

## Welcome to WONDERS UNDER THE MICROSCOPE

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## Biological Facts



DNA is present in every living cell and is responsible for the genetic information that determines an organism's characteristics.

 The smallest cells are bacteria, typically only a few micrometres in size, while the largest cells are eggs of certain animals, which can be several centimetres in diameter.

 The human body is composed of trillions of cells, each with its own specialized function.  The brain is the most complex organ in the human body and is responsible for controlling all bodily functions and processes.



 The circulatory system, which includes the heart, blood vessels, and blood, is responsible for delivering oxygen and nutrients to cells throughout the body.

 Photosynthesis is the process by which plants convert sunlight into energy in the form of glucose. • The respiratory system, which includes the lungs, is responsible for exchanging gases between the body and the environment.

 The immune system is responsible for protecting the body against pathogens and other foreign substances.  Mitosis is the process by which cells divide and reproduce, and is essential for growth and repair in multicellular organisms.  Homeostasis is the ability of an organism to maintain a stable internal environment, despite changes in the external environment.

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Instagram:

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