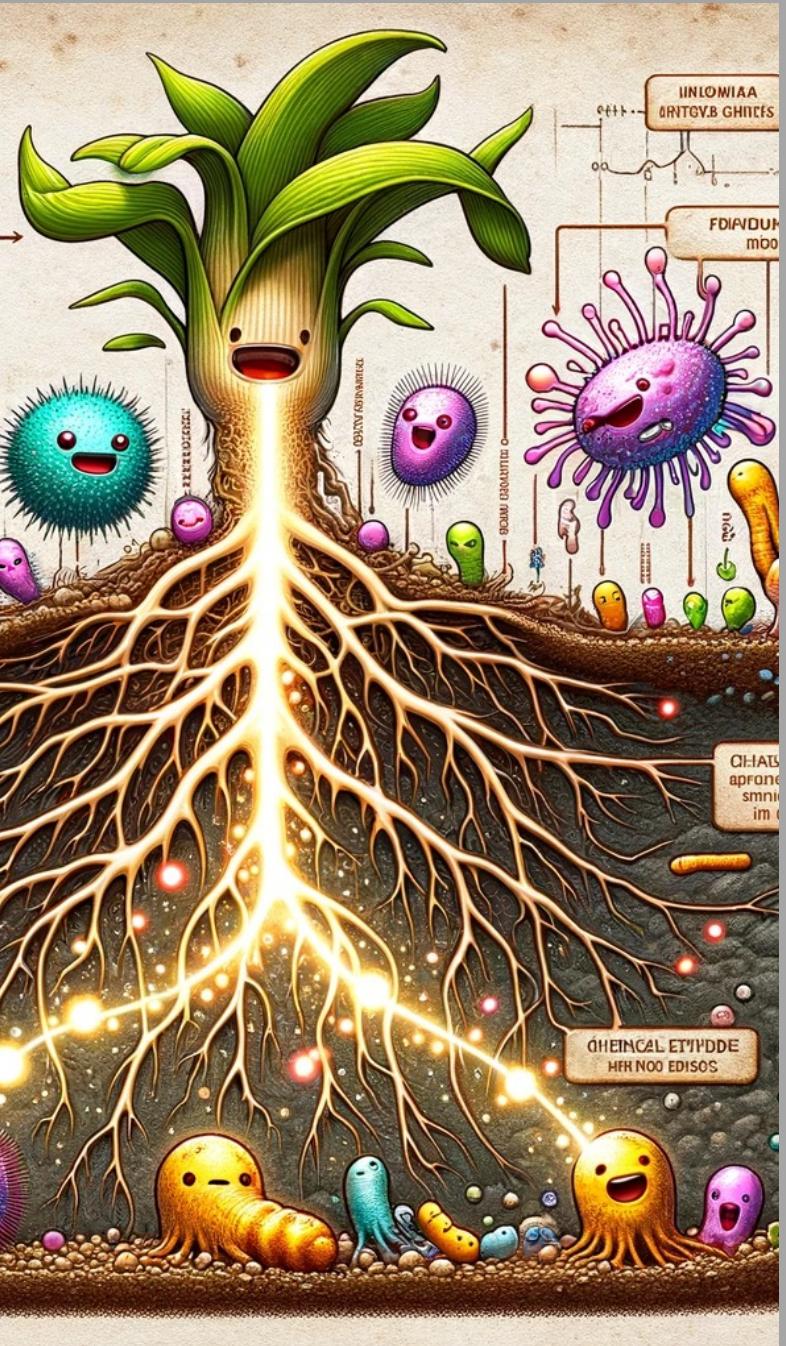


Lunar regolith does contain any microbes

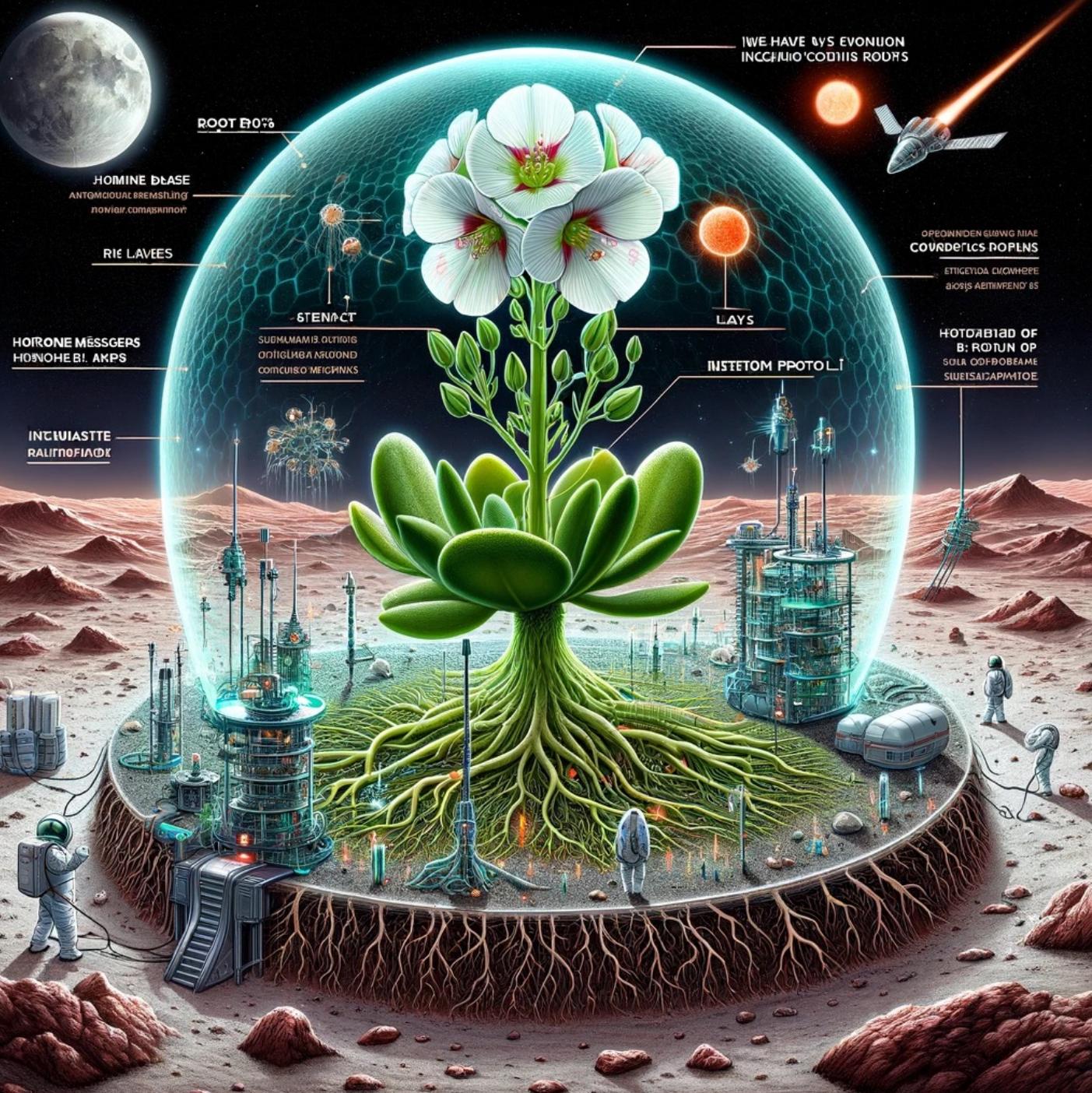
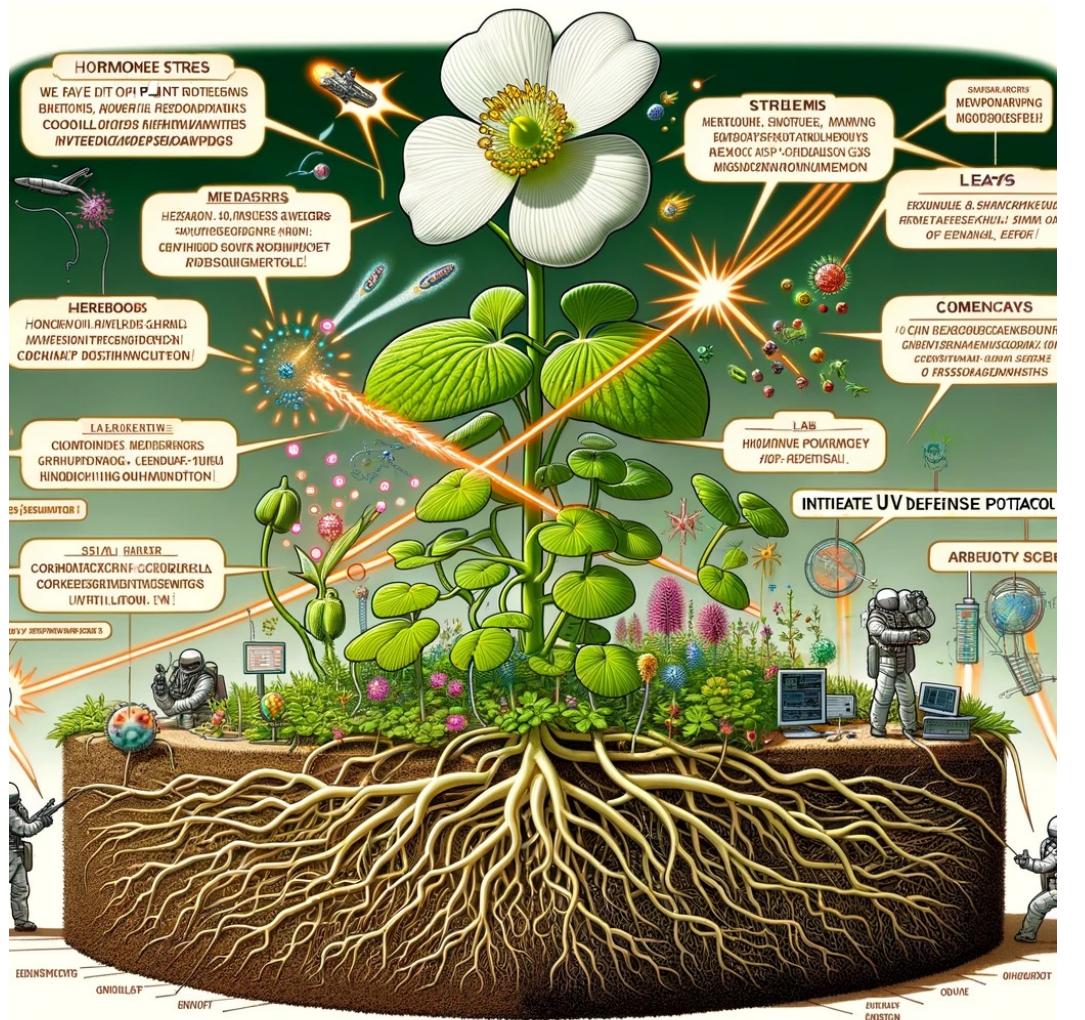
Effecting the plants immune system



"Don't forget the Hidden Half of Plant Biology!"



Plant defense system required for the moon



Support from microbes below the ground really help

Different system required for asteroids and mars

