

# New Scientist

WEEKLY 4 November 2023

A NEW WAY TO THINK ABOUT THE ORIGINS OF LIFE

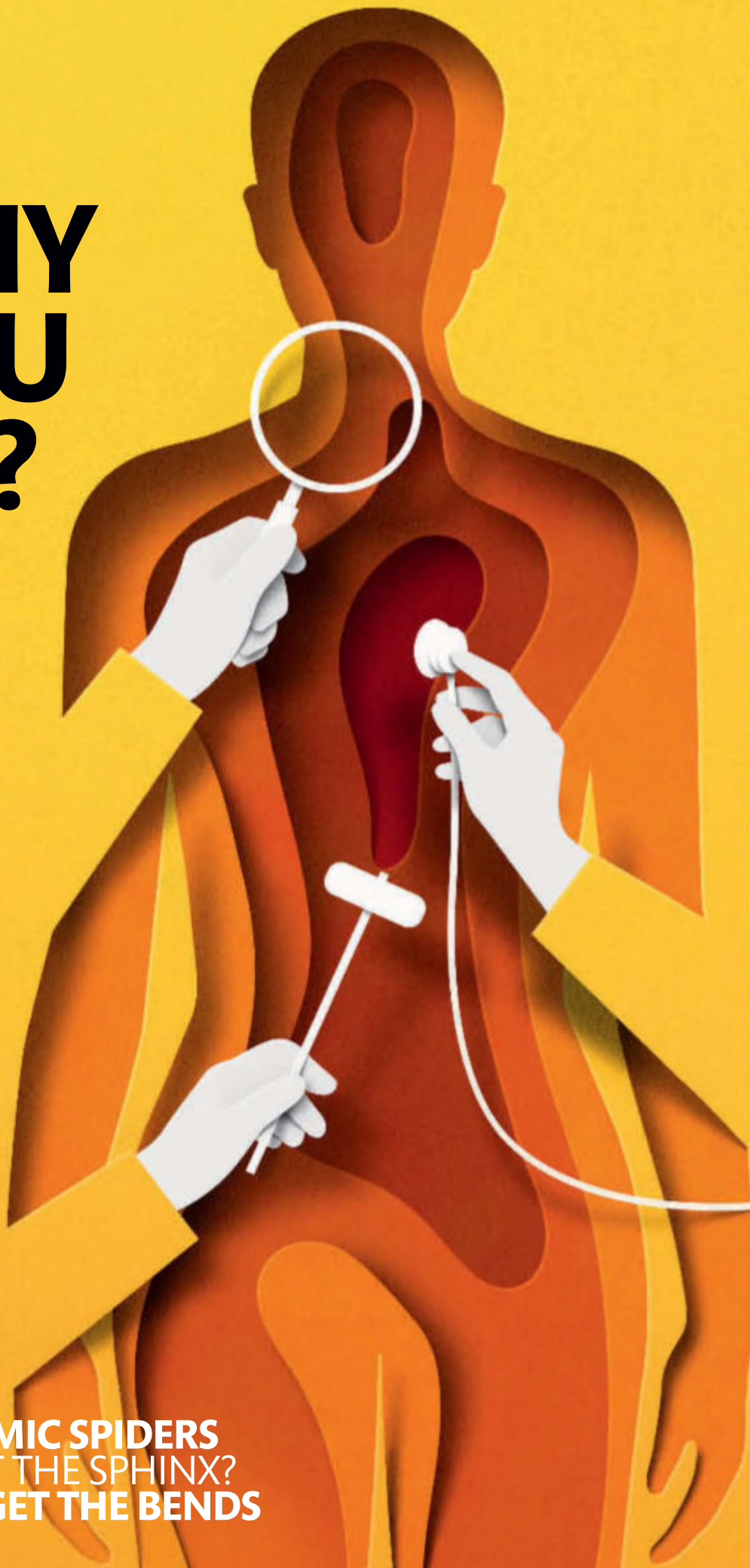
FIRST GLIMPSE OF A BLACK HOLE BEING BORN

WHY A STARFISH HAS NO BODY, JUST A HEAD

LARGEST QUANTUM COMPUTER EVER

## HOW HEALTHY ARE YOU REALLY?

The new tests that can finally give you the answer



### MACHINE UNLEARNING

Can we ever teach an AI to forget?

**PLUS MOTHS THAT MIMIC SPIDERS**  
DID WIND HELP SCULPT THE SPHINX?  
**WHY WHALES DON'T GET THE BENDS**

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## Beatles revival

How AI brought John Lennon back to life for one last song **p9**

## The change

Is the menopause actually widespread in mammals? **p12**

## Motion sickness

Certain brain cells may make you feel queasy **p16**

## Hidden landscape

The ancient valleys under the Antarctic ice sheet **p17**

## Mirror test

Roosters may be able to recognise themselves **p18**

## Space

# JWST shows Crab Nebula in new light

The James Webb Telescope (JWST) has captured the Crab Nebula, a supernova remnant located 6500 light years away in the constellation Taurus. The smoke-like wisps are a product of the nebula's pulsar, a rapidly rotating neutron star, generating magnetic fields that make particles emit electromagnetic radiation, which JWST can spot with its infrared camera.

