

# IIT Guwahati Develops India's 1st Recombinant Vaccine For Swine Fever

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## **Guwahati:**

The Indian Institute of Technology-Guwahati has successfully transferred the technology to produce the country's first recombinant vaccine against classical swine fever to the biotech firm Bio-Med.

The highly contagious swine fever threatens pigs nationwide, especially in the northeast and Bihar, Kerala, Punjab, Haryana, and Gujarat.

IIT Guwahati developed the vaccine in collaboration with Assam Agricultural University, a press release said.

"The jab uses innovative reverse genetics, employing the Newcastle disease virus as a carrier for crucial proteins of the swine fever virus," it said, adding, "This method ensures swift and cost-effective immunity development."

The technology transfer to BioMed is a milestone in India's fight against the disease, which currently lacks a vaccine, it added.

## **News Source:**

<https://www.ndtv.com/india-news/iit-guwahati-develops-india-1st-recombinant-vaccine-for-swine-fever-5314111>