





Where we found it: In the kitchen on the set of Karell Morning News (Minneapolis/St. Paul, MN)

Why it's awesome: One of the earliest antibiotics, kanamycin, was isolated from this microbe in 1957. Plus, it looks cool.

The antibiotic produced by this microbe is still widely used in industry, research, and medicine

Regular Season Stats 48 hrs 0.5 nsity: 46% Gram-positive, aerobic, unusual colony morphology n: Japanese soil

Unclassified Spingomonadaceae



Where we found it: On a stadium seat sample from Niedermeyer Field collected by the Pop Warner Coronado cheerleaders (San Diego, CA)

Why it's awesome: After preliminary examination at UC Davis, this bacteria appears to be an entirely new species, maybe even a new genus!

No idea... yet! All we know so far is that it's in the Spingomonadaceae family... (that's like saying in plants we don't know if it's a tomato, potato, chili pepper or tobacco)

Regular Season Stats

NOTE: This microbe doesn't appear to grow in this assay on earth, but it's so cool that we're going to send it to space anyway... maybe it'll grow there!

Mostly unknown, appears brown, prefers growth at lower temperatures. Details TBA n: See above (2013)

Bacillus aryabhatti (1)



Where we found it: On a field sample collected by the Pop cheerleaders (Lauderhill.

FL) Why it's awesome: This bacteria was first collected from the stratosphere, over 25 miles above the surface of the earth!

This bacteria has been shown to promote plant growth in barren areas and has been proposed as an aid for revegetation projects

Regular Season Stats

82 hrs 30 hrs ensity: 22%

: Gram-positive, mobile, spore forming,

Originally isolated from: Air sampling from a balloon 25 miles above the earth (2009)

Bacillus aryabhatti (2)



Where we found it: On a practice football field used by the

Why it's awesome: This bacteria was first collected from the stratosphere, over 25 miles above the surface of the earth!

Oakland Raiders

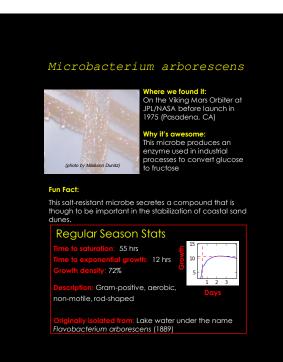
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Regular Season Stats

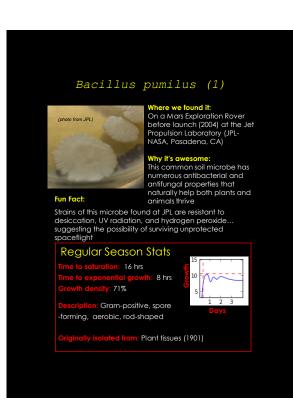
39 hrs 6 hrs : 89%

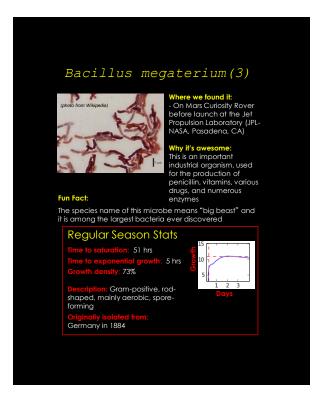
: Gram-positive, mobile,

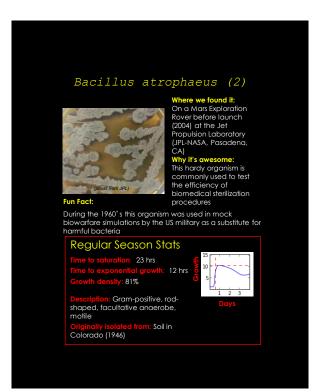
spore forming, Originally isolated from: Air sampling from a balloon 25 miles above the earth (2009)

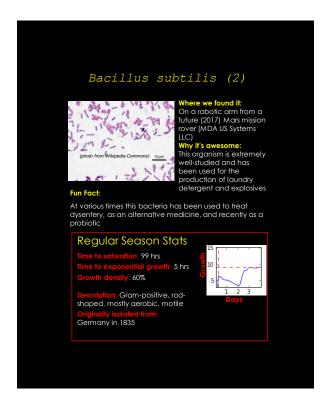


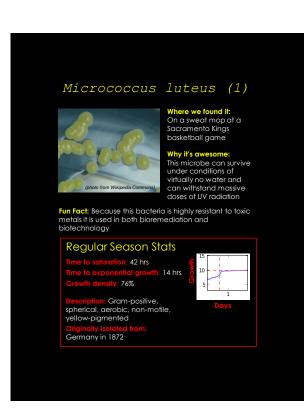
Where we found it: On a Mars Exploration Rover before launch (2004)at the Jet Propulsion Laboratory (JPL-NASA, Pasadena, CA) Why it's awesome: This microbe was first discovered and characterized in the "clean" rooms where spacecraft are assembled at JPL. This salt-tolerant microbe has been sent into space before, but on a Russian mission that failed during launch. Regular Season Stats Time to saturation: 17 hrs Time to exponential growth: 6 hrs Growth density: 63% Description: Gram-positive, spore -forming, aerobic, chemo-heterotrophic Originally isolated from: MARS Odyssey Spacecraft and associated facilities at JPL (1999-2001)

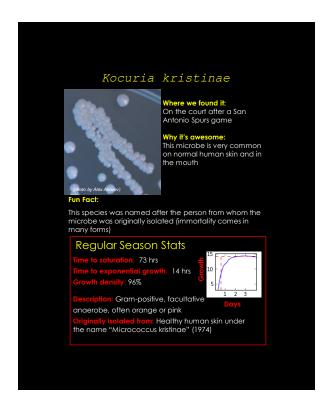


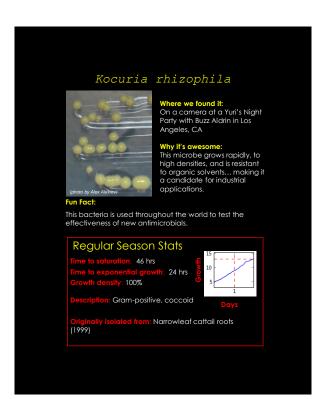


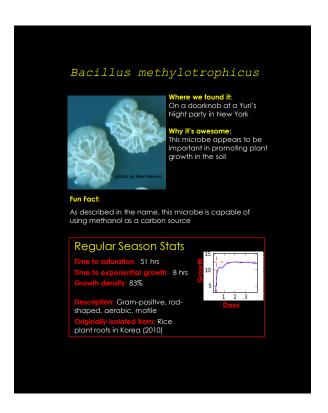


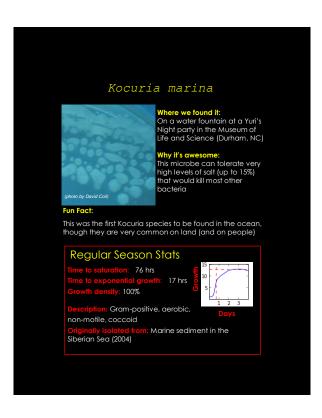


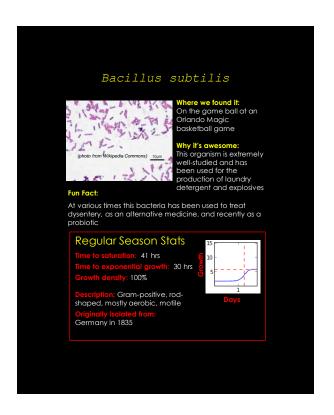


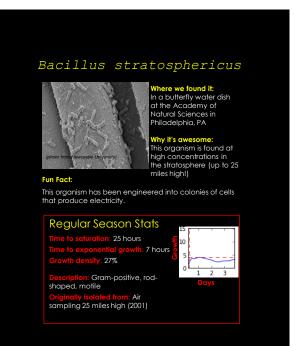


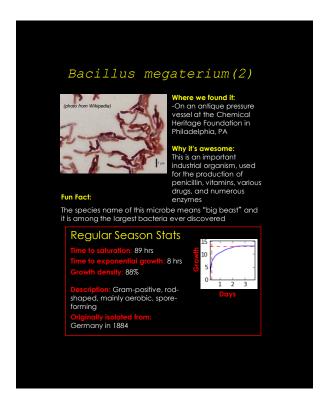


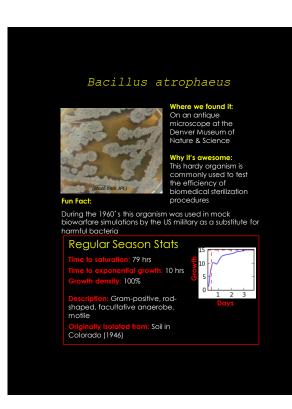


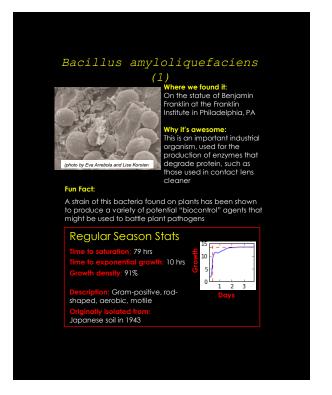


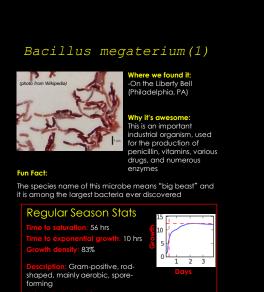












Germany in 1884

