

PHA3110 : Molecular Biology

The course will cover how the blueprints for cells and organisms are contained in the structure of molecules like DNA, RNA, and protein. Examples of minor structural changes in DNA (mutations) and their biochemical, pathological and health consequences are presented as well as how this information can be used in disease diagnosis and drug discovery. Disease states due to alterations in the proper function of DNA and RNA will be discussed throughout the course. Molecular mechanisms in place to maintain adequate cell number and control cell growth will also be covered.

Credits 3.0

Prerequisites

None

Corequisites

None

Notes

Quarter 3