

New Scientist

WEEKLY 29 June 2024

IMMUNE TO CORONAVIRUS

We finally know why some people don't get covid-19

QUANTUM QUIRK

How to create energy from nothing

APE APOTHECARY

Sick chimps choose plants to heal themselves

SPECIAL ISSUE

OUR COSMIC PERSPECTIVE

The biggest questions about the universe and our place in it

IS THE UNIVERSE INFINITE? / WHERE DO SPACE AND TIME COME FROM? /
ARE WE ALONE? / HOW CAN WE RECKON WITH OUR INSIGNIFICANCE? /
IS THE COSMOS CONSCIOUS? / IS OUR UNIVERSE THE ONLY ONE?

...AND MUCH MORE

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Disappearing act

Did Jupiter's Great Red Spot vanish and reform? **p8**

Horns of plenty

Triceratops relative had giant frilled skull **p10**

Computer crash

Driverless cars mostly safer than humans – if it is light **p13**

Walk in the park

Taking a stroll helps keep people free of lower back pain **p15**

Leaping leeches

Bloodsucker jumps by coiling its body like a cobra **p18**



Astronomy

The stars align for cosmologists

These fiery jets of material (see the orange blobs angled from top left to bottom right) are coming from baby stars in the Serpens Nebula, about 1300 light years away. This image from the James Webb Space Telescope proves an idea that had long been assumed but never observed: as spinning clouds of gas collapse to form stars, the stars tend to spin the same way, with their jets pointing in roughly the same direction.

NASA, ESA, CSA, STSCI, K. PONTOPPIDAN/JPLA, PAGANI/STSCI