

Salmonella

June 29, 2026 • vajiramandravi.com



Salmonella Latest News

New evidence discovered by scientists demonstrates that specialized intestinal cells control the ability of Salmonella to grow by restricting their access to essential metals, such as iron and manganese.

About Salmonella

- Salmonella are a **group of bacteria** that can **cause gastrointestinal illness** and **fever called salmonellosis**.

Salmonella Sources and Transmission

- Salmonella bacteria are widely **distributed in domestic and wild animals**.
- They are **prevalent in food animals** such as poultry, pigs, and cattle; and in pets, including cats, dogs, birds, and reptiles such as turtles.

- Salmonellosis in **humans** is generally **contracted** primarily through the **consumption of contaminated food of animal origin**, although other foods, including green vegetables contaminated by manure, have been implicated in its transmission.
- **Person-to-person** transmission can also occur through the **faecal-oral route**.
- Human cases also occur where individuals have **contact with infected animals**, including pets.

Salmonella Symptoms

- Most people infected with Salmonella will begin to develop symptoms 12 to 72 hours after infection.
- Most people with salmonellosis develop **diarrhea, fever, and abdominal cramps**.
- More **severe cases** of salmonellosis may include a **high fever, aches, headaches, lethargy**, a rash, **blood in the urine or stool**, and, in some cases, may become fatal.

Salmonella Treatment

- The **illness usually lasts four to seven days**, and **most people recover without treatment**.
- Treatment in **severe cases is electrolyte replacement** (to provide electrolytes, such as sodium, potassium, and chloride ions, lost through vomiting and diarrhoea) and **rehydration**.

News: NM

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