

## Cell Culture

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Cell culture is the process by which mammalian cells (e.g., human, animal, or insect) are grown under controlled conditions. The most commonly used mammalian cell lines are Chinese hamster ovary (CHO), mouse myeloma (NSO), and human embryonic kidney (HEK-293). Cell cultures consist of either suspended or adherent cells. Protein is produced within the cell and either excreted into the cell culture media or maintained within the cell. Cell culture media provides cells the required nutrients and optimal conditions to grow and multiply. The main purpose of cell expansion is to achieve a sufficient cell...

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