

UK Science Pulse: Space Inclusivity, AI for Transport, and Cancer Breakthrough

UK Science · Answer Key · 10 Questions

1. What landmark agreement was signed by the UK Space Agency on June 2, 2026, potentially paving the way for the first person with a physical disability to live and work in space?

- A) An agreement with SpaceX for a lunar mission.
- B) A memorandum of understanding with US company Vast for potential space station missions.**
- C) A partnership with the European Space Agency for a Mars sample return.
- D) A joint venture with Blue Origin for orbital tourism.

2. Which UK university collaborated with TrainFX to develop a new AI-powered train monitoring system aimed at reducing overcrowding, a project that won 'AI Tech Innovation of the Year' at the Made in the UK Midlands Awards 2026?

- A) University of Edinburgh
- B) University of Manchester
- C) Loughborough University**
- D) University of Bristol

3. Researchers at which UK institution have described for the first time a method of germ resistance coined 'antibody-directed xenophagy' (ADX), involving cells digesting bacteria and viruses from within?

- A) Francis Crick Institute
- B) Medical Research Council Laboratory of Molecular Biology (MRC LMB)**
- C) The Roslin Institute
- D) John Innes Centre

4. A new drug, daraxonrasib, has shown significant promise in treating advanced pancreatic cancer. Which UK lead investigator is mentioned in connection with the trial results presented at the American Society of Clinical Oncology (ASCO)?

- A) Professor Dame Sally Davies
- B) Dr. Sarah Gilbert
- C) Professor Richard Ellis
- D) Shivan Sivakumar**

5. Which UK university's physicists contributed to a study finding the strongest evidence yet for magnetic activity on exoplanets by measuring wind speeds on seven hot, Jupiter-like planets?

- A) Imperial College London
- B) University of Oxford**
- C) University of Cambridge
- D) University of Glasgow

6. The UK government is investing up to £2 billion in quantum technologies. Which of these is a dedicated funding amount for quantum networking as part of this initiative?

- A) £125 million**
- B) £500 million
- C) £205 million
- D) £1 billion

7. A new study from Loughborough University suggests that spending time in natural environments before exercise can boost physical endurance by what percentage compared to an urban industrial setting?

- A) 10.5%
- B) 5.0%
- C) 7.5%**
- D) 12.0%

8. Which UK organisation's Chief Scientist, Dave Stone, was recognised on the ENDS Report Power List 2026 for his impact on environmental professionals?

- A) Natural History Museum
- B) Royal Society for the Protection of Birds (RSPB)
- C) Joint Nature Conservation Committee (JNCC)**
- D) Environmental Audit Committee

9. What type of catalyst are researchers at the University of Birmingham developing for a breakthrough hydrogen-production method that uses waste heat?

- A) Palladium-based catalyst
- B) Platinum-based catalyst
- C) Perovskite-based catalyst**
- D) Nickel-based catalyst

10. The TRANSFORM prostate cancer screening trial, which is being expanded to invite all eligible Black men in the UK, is jointly funded by Prostate Cancer UK and which other major research funding body?

- A) Medical Research Council (MRC)
- B) Engineering and Physical Sciences Research Council (EPSRC)
- C) National Institute for Health and Care Research (NIHR)**
- D) Biotechnology and Biological Sciences Research Council (BBSRC)