

## Biotechnology & Health:

### Global Health Initiatives

**World Patient Safety Day:** The World Health Organization (WHO) is observing World Patient Safety Day with the theme, "Safe care for every newborn and every child," and the slogan, "Patient safety from the start!" The initiative aims to raise global awareness of risks in pediatric and newborn care and drive action to eliminate preventable harm. The campaign will feature advocacy events and the illumination of iconic landmarks in orange.

**International Microorganism Day:** Rai University is celebrating International Microorganism Day on September 17, 2025, with a speaker from the Gujarat State Biotechnology Mission. This event highlights the critical role microorganisms play in various fields, from health and medicine to environmental science.

### Medical Research & Development

**Innovent's R&D Results:** Chinese biopharmaceutical company Innovent is presenting multiple research and development results at the 34th EADV Congress. The presentations include new data on therapies for conditions such as atopic dermatitis and psoriasis, showcasing advancements in novel antibodies and bispecific antibodies.

**Neurocrine Biosciences' Depression Study:** Neurocrine Biosciences is presenting new data from its Phase 2 SAVITRI study on osavampator, an investigational treatment for adults with major depressive disorder (MDD). The data suggests that the treatment shows statistically

significant improvements in depression severity and is well-tolerated by patients.

### Technology in Healthcare

**AI in Healthcare:** The state of Tamil Nadu, India, is piloting a project to use AI-aided technology for diagnosing diseases, including tuberculosis and cancers, at government hospitals. A committee has been formed to plan for the wider expansion of this technology to improve patient outcomes, particularly in areas with a shortage of medical professionals. The goal is for AI to assist doctors, not replace them.

**European Research & Innovation Days:** The European Research & Innovation Days event in Brussels is highlighting a key initiative: the European Life Sciences Strategy. This strategy is aimed at strengthening Europe's position in biotechnology, medical innovation, and healthcare resilience, with a focus on how AI can accelerate discoveries across scientific disciplines.

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## MCQS

1.What is the theme for World Patient Safety Day 2025?

- A. "Medication Safety: Medication Without Harm"
- B. "Safe care for every newborn and every child"
- C. "Health Worker Safety: A Priority for Patient Safety"
- D. "Global Health Security"

**Answer:** B. "Safe care for every newborn and every child"

The World Health Organization (WHO) is marking World Patient Safety Day 2025 with the theme "Safe care for every newborn and every child" to emphasize the importance of improving safety in pediatric and newborn care globally.

2.What is the name of the investigational treatment for major depressive disorder that Neurocrine Biosciences is studying in its Phase 2 SAVITRI study?

- A. Innovent
- B. Osavampator
- C. Atopic
- D. Bispecific

**Answer:** B. Osavampator

Neurocrine Biosciences is presenting new data from its Phase 2 SAVITRI study on osavampator, an investigational treatment being developed for adults with major depressive disorder (MDD).

3.In which Indian state is a pilot project using AI-aided technology for diagnosing diseases like tuberculosis and cancers being implemented in government hospitals?

- A. Karnataka
- B. Gujarat
- C. Tamil Nadu
- D. Maharashtra

**Answer:** C. Tamil Nadu

The state of Tamil Nadu, India, has initiated a pilot project to use AI-aided technology in its government hospitals to assist in the diagnosis of diseases, including tuberculosis and cancers.

4.Which specific day is being celebrated on September 17 to highlight the crucial role of microorganisms in various fields?

- A. World Health Day
- B. International Biotechnology Day
- C. International Microorganism Day
- D. Global Medicine Day

**Answer:** C. International Microorganism Day

Rai University is celebrating International Microorganism Day on September 17, 2025. The event's purpose is to draw attention to the vital







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role that microorganisms play in many fields, from health to environmental science.

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