

WEISMANNISM

Meaning: Weismannism is the theory that hereditary information is transmitted exclusively through germ cells and not through somatic cells.

1. Weismannism posits that hereditary information is passed only through germ cells, not somatic cells.
2. The debate over Weismannism significantly influenced early genetic research and understanding of inheritance.
3. Many scientists initially rejected Weismannism, favoring the idea that acquired traits could be inherited.
4. Weismannism laid the groundwork for modern genetics by emphasizing the role of DNA in inheritance.
5. The principles of Weismannism challenge the notion of Lamarckism, which suggests that traits acquired during an organism's lifetime can be inherited.

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