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To Study Binary Fission In Amoeba With The Help of Prepared Slide

Requirements : Compound Microscope, Prepared slide of Binary Fission.

Theory : Binary fission is a method of Asexual reproduction. Binary means two and Fission means splitting.

In Binary Fission method a living organism divides in two daughter organisms.

Procedure :

1. selection of prepared slides of Amoeba of Binary Fission.
2. Fixing of slide upon stage of Microscope.
3. Adjustment of focus to observe the slide.

Observation : when slide is focussed some features are visible :-

- ① Parent cell becomes elongated.

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Nuclear body becomes oblong and ready to split (divide).

At point of fission cleavage or furrow can be observed.

Two daughter cells are formed.

Precautions :

1. First, focus the slide under low power then observe under high power.
2. Carefully adjust the stage of Microscope.

Figure of Stages of Binary Fission.

