

Confocal Microscope

- Confocal laser scanning microscopy (CLSM) is the recognized standard for 3D fluorescence microscopy.
- The applications available to laser scanning confocal microscopy includes Morphological studies of a wide spectrum of cells and tissues.



Flow cytometry

- Flow cytometry is a technology that is used to analyze the physical and chemical characteristics of particles in a fluid as it passes through at least one laser.
- The BD FACS Verse™ flow cytometer has been uniquely designed to offer remarkable performance, flexibility, and ease of operation for research applications using up to 10 parameters.

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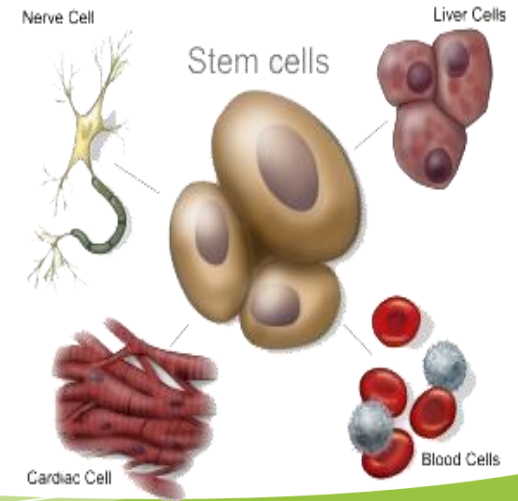
Central Laboratory
And
Prince Naif
Health Research Center

Medical Studies and
Scientific Sections



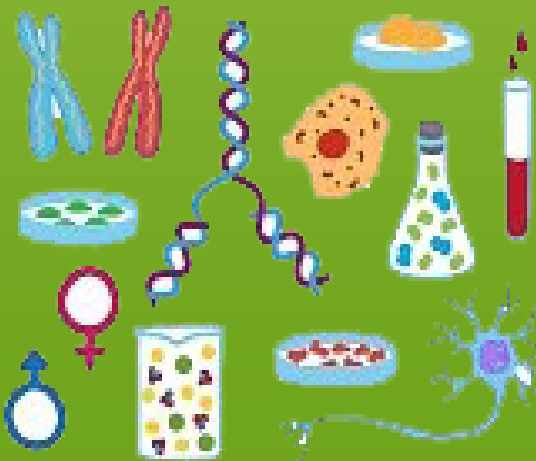
STEM CELL:

Stem cells are undifferentiated biological cells that can differentiate into specialized cells and can divide to produce more stem cells. They are found in multicellular organisms.



Stem Cells Unite:

The Stem cell unit provides a central point of contact, information, facilitation and has all the equipment and possibilities to support all stem cell research activities.



The Stem Cells unite offers to Students and Researchers:

- Training sessions.
- Stem Cells techniques, including
 - Media and Systems for in vitro propagation, testing, Cell cryopreservation.
 - Cells treatment, differentiation and analyzing.
- Individual consultation.

- Allows use of laminar flow hoods, incubators and microscope to use on site.
- The staff is available for help in developmental work as well as cell culture problem solving.

