

BMS 337 : Cancer Biology

The course will provide a comprehensive view of the etiology and pathogenesis of cancer. Specifically, the course is designed to cover the following: Analysis of biological changes as normal cells transform to tumor cells; the impact of the cell cycle (proliferation), gene mutations and apoptosis in cancer; the progression of the disease through invasion and metastasis; discussion of applied/translational research in cancer diagnosis and novel targeted therapeutic agents in the treatment of cancer; the clinical relevance of important biomarkers through epidemiological assessment of the cancers in various populations.

Credits 3

Prerequisite Courses

BIO 334