

Muscle Fibres:-

These are the cell of muscles.

They are multinucleated with diameter (10-100 μ m).

They are cylindrical.

Sarcolema $\Rightarrow$

Sarco means muscles and lemma means membrane.

Membrane of muscles is called sarcolema.

It acts as a sarcoplasm. It contains of myoglobin which help in store of energy. It also consist of glucagon which help in store of energy. It consist of sarcoplasmic reticulum which release of Ca^{+} ions. They have myofibrils with diameter of 1-2 μ m.

Myofilament $\Rightarrow$ It consist of two bands i.e.,

A-band and I-band.