

Bacteria that grows 60 percent better on Space  
than on Earth

# International Space Station

- Artificial satellite
- Research
- 1998 – 2024 (maybe)
- ~50 times Everest

# Most Previous works

- *Escherichia coli* 1997 and 2002
- *Pseudomonas aeruginosa* 2011 2013
- Antibiotic resistance production

# Project MERCCURI

- Microbial Ecology Research Combining Citizen and University Researchers on the ISS
- 2012 - 2014 ( successfully launched April 18, 2014 )
- Nationwide
- [Science Cheerleader](#)
- [Contest](#)
- ISS

## Results

- Nothing
- Bacillus safensis
- Genome sequence
- No time for long-term addaption

# References

- PeerJ. (2016, March 22). Single bacteria type grows 60 percent better on the International Space Station than on Earth. ScienceDaily. Retrieved March 28, 2016 from [www.sciencedaily.com/releases/2016/03/160322100716.htm](http://www.sciencedaily.com/releases/2016/03/160322100716.htm)

# The End

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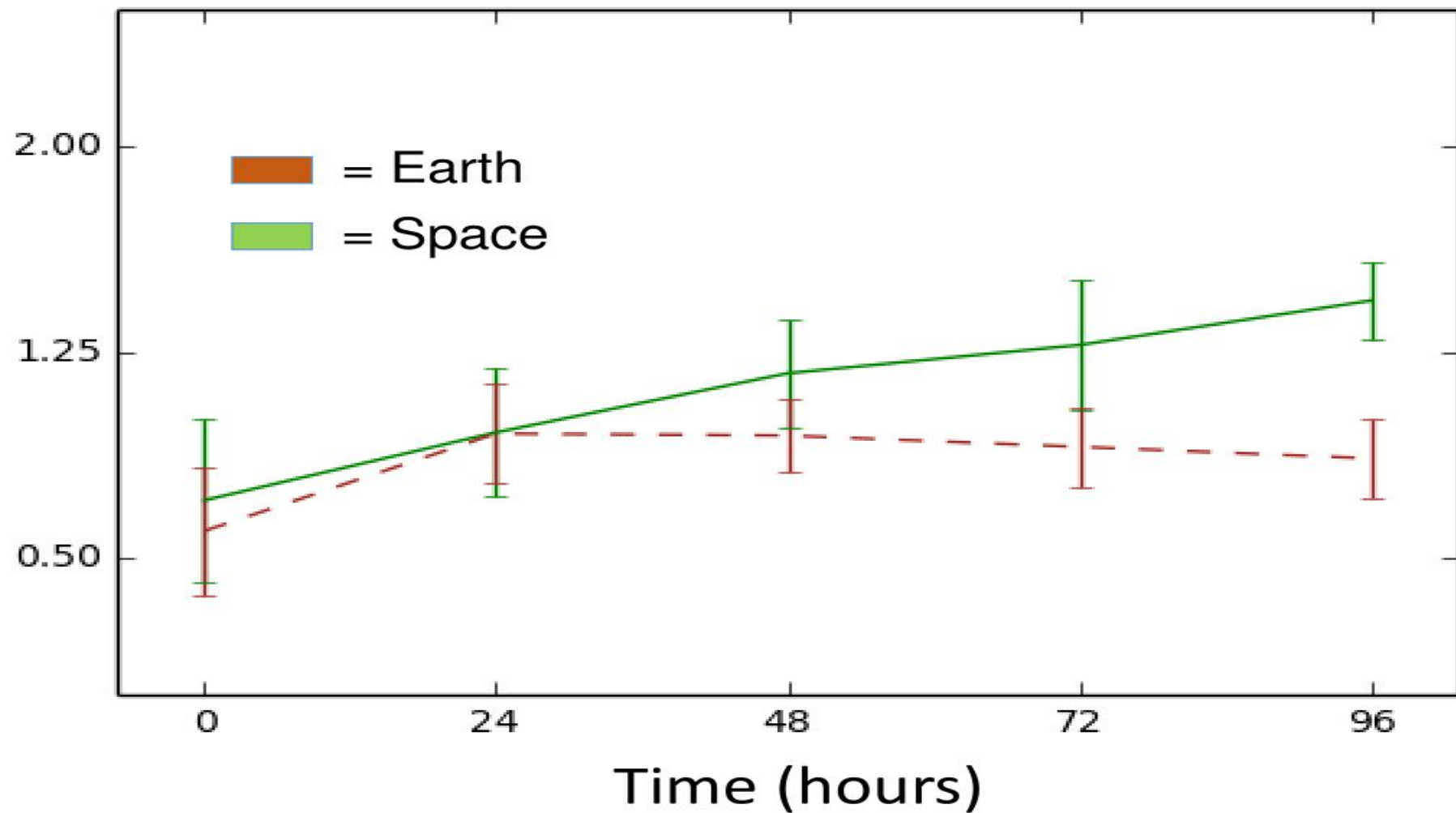
GOOOO!

SCIENCE CHEERLEADER



# *Bacillus safensis* JPL-MERTA-8-2

OD600





(photo from JPL)