

GENETICS, THEOLOGY

# PARTHENOGENESIS

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When his mother Mary had been engaged to Joseph, but before they lived together, she was found to be with child from the Holy Spirit.

19: Her husband Joseph, being a righteous man and unwilling to expose her to public disgrace, planned to dismiss her quietly.

20: But just when he had resolved to do this, an angel of the Lord appeared to him in a dream and said, "Joseph, son of David, do not be afraid to take Mary as your wife, for the child conceived in her is from the Holy Spirit.

incredible? No.

NEWS | 28 July 2023

## ‘Virgin birth’ genetically engineered into female animals for the first time

**Scientists alter the genomes of female fruit flies, allowing them to reproduce without any contribution from a male.**

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<https://www.nature.com/articles/d41586-023-02404-z>

In the study above there are only 44 genes that were [involved in parthenogenesis](#)

This identified a polygenic system whereby increased expression of the mitotic protein kinase polo and decreased expression of a desaturase, Desat2, caused facultative parthenogenesis in the non-parthenogenetic species that was enhanced by increased expression of Myc.

