

# SARCOLEMMA

*Meaning: Sarcolemma is the thin membrane surrounding a muscle cell that regulates ion movement and is essential for muscle contraction and function.*

1. The sarcolemma plays a crucial role in muscle contraction by facilitating the movement of ions.
2. Damaged sarcolemma can lead to muscle weakness and impaired function in various diseases.
3. During muscle cell activation, the sarcolemma undergoes a series of electrical changes.
4. Research into the sarcolemma's properties may provide insights into muscle regeneration techniques.
5. The integrity of the sarcolemma is essential for maintaining muscle cell homeostasis and function.

---

*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/sarcolemma>*