



## Decoding Jamun's Medicinal Might

The first-ever genome sequencing of the **jamun tree (Syzygium cumini)** by researchers at **IISER Bhopal** has revealed the **pharmacological properties embedded within this species**. Jamun tree is an **evergreen tree** popular in India for its medicinal properties, fruits, and ornamental value.

- Jamun's genetic code uncovers a rich array of **bioactive compounds responsible for its antioxidant, anti-inflammatory, and anti-diabetic attributes**.
  - The study also highlights the **presence of genes linked to terpenoids and glucosides**, key contributors to its defense mechanisms and anti-diabetic capabilities respectively.
- **Genome sequencing** is the process of determining the exact order of **DNA** building blocks in an organism, unveiling its complete genetic blueprint.

**Read more:** [Genome Sequencing in India](#)

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