

# Science Focus

*The truth about*  
**INTERMITTENT FASTING**

*Designing a drug to*  
**DELAY MENOPAUSE**

*How to spot a*  
**COVERT NARCISSIST**

## SOMETHING IS WRONG WITH OUR MODEL OF THE UNIVERSE...

...THE CLOSER WE LOOK, THE WEIRDER IT GETS



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**Space**

The race to safeguard the Moon's pristine surface

**Medicine**

Why anti-obesity drugs aren't a solution

**Health**

How to think about forever chemicals in our food

## EYE OPENER

# Rover's rambling

MOUNT SHARP, MARS

This wiggly yellow line shows us where the Mars Curiosity rover has traversed the Red Planet over the past few months. The robot, which has lived a rather lonely existence since it landed on Mars in 2012, has spent the last decade slowly ambling its way up the foothills of Mount Sharp, which stands three miles above the floor of the Gale Crater (a large area created when a meteor hit Mars early in its history).

The layers in this mountain formed over millions of years under a changing climate. Its geology is providing scientists with a way to study how the presence of water and chemical ingredients – indicative of once habitable environments – have changed over time.

This recent route covers part of a region enriched in sulphates. Scientists are trying to understand how the ridge to the right was initially formed, which explains Curiosity's major detour to the wall (bottom right).

Now the rover is exploring the Gediz Vallis channel. NASA believes that this region could explain when liquid water disappeared once and for all from the surface of Mars.

NASA/JPL

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